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**WDNR Reference**  
BRRTs # 02-30-000327

**Our Reference**  
60705270

Greg Boldt, P.E.  
Deputy Director of Public Works  
City of Kenosha  
625 52nd Street  
Kenosha, Wisconsin 53140

## **KEP Groundwater Post-Remediation Sample Results – October 2023**

Dear Greg:

AECOM conducted the seventh quarterly post-remediation groundwater sampling event between October 16 and October 19, 2023, under Task Order 177-031023 for the City of Kenosha, at the former Kenosha Engine Plant (KEP). Monitoring wells associated with groundwater treatment Areas 1 through 4 were sampled for volatile organic compounds (VOCs) and geochemical parameters as described in the *Remedial Design Report (Groundwater) Revision 1 Former Kenosha Engine Plant* (AECOM, December 20, 2019) approved by the Wisconsin Department of Natural Resources. Additionally, the perimeter wells not associated with a treatment area were sampled for VOCs as part of the semi-annual sampling proposed and approved in the groundwater remedial design report.

Prior to sampling, groundwater elevation measurements were collected from the monitoring wells and piezometers including the perimeter wells around the KEP. Depth to groundwater measurements and calculated elevations are provided in Table 1. The groundwater remediation areas and associated monitoring well and piezometer locations are depicted in Figures 1 and 2.

Groundwater flow at the KEP was predominantly easterly across the site at the water table, easterly at the clay-till interface in the northern half of the KEP and southeasterly at the clay-till interface in the southeastern portion of the KEP, based on the depth to groundwater measurements on October 16, 2023. These flow directions are consistent with the data provided in prior groundwater elevation measurement events. Contoured groundwater elevations for October 2023, depicting groundwater flow, are shown in Figure 1 for the water table potentiometric surface and in Figure 2 for the potentiometric surface measured in the piezometers.

Groundwater samples were collected from the selected monitoring wells and piezometers using a low-flow sampling technique with a peristaltic pump and dedicated tubing for each well. Sampling procedures were consistent with those provided in the *Remedial Design Report (Groundwater) Revision 1 Former Kenosha Engine Plant* (AECOM December 20, 2019). Field parameters, including pH, conductivity, oxidation-reduction potential, dissolved oxygen, and temperature were measured during well purging and recorded following parameters stabilization. The field parameter measurements are included in Table 2.

Groundwater samples from 43 monitoring wells and 20 piezometers plus nine duplicate samples and two trip blanks were submitted to Pace Analytical Services, Inc. (Pace), in Green Bay, Wisconsin, and analyzed for VOCs (SW846 Method 8260B), and select wells were also analyzed for metals and geochemical parameters. Quality control samples were collected to assess laboratory precision and accuracy. The laboratory analytical data were validated and reviewed. The data validation report is attached.

The groundwater analytical results are summarized in Tables 3A and 3B (Area 1 VOCs and metals/geochemical parameters, respectively), Tables 4A and 4B (Area 2), Tables 5A and 5B (Area 3), Tables 6A and 6B (Area 4) and Table 7 (perimeter wells). The groundwater analytical results were compared to the Wisconsin Administrative Code, Chapter NR 140.10, Public Health Groundwater Quality Standards, enforcement standards (ES) and preventive action limits (PAL). ES exceedances are depicted in bold and PAL exceedances are shown in underlined italics in each of the tables. The laboratory analytical reports are also attached.

The ES exceedances are not depicted on the figures because the groundwater treatment process is ongoing. Reductions in TCE concentrations are continuing and remediation objectives have been partially achieved in each of the treated areas. Post-remediation groundwater monitoring will continue quarterly.

Please contact us if you have questions.

Yours sincerely,



Lanette Altenbach, P.G.

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In conformance with NR 712.09 submittal certification requirements:

"I, Lanette Altenbach, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."



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**Data Validation Memo**

Pace Laboratory Analytical Report-#40269928

**cc:** Paul Grittner, WDNR

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 1**  
**Kenosha, Wisconsin**

Well Number	MW-2101		PZ-2101		MW-2102		MW-2103		PZ-2103		MW-2104		MW-2105	
Ground Elevation (ft)	625.39		625.40		624.99		624.22		624.23		624.79		625.21	
Top of PVC Casing (TOC) Elevation (ft)	627.55		627.99		627.10		626.14		626.31		627.11		627.38	
Top of Screen Elevation (ft)	620.21		606.99		620.26		619.26		606.36		620.18		620.60	
Screen Length (ft)	10		2		10		10		2		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	17.34		23.00		16.84		16.88		21.95		16.93		16.78	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	10.51	617.04	10.98	617.01	9.49	617.61	8.55	617.59	8.72	617.59	9.65	617.46	10.60	616.78
4/5/2021	10.34	617.21	10.77	617.22	9.62	617.48	8.53	617.61	8.75	617.56	9.81	617.30	9.92	617.46
6/16/2021	10.75	616.80	11.19	616.80	10.16	616.94	9.14	617.00	9.30	617.01	10.03	617.08	10.63	616.75
10/6/2021	11.06	616.49	11.41	616.58	10.62	616.48	9.61	616.53	9.71	616.60	10.68	616.43	11.54	615.84
12/15/2021	10.35	617.20	10.88	617.11	9.61	617.49	8.58	617.56	9.02	617.29	9.69	617.42	11.12	616.26
2/21/2022	10.82	616.73	11.32	616.67	10.28	616.82	9.29	616.85	9.57	616.74	10.28	616.83	11.15	616.23
3/21/2022	10.74	616.81	11.25	616.74	10.11	616.99	9.12	617.02	9.93	616.38	10.04	617.07	11.05	616.33
4/25/2022	9.02	618.53	9.71	618.28	8.14	618.96	6.74	619.40	7.05	619.26	7.49	619.62	9.34	618.04
5/17/2022	9.81	617.74	10.42	617.57	9.15	617.95	7.89	618.25	8.21	618.10	8.65	618.46	9.85	617.53
7/25/2022	10.07	617.48	10.78	617.21	9.67	617.43	8.64	617.50	8.93	617.38	9.85	617.26	10.37	617.01
10/24/2022	10.61	616.94	10.43	617.56	10.12	616.98	9.12	617.02	9.59	616.72	10.02	617.09	10.77	616.61
1/23/2023	10.27	617.28	10.94	617.05	9.46	617.64	8.50	617.64	8.87	617.44	9.43	617.68	10.60	616.78
4/24/2023	9.85	617.70	11.07	616.92	9.22	617.88	8.11	618.03	8.49	617.82	8.85	618.26	9.40	617.98
7/25/2023	10.58	616.97	11.12	616.87	10.09	617.01	9.13	617.01	9.45	616.86	10.05	617.06	10.78	616.60
10/16/2023	9.20	618.35	10.30	617.69	7.67	619.43	7.56	618.58	8.05	618.26	8.50	618.61	10.56	616.82

ft = feet

<sup>A</sup> = as measured inside well

NM = Not Measured

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 1**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>PZ-2105</b>		<b>MW-2106</b>		<b>MW-2107</b>		<b>PZ-2107</b>		<b>MW-2108</b>		<b>MW-2109</b>		<b>PZ-2109</b>	
Ground Elevation (ft)	625.22		626.95		626.42		626.36		625.59		625.07		624.92	
Top of PVC Casing (TOC) Elevation (ft)	627.69		629.11		628.32		628.66		627.58		627.04		627.23	
Top of Screen Elevation (ft)	602.89		621.21		620.64		604.77		619.84		620.02		606.76	
Screen Length (ft)	2		10		10		2		10		10		2	
TOC to Bottom of Well (ft) <sup>A</sup>	26.80		17.90		17.68		25.89		17.74		17.02		22.47	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	11.14	616.55	13.03	616.08	12.98	615.34	13.23	615.43	12.69	614.89	12.86	614.18	13.07	614.16
4/5/2021	10.26	617.43	12.54	616.57	12.56	615.76	12.98	615.68	12.45	615.13	12.42	614.62	12.68	614.55
6/16/2021	10.90	616.79	13.16	615.95	12.94	615.38	13.29	615.37	12.70	614.88	12.83	614.21	13.02	614.21
10/6/2021	11.79	615.90	13.81	615.30	13.36	614.96	13.70	614.96	12.97	614.61	13.17	613.87	13.43	613.80
12/15/2021	11.65	616.04	13.59	615.52	13.16	615.16	13.49	615.17	12.66	614.92	12.74	614.30	12.98	614.25
2/21/2022	11.40	616.29	13.63	615.48	13.19	615.13	13.50	615.16	12.79	614.79	12.92	614.12	13.10	614.13
3/21/2022	11.76	615.93	13.64	615.47	13.29	615.03	13.58	615.08	12.89	614.69	12.83	614.21	13.03	614.20
4/25/2022	10.37	617.32	12.27	616.84	12.45	615.87	12.81	615.85	12.14	615.44	11.79	615.25	11.98	615.25
5/17/2022	9.85	617.84	11.97	617.14	12.32	616.00	12.67	615.99	12.28	615.30	11.85	615.19	12.06	615.17
7/25/2022	10.57	617.12	13.01	616.10	12.91	615.41	13.22	615.44	12.58	615.00	12.65	614.39	12.89	614.34
10/24/2022	10.89	616.80	13.33	615.78	13.42	614.90	13.08	615.58	12.77	614.81	12.84	614.20	13.01	614.22
1/23/2023	10.90	616.79	13.40	615.71	12.58	615.74	13.27	615.39	12.65	614.93	12.57	614.47	12.49	614.74
4/24/2023	9.01	618.68	12.01	617.10	12.30	616.02	12.64	616.02	12.34	615.24	11.95	615.09	12.16	615.07
7/25/2023	10.82	616.87	13.20	615.91	13.00	615.32	13.34	615.32	12.78	614.80	12.81	614.23	13.06	614.17
10/16/2023	11.07	616.62	13.14	615.97	13.04	615.28	13.34	615.32	12.60	614.98	12.55	614.49	12.57	614.66

ft = feet

<sup>A</sup> = as measured inside well

NM = Not Measured

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 1**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-2110</b>		<b>PZ-2110</b>		<b>MW-2111</b>		<b>PZ-2111</b>		<b>MW-2112</b>		<b>PZ-2112</b>	
Ground Elevation (ft)	624.83		624.76		626.40		626.44		624.21		624.18	
Top of PVC Casing (TOC) Elevation (ft)	627.00		626.95		628.33		628.68		626.32		626.48	
Top of Screen Elevation (ft)	619.93		606.20		620.31		604.91		619.46		605.48	
Screen Length (ft)	10		2		10		2.5		10		2	
TOC to Bottom of Well (ft) <sup>A</sup>	17.07		22.75		18.02		26.27		16.86		23.00	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	12.68	614.32	12.94	614.01	12.24	616.09	12.57	616.11	9.99	616.33	10.16	616.32
4/5/2021	12.26	614.74	12.22	614.73	11.44	616.89	11.77	616.91	9.84	616.48	9.98	616.50
6/16/2021	12.86	614.14	12.85	614.10	12.39	615.94	12.71	615.97	10.48	615.84	10.61	615.87
10/6/2021	13.38	613.62	13.31	613.64	12.95	615.38	13.27	615.41	10.92	615.40	11.11	615.37
12/15/2021	12.85	614.15	12.79	614.16	12.37	615.96	13.71	614.97	10.00	616.32	10.18	616.30
2/21/2022	13.04	613.96	13.00	613.95	12.89	615.44	13.10	615.58	10.63	615.69	10.78	615.70
3/21/2022	12.90	614.10	12.89	614.06	12.55	615.78	12.71	615.97	10.46	615.86	10.73	615.75
4/25/2022	9.65	617.35	11.17	615.78	9.65	618.68	10.04	618.64	8.17	618.15	8.32	618.16
5/17/2022	11.38	615.62	11.31	615.64	10.64	617.69	11.01	617.67	9.25	617.07	10.33	616.15
7/25/2022	12.55	614.45	12.51	614.44	12.18	616.15	12.55	616.13	10.11	616.21	10.22	616.26
10/24/2022	12.91	614.09	12.85	614.10	12.46	615.87	12.79	615.89	10.47	615.85	10.65	615.83
1/23/2023	12.53	614.47	12.51	614.44	11.85	616.48	12.20	616.48	9.92	616.40	10.02	616.46
4/24/2023	11.47	615.53	11.42	615.53	9.53	618.80	11.32	617.36	9.47	616.85	9.57	616.91
7/25/2023	12.83	614.17	12.80	614.15	12.66	615.67	12.81	615.87	10.52	615.80	10.62	615.86
10/16/2023	12.13	614.87	12.10	614.85	12.10	616.23	12.24	616.44	9.60	616.72	9.75	616.73

ft = feet

<sup>A</sup> = as measured inside well

NM = Not Measured

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 1**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-2113</b>		<b>PZ-2113</b>		<b>MW-2114</b>		<b>PZ-2114</b>		<b>MW-61</b>		<b>PZ-61</b>	
Ground Elevation (ft)	625.20		625.10		624.72		624.72		623.52		623.56	
Top of PVC Casing (TOC) Elevation (ft)	627.33		627.36		626.80		626.80		624.03		624.15	
Top of Screen Elevation (ft)	620.34		606.48		620.13		606.98		617.20		605.60	
Screen Length (ft)	10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	16.99		22.88		16.67		21.82		16.83		21.05	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	10.81	616.52	10.84	616.52	10.54	616.26	10.62	616.18	9.69	614.34	9.83	614.32
4/5/2021	10.59	616.74	10.64	616.72	10.04	616.76	10.08	616.72	9.22	614.81	9.60	614.55
6/16/2021	11.14	616.19	11.20	616.16	10.59	616.21	10.64	616.16	9.63	614.40	9.80	614.35
10/6/2021	11.64	615.69	11.71	615.65	11.15	615.65	11.31	615.49	9.94	614.09	10.35	613.80
12/15/2021	10.68	616.65	11.47	615.89	10.89	615.91	10.82	615.98	9.68	614.35	10.04	614.11
2/21/2022	11.32	616.01	11.35	616.01	10.97	615.83	10.77	616.03	9.70	614.33	9.68	614.47
3/21/2022	11.18	616.15	11.39	615.97	10.86	615.94	10.96	615.84	9.66	614.37	9.84	614.31
4/25/2022	8.71	618.62	12.96	614.40	9.29	617.51	9.34	617.46	9.50	614.53	9.50	614.65
5/17/2022	9.88	617.45	9.96	617.40	9.39	617.41	9.42	617.38	8.67	615.36	8.95	615.20
7/25/2022	10.77	616.56	10.87	616.49	10.42	616.38	10.48	616.32	9.47	614.56	9.64	614.51
10/24/2022	11.17	616.16	11.23	616.13	10.69	616.11	10.73	616.07	9.29	614.74	9.64	614.51
1/23/2023	10.53	616.80	10.58	616.78	10.38	616.42	10.45	616.35	9.42	614.61	10.11	614.04
4/24/2023	10.10	617.23	10.15	617.21	9.55	617.25	9.52	617.28	8.71	615.32	8.93	615.22
7/25/2023	11.30	616.03	11.25	616.11	10.62	616.18	10.66	616.14	9.68	614.35	9.79	614.36
10/16/2023	9.65	617.68	9.70	617.66	10.41	616.39	10.50	616.30	9.00	615.03	8.55	615.60

ft = feet

<sup>A</sup> = as measured inside well

NM = Not Measured

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 2**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-2201</b>		<b>MW-2202</b>		<b>PZ-2202</b>		<b>MW-2203</b>		<b>PZ-2203</b>		<b>MW-31</b>		<b>MW-113</b>		<b>MW-114</b>		<b>PZ-118</b>	
Ground Elevation (ft)	626.06		625.52		625.62		624.95		624.81		624.38		623.51		623.06		622.64	
Top of PVC Casing (TOC) Elevation (ft)	628.22		627.89		627.74		627.38		627.21		627.67		623.15		622.57		622.33	
Top of Screen Elevation (ft)	620.40		620.02		606.33		619.40		604.83		615.96		619.49		619.11		606.05	
Screen Length (ft)	10		10		2.5		10		2.5		10		10		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	17.82		17.87		23.91		17.98		24.88		21.71		13.66		13.46		18.78	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	17.66	610.56	17.72	610.17	12.19	615.55	13.77	613.61	13.73	613.48	13.58	614.09	10.99	612.16	8.43	614.14	8.77	613.56
4/5/2021	11.29	616.93	9.64	618.25	9.50	618.24	12.06	615.32	12.26	614.95	11.95	615.72	10.40	612.75	8.22	614.35	7.42	614.91
6/16/2021	12.76	615.46	11.48	616.41	11.32	616.42	13.66	613.72	13.63	613.58	13.47	614.20	11.11	612.04	8.50	614.07	8.91	613.42
10/6/2021	13.97	614.25	13.41	614.48	13.39	614.35	14.65	612.73	14.53	612.68	14.56	613.11	11.49	611.66	9.01	613.56	9.76	612.57
12/15/2021	11.67	616.55	10.15	617.74	11.17	616.57	13.27	614.11	13.22	613.99	12.65	615.02	10.55	612.60	8.89	613.68	8.24	614.09
12/30/2021	11.47	616.75	10.04	617.85	11.21	616.53	13.27	614.11	13.35	613.86	12.75	614.92	NM	--	8.04	614.53	8.30	614.03
1/31/2022	13.90	614.32	11.30	616.59	11.42	616.32	13.47	613.91	13.44	613.77	13.09	614.58	NM	--	8.90	613.67	9.33	613.00
2/28/2022	11.92	616.30	11.60	616.29	11.50	616.24	13.52	613.86	13.45	613.76	13.01	614.66	NM	--	8.09	614.48	8.48	613.85
4/25/2022	8.09	620.13	5.93	621.96	8.04	619.70	9.89	617.49	10.43	616.78	8.89	618.78	8.74	614.41	5.40	617.17	5.24	617.09
7/25/2022	11.61	616.61	10.05	617.84	10.82	616.92	13.22	614.16	13.21	614.00	12.78	614.89	10.69	612.46	7.62	614.95	8.04	614.29
10/24/2022	11.70	616.52	11.00	616.89	10.82	616.92	13.51	613.87	13.47	613.74	14.07	613.60	11.07	612.08	7.46	615.11	8.71	613.62
1/23/2023	10.30	617.92	9.20	618.69	9.63	618.11	12.70	614.68	12.73	614.48	12.11	615.56	10.61	612.54	6.72	615.85	7.82	614.51
4/24/2023	10.30	617.92	8.77	619.12	8.87	618.87	11.48	615.90	11.81	615.40	11.22	616.45	10.43	612.72	6.51	616.06	7.27	615.06
7/25/2023	12.80	615.42	12.25	615.64	11.61	616.13	13.25	614.13	14.41	612.80	13.41	614.26	7.89	615.26	7.91	614.66	8.98	613.35
10/16/2023	9.93	618.29	4.94	622.95	9.90	617.84	12.13	615.25	12.21	615.00	10.94	616.73	9.78	613.37	6.75	615.82	6.63	615.70

ft = feet

<sup>A</sup> = as measured inside well

NM = Not Measured

-- no elevation

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 3**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-2301</b>		<b>PZ-2301</b>		<b>MW-2302</b>		<b>PZ-2302</b>		<b>MW-2303</b>		<b>PZ-2303</b>	
Ground Elevation (ft)	623.21		623.23		624.47		624.40		624.24		624.16	
Top of PVC Casing (TOC) Elevation (ft)	625.25		625.46		626.63		626.98		626.15		626.27	
Top of Screen Elevation (ft)	617.61		601.89		618.73		603.43		618.45		604.55	
Screen Length (ft)	10		2.5		10		2.5		10		2	
TOC to Bottom of Well (ft) <sup>A</sup>	17.64		26.07		17.90		26.05		17.70		23.72	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	12.27	612.98	13.09	612.37	13.71	612.92	14.29	612.34	16.74	609.41	16.52	609.75
4/5/2021	10.51	614.74	10.83	614.63	12.02	614.61	12.24	614.39	11.47	614.68	11.43	614.84
6/16/2021	11.63	613.62	11.88	613.58	12.51	614.12	13.13	613.50	12.10	614.05	12.21	614.06
10/6/2021	12.93	612.32	12.79	612.67	13.52	613.11	14.01	612.62	13.08	613.07	13.24	613.03
11/20/2021	11.71	613.54	11.85	613.61	12.64	613.99	13.23	613.40	12.24	613.91	12.45	613.82
12/15/2021	11.34	613.91	11.29	614.17	12.29	614.34	12.60	614.03	11.81	614.34	11.93	614.34
12/22/2021	11.25	614.00	11.42	614.04	12.32	614.31	12.80	613.83	11.85	614.30	11.96	614.31
1/24/2022	11.32	613.93	11.53	613.93	12.28	614.35	12.88	613.75	11.82	614.33	12.07	614.20
4/25/2022	8.32	616.93	8.74	616.72	11.05	615.58	10.47	616.16	10.62	615.53	10.47	615.80
7/25/2022	11.06	614.19	10.96	614.50	12.00	614.63	12.32	614.31	11.38	614.77	11.47	614.80
10/24/2022	11.87	613.38	12.85	612.61	12.41	614.22	13.10	613.53	12.10	614.05	12.21	614.06
1/23/2023	10.87	614.38	10.94	614.52	11.95	614.68	12.36	614.27	11.47	614.68	11.52	614.75
4/24/2023	9.97	615.28	10.23	615.23	11.35	615.28	11.55	615.08	10.75	615.40	10.79	615.48
7/25/2023	11.90	613.35	11.68	613.78	12.48	614.15	13.13	613.50	12.04	614.11	12.13	614.14
10/16/2023	10.84	614.41	10.20	615.26	11.51	615.12	11.68	614.95	11.22	614.93	11.24	615.03

ft = feet

<sup>A</sup> = as measured inside well



**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 4**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-65</b>		<b>MW-65R</b>		<b>MW-77</b>		<b>MW-1000</b>		<b>PZ-1000</b>		<b>MW-79</b>	
Ground Elevation (ft)	624.24				623.48		625.92		625.89		624.88	
Top of PVC Casing (TOC) Elevation (ft)	627.63				622.51		627.83		628.08		624.62	
Top of Screen Elevation (ft)	614.82				615.80		620.85		603.49		617.89	
Screen Length (ft)	10		10		10		10		2.5		10	
TOC to Bottom of Well (ft) <sup>A</sup>	22.81		20.57		16.71		16.98		27.09		16.42	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	15.39	612.24	NI	--	Dry	--	NM	--	NM	--	NM	--
4/5/2021	14.04	613.59	NI	--	9.86	612.65	16.74	611.09	17.35	610.73	9.44	615.18
6/16/2021	14.94	612.69	NI	--	NM	--	16.74	611.09	18.08	610.00	10.10	614.52
10/6/2021	15.72	611.91	NI	--	10.36	612.15	16.94	610.89	18.83	609.25	11.06	613.56
12/8/2021	16.01	611.62	NI	--	10.37	612.14	NM	--	NM	--	11.17	613.45
12/15/2021	15.42	612.21	NI	--	NM	--	16.93	610.90	18.35	609.73	10.68	613.94
1/12/2022	14.80	612.83	NI	--	NM	--	NM	--	NM	--	10.24	614.38
2/7/2022	14.93	612.70	NI	--	NM	--	NM	--	NM	--	10.82	613.80
4/25/2022	13.45	614.18	NI	--	10.38	612.13	16.95	610.88	16.94	611.14	6.61	618.01
7/25/2022	14.47	613.16	NI	--	NM	--	16.91	610.92	17.62	610.46	8.56	616.06
10/24/2022	15.76	611.87	NI	--	NM	--	NM	--	NM	--	10.45	614.17
1/23/2023	15.15	612.48	NI	--	10.36	612.15	16.93	610.90	18.01	610.07	9.66	614.96
4/24/2023	Abandoned		13.58	--	10.38	612.13	16.65	611.18	16.65	611.43	8.11	616.51
7/25/2023			14.90	--	NM	--	NM	--	NM	--	9.60	615.02
10/16/2023			14.63	--	NM	--	17.04	610.79	17.75	610.33	9.30	615.32

ft = feet

<sup>A</sup> = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

MW-65 replaced on 04/03/2023  
as MW-65R

**Table 1**  
**Groundwater Measurements and Elevations**  
**KEP Remediation Area Monitoring Wells and Piezometers-Area 4**  
**Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-80</b>		<b>MW-81</b>		<b>MW-82</b>		<b>PZ-82</b>		<b>MW-44</b>		<b>MW-108</b>	
Ground Elevation (ft)	624.21		624.63		625.10		625.10		624.86		624.00	
Top of PVC Casing (TOC) Elevation (ft)	623.81		624.35		624.89		624.89		624.54		623.83	
Top of Screen Elevation (ft)	617.00		617.39		618.00		618.00		619.95		619.57	
Screen Length (ft)	10		10		10		2		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	15.37		16.46		16.20		24.31		14.59		14.26	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--	NI	--	11.57	608.38	8.53	611.04
4/5/2021	6.18	617.63	9.16	615.19	10.69	614.20	NI	--	10.49	609.46	4.76	614.81
6/16/2021	7.02	616.79	10.72	613.63	16.04	608.85	NI	--	11.36	608.59	9.34	610.23
10/6/2021	8.65	615.16	11.73	612.62	12.65	612.24	12.75	612.14	12.21	607.74	10.09	609.48
12/8/2021	8.83	614.98	11.74	612.61	12.82	612.07	12.49	605.51	12.05	607.90	9.07	610.50
12/15/2021	7.39	616.42	10.75	613.60	12.27	612.62	11.98	612.91	11.65	608.30	7.14	612.43
1/12/2022	7.44	616.37	10.65	613.70	11.81	613.08	11.78	613.11	11.56	608.39	NM	--
2/7/2022	8.57	615.24	10.98	613.37	12.01	612.88	11.50	613.39	12.15	607.80	8.48	611.09
4/25/2022	3.19	620.62	7.19	617.16	9.32	615.57	10.75	614.14	10.02	609.93	3.02	616.55
7/25/2022	4.23	619.58	9.18	615.17	10.55	614.34	10.71	614.39	10.40	609.55	7.64	611.93
10/24/2022	7.82	615.99	11.39	612.96	12.36	612.53	11.78	613.11	12.41	607.54	9.27	610.30
1/23/2023	6.40	617.41	10.35	614.00	10.72	614.17	11.37	613.52	11.53	608.42	7.16	612.41
4/24/2023	4.30	619.51	8.70	615.65	9.78	615.11	9.92	608.08	9.83	610.12	4.54	615.03
7/25/2023	6.46	617.35	10.91	613.44	11.87	613.02	12.86	612.03	11.21	608.74	9.60	609.97
10/16/2023	6.27	617.54	10.03	614.32	10.48	614.41	11.88	606.12	10.92	609.03	6.52	613.05

ft = feet

<sup>A</sup> = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

MW-65 replaced on 04/03/2023

as MW-65R

**Table 1  
Groundwater Measurements and Elevations  
KEP Perimeter and Existing Interior Wells  
Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-69R</b>		<b>PZ-69R</b>		<b>MW-70R</b>		<b>MW-71R</b>		<b>MW-101</b>		<b>MW-102</b>		<b>MW-103</b>	
Ground Elevation (ft)	625.43		625.45		626.44		627.38		624.38		624.61		624.49	
Top of PVC Casing (TOC) Elevation (ft)	627.72		627.93		628.82		630.10		623.84		623.98		624.11	
Top of Screen Elevation (ft)	619.01		603.63		620.23		621.15		620.87		621.26		621.26	
Screen Length (ft)	10		2.5		10		10		10		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	18.71		26.80		18.59		18.95		12.97		12.72		12.85	
<b>Date</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>
12/7/2020	12.96	614.76	13.78	614.15	14.18	614.64	15.59	614.51	NM	--	NM	--	NM	--
4/5/2021	11.91	615.81	12.10	615.83	13.01	615.81	14.31	615.79	5.94	617.90	5.35	618.63	5.36	618.75
6/16/2021	12.86	614.86	13.10	614.83	14.04	614.78	15.49	614.61	7.08	616.76	5.80	618.18	5.74	618.37
10/6/2021	13.64	614.08	13.82	614.11	14.93	613.89	16.44	613.66	7.60	616.24	6.13	617.85	6.15	617.96
12/15/2021	13.13	614.59	13.37	614.56	14.35	614.47	15.49	614.61	6.81	617.03	5.44	618.54	5.62	618.49
4/25/2022	11.13	616.59	11.35	616.58	12.40	616.42	13.02	617.08	4.86	618.98	4.48	619.50	4.65	619.46
7/25/2022	12.97	614.75	12.86	615.07	13.73	615.09	15.03	615.07	5.98	617.86	5.19	618.79	5.15	618.96
10/24/2022	13.16	614.56	13.38	614.55	14.32	614.50	15.75	614.35	6.67	617.17	5.73	618.25	5.79	618.32
1/23/2023	12.51	615.21	12.70	615.23	13.74	615.08	14.99	615.11	6.51	617.33	5.51	618.47	5.54	618.57
4/4/2023	11.05	616.67	9.00	618.93	12.09	616.73	13.43	616.67	5.70	618.14	5.02	618.96	5.11	619.00
7/25/2023	13.10	614.62	13.27	614.66	14.17	614.65	15.71	614.39	6.91	616.93	5.64	618.34	5.57	618.54
10/16/2023	--	--	--	--	--	--	--	--	5.65	618.19	4.71	619.27	7.74	616.37

ft = feet

<sup>A</sup> = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

**Table 1  
Groundwater Measurements and Elevations  
KEP Perimeter and Existing Interior Wells  
Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-105</b>		<b>MW-107</b>		<b>MW-109</b>		<b>MW-110</b>		<b>MW-111</b>		<b>MW-112</b>		<b>MW-115</b>	
Ground Elevation (ft)	624.01		625.93		625.30		623.19		621.77		621.81		624.01	
Top of PVC Casing (TOC) Elevation (ft)	623.79		625.47		624.99		622.75		621.30		621.62		623.75	
Top of Screen Elevation (ft)	620.04		621.05		618.69		618.67		618.39		617.44		619.49	
Screen Length (ft)	10		10		10		10		10		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	13.75		14.42		16.30		14.08		12.91		14.18		14.26	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	10.11	613.68	11.68	613.79	13.92	611.07	6.65	616.10	7.39	613.91	4.89	616.73	5.14	618.61
6/16/2021	10.33	613.46	12.64	612.83	14.32	610.67	8.37	614.38	8.31	612.99	6.63	614.99	7.67	616.08
10/6/2021	11.85	611.94	13.82	611.65	14.48	610.51	9.52	613.23	8.95	612.35	7.54	614.08	9.81	613.94
12/15/2021	10.44	613.35	13.09	612.38	14.08	610.91	6.49	616.26	7.58	613.72	4.51	617.11	8.50	615.25
4/25/2022	9.74	614.05	11.26	614.21	3.02	621.97	2.45	620.30	5.71	615.59	2.79	618.83	5.05	618.70
7/25/2022	10.18	613.61	12.23	613.24	14.02	610.97	7.53	615.22	7.48	613.82	4.59	617.03	6.72	617.03
10/24/2022	10.42	613.37	12.30	613.17	14.09	610.90	8.47	614.28	8.25	613.05	6.49	615.13	7.54	616.21
1/23/2023	10.32	613.47	12.91	612.56	13.99	611.00	7.23	615.52	7.70	613.60	4.72	616.90	6.77	616.98
4/4/2023	9.49	614.30	10.12	615.35	13.59	611.40	5.78	616.97	7.24	614.06	4.46	617.16	5.72	618.03
7/25/2023	10.14	613.65	12.24	613.23	14.10	610.89	8.58	614.17	8.91	612.39	6.49	615.13	8.13	615.62
10/16/2023	10.01	613.78	12.02	613.45	12.83	612.16	5.98	616.77	7.01	614.29	3.30	618.32	6.90	616.85

ft = feet

<sup>A</sup> = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

**Table 1  
Groundwater Measurements and Elevations  
KEP Perimeter and Existing Interior Wells  
Kenosha, Wisconsin**

<b>Well Number</b>	<b>MW-116</b>		<b>PZ-116</b>		<b>MW-117</b>		<b>PZ-117</b>		<b>MW-206</b>	
Ground Elevation (ft)	623.56		623.56		622.16		622.14		623.01	
Top of PVC Casing (TOC) Elevation (ft)	623.29		623.10		621.74		621.82		622.86	
Top of Screen Elevation (ft)	620.27		596.73		616.81		601.21		621.63	
Screen Length (ft)	10		2.5		10		2.5		10	
TOC to Bottom of Well (ft) <sup>A</sup>	13.02		28.87		14.93		23.11		11.23	
<b>Date</b>	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	7.82	615.47	8.10	615.00	7.39	614.35	7.90	613.92	6.96	615.90
6/16/2021	9.64	613.65	9.40	613.70	9.09	612.65	9.06	612.76	7.65	615.21
10/6/2021	10.47	612.82	10.27	612.83	9.63	612.11	9.72	612.10	8.34	614.52
12/15/2021	8.29	615.00	8.48	614.62	8.24	613.50	8.23	613.59	7.91	614.95
4/25/2022	3.37	619.92	5.39	617.71	6.05	615.69	5.71	616.11	6.35	616.51
7/25/2022	7.94	615.35	8.19	614.91	8.17	613.57	7.97	613.85	7.58	615.28
10/24/2022	9.51	613.78	9.43	613.67	8.98	612.76	9.12	612.70	7.75	615.11
1/23/2023	8.08	615.21	8.31	614.79	8.17	613.57	8.12	613.70	7.59	615.27
4/4/2023	7.18	616.11	7.50	615.60	7.96	613.78	7.71	614.11	6.52	616.34
7/25/2023	9.78	613.51	9.51	613.59	9.13	612.61	8.95	612.87	7.60	615.26
10/16/2023	6.04	617.25	6.91	616.19	7.23	614.51	7.13	614.69	7.19	615.67

ft = feet

<sup>A</sup> = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2101	12/09/20	7.12	NM	-97.5	1.339	14.20	644.38
		04/08/21	6.78	0.41	116.5	1.267	10.29	40.41
		02/22/22	7.65	0.20	-205.7	1.459	7.89	4.66
		03/21/22	7.18	0.07	-154.6	1.286	10.00	2.23
		04/27/22	7.60	0.11	75.6	1.401	8.05	0.96
		07/27/22	7.50	0.04	-288.4	1.343	16.46	0.00
		10/27/22	7.51	0.02	-309.5	1.125	15.29	127.11
		01/25/23	8.90	0.18	-400.4	1.048	8.15	39.09
		04/26/23	7.88	0.09	-290.8	1.037	10.89	8.23
		07/26/23	7.00	0.09	-189.1	1.873	17.92	0.23
		10/18/2023	7.13	0.03	-222.6	1.372	17.57	6.78
1	PZ-2101	12/09/20	7.07	NM	-76.6	2.517	14.09	740.99
		04/09/21	7.30	0.74	79.5	2.923	11.44	NM
		02/24/22	6.67	0.24	-75.3	7.314	8.06	12.99
		03/23/22	6.84	0.39	95.4	7.757	10.97	2.51
		04/27/22	4.62	0.01	-1122.8	6.734	18.19	82.92
		07/27/22	6.24	0.08	-137.9	8.111	15.65	12.77
		10/02/22	6.28	0.04	-160.5	5.124	14.15	44.84
		01/25/23	6.97	0.00	-28.2	8.395	10.34	0.00
		04/26/23	6.99	0.15	-168.7	8.511	11.13	49.24
				07/26/23	6.59	0.06	-183.9	8.171
		10/19/23	6.40	0.05	-205.0	8.193	14.49	88.24
1	MW-2102	12/15/20	6.96	NM	-77.8	1.502	12.62	71.06
		04/08/21	6.85	0.16	-16.3	1.448	10.66	47.01
		02/22/22	6.22	0.18	-103.7	3.237	7.73	7.54
		03/22/22	6.50	0.09	-25.1	2.689	7.76	19.91
		04/27/22	6.50	0.11	208.8	2.396	7.19	6.77
		07/25/22	5.92	0.06	-151.1	2.129	17.76	5.05
		10/27/22	6.10	NM	-92.3	1.851	15.15	11.41
		01/25/23	7.65	2.02	-147.9	0.595	7.05	22.58
		04/25/23	6.91	0.72	-420.0	2.042	9.66	57.44
				07/27/23	6.48	1.22	-184.2	0.003
		10/18/23	6.71	0.05	-302.7	2.398	15.65	47.76
1	MW-2103	12/14/20	7.00	0.06	-39.6	1.313	10.72	3.92
		04/08/21	7.21	0.07	-48.3	1.325	9.70	10.66
		02/23/22	6.82	0.23	-83.3	3.526	5.95	24.63
		03/22/22	7.13	0.09	-141.1	2.439	8.06	7.98
		04/27/22	6.94	NM	-122.2	3.657	7.73	3.72
		07/27/22	6.48	0.01	-183.1	2.060	17.08	20.35
		10/27/2022	6.93	0.07	-158.1	1.100	16.42	56.96
		1/25/2023	8.11	0.64	-91.3	2.465	6.75	10.10
		4/26/2023	7.30	0.14	-191.0	3.139	9.67	12.21
				7/26/2023	6.55	0.05	-164.8	1.620
		10/19/2023	7.01	0.23	-165.7	4.318	18.79	30.25

**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	PZ-2103	12/14/20	7.18	4.90	80.4	1.672	11.60	1.40
		04/09/21	7.43	2.83	126.4	2.062	11.15	NM
		02/24/22	6.74	0.11	-94.3	10.600	8.45	265.06
		04/07/22	7.04	0.27	-128.8	23.611	8.69	91.61
		05/05/22	7.05	0.19	-141.9	31.987	10.01	26.70
		07/27/22	6.75	0.00	-328.9	28.045	16.90	36.62
		10/27/22	6.65	0.01	-302.1	23.768	14.77	154.83
		01/25/23	8.37	0.01	-304.5	24.942	9.04	90.00
		04/26/23	6.88	0.05	-201.6	25.365	10.32	59.81
		07/26/23	6.45	0.13	-154.7	23.949	16.08	120.56
		10/19/23	6.48	0.06	-169.9	22.466	18.61	68.07
1	MW-2104	12/14/20	6.86	0.00	-63.1	2.676	12.54	26.42
		04/08/21	7.08	0.16	-70.5	2.461	10.26	9.56
		02/23/22	6.98	0.26	-27.0	1.539	7.81	21.61
		03/21/22	6.91	0.14	-15.3	1.231	10.26	18.04
		04/27/22	7.08	0.13	170.2	1.572	7.97	175.17
		07/25/22	6.68	0.03	-67.6	1.255	16.00	19.19
		10/24/22	7.25	0.09	-136.8	1.328	16.57	30.71
		01/23/23	7.23	0.13	-89.8	1.486	8.15	11.40
		04/25/23	7.31	0.22	-87.4	1.551	10.05	10.47
		07/24/23	6.83	0.09	-165.0	1.252	16.50	11.58
		10/16/23	6.89	0.09	-113.5	2.492	15.05	4.18
1	MW-2105	12/14/20	7.01	0.11	-71.9	1.885	9.93	14.48
		04/08/21	7.11	0.17	-61.3	1.621	10.31	1.91
		02/23/22	7.20	0.16	-81.9	2.270	7.77	11.58
		03/23/22	7.10	0.17	63.0	1.726	9.13	9.43
		04/26/22	7.34	0.52	-87.7	1.974	9.34	0.52
		07/26/22	6.62	0.03	-91.2	2.031	17.56	16.72
		10/24/22	7.24	0.05	-214.9	2.545	16.42	15.11
		01/23/23	6.90	0.06	-169.6	2.198	7.62	0.00
		04/24/23	7.06	0.21	-286.8	2.122	10.40	2.13
		07/25/23	7.02	0.78	-201.4	2.589	18.61	1.07
		10/16/23	6.57	0.12	-201.0	1.864	14.31	9.57
1	PZ-2105	12/10/20	7.51	NM	51.6	1.296	11.97	8.73
		04/08/21	7.48	1.80	109.1	0.892	11.73	14.02
		02/22/22	7.46	3.23	-115.3	1.034	8.82	3.41
		03/22/22	7.60	2.38	-63.3	1.013	9.13	3.23
		04/26/22	7.54	3.40	132.9	1.013	9.97	0.00
		07/26/22	7.49	0.78	87.3	1.110	17.69	228.30
		10/24/22	9.95	2.94	-95.9	1.203	15.62	9.51
		01/23/23	8.01	4.83	-110.5	0.929	7.96	0.00
		04/24/23	7.73	2.54	-126.5	1.043	11.07	12.92
		07/25/23	7.25	0.84	-124.3	1.014	19.15	9.52
		10/16/23	7.45	0.86	-166.4	0.997	13.50	20.92

**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2106	12/14/20	7.05	0.03	-47.1	1.424	11.36	3.76
		04/08/21	7.01	0.62	-70.7	1.578	12.30	2.36
		02/21/22	7.04	0.26	-138.5	1.338	9.28	8.20
		03/21/22	7.07	0.12	224.1	1.786	10.58	3.23
		04/27/22	7.27	NM	-174.7	1.956	8.33	9.94
		07/27/22	6.84	0.00	-17.0	1.593	15.19	19.54
		10/27/22	6.96	NM	-210.1	1.607	15.18	0.00
		01/23/23	6.99	0.08	-147.1	2.524	8.88	18.41
		04/24/23	7.01	0.17	-275.7	2.345	9.74	18.89
		07/25/23	6.60	0.45	-213.0	1.453	18.03	14.50
		10/16/23	6.41	0.18	-187.5	2.268	14.07	3.47
1	MW-2107	12/09/20	7.41	0.04	-136.9	0.968	13.81	7.67
		04/07/21	6.43	10.96	60.3	9.300	13.33	2.11
		02/21/22	6.82	0.23	-109.0	1.341	8.70	5.34
		03/21/22	7.13	0.14	167.2	1.519	10.81	0.13
		04/26/22	7.45	NM	14.9	2.938	8.05	0.85
		07/25/22	6.83	1.33	-70.5	1.420	13.85	11.12
		10/27/22	7.07	0.08	-190.7	1.318	14.38	8.55
		01/24/23	7.32	0.36	-51.3	4.293	9.60	75.73
		04/26/23	7.42	0.41	-256.8	2.050	9.81	83.26
				07/25/23	6.51	0.03	-206.2	0.721
		10/17/23	6.86	0.28	-194.6	1.235	13.92	110.66
1	PZ-2107	12/09/20	7.38	4.33	25.4	3.055	13.60	2.72
		04/08/21	7.49	6.18	143.4	2.050	12.40	4.81
		02/22/22	7.64	7.89	-70.8	0.514	8.81	0.14
		03/22/22	7.57	0.25	72.8	1.979	9.32	10.66
		04/26/22	7.06	1.40	215.5	2.098	8.82	9.79
		07/25/22	7.25	0.34	-67.5	2.354	14.08	2.07
		10/27/22	7.36	0.16	-210.8	2.067	13.61	27.47
		01/24/23	7.62	1.05	-15.0	3.132	10.38	81.51
		04/02/23	7.76	2.49	-137.4	2.151	10.59	0.91
				07/25/23	6.78	0.28	-141.0	2.133
		10/17/23	7.35	0.18	-155.6	1.565	13.53	6.65
1	MW-2108	12/09/20	7.64	0.08	-220.4	0.601	14.01	2.10
		04/07/21	6.76	10.55	-14.7	0.000	15.31	1.55
		02/21/22	7.45	0.26	-99.0	0.799	8.92	1.29
		03/21/22	7.23	0.12	33.2	0.688	11.19	3.84
		04/27/22	7.30	0.24	199.0	1.090	7.82	0.00
		07/25/22	6.99	0.12	-128.8	1.817	14.52	3.67
		10/24/22	7.38	0.04	-258.0	1.942	16.54	15.14
		01/23/23	7.25	0.04	-179.9	1.531	8.87	14.57
		04/25/23	7.40	0.12	-208.0	1.677	9.37	7.96
				07/24/23	7.02	0.22	-268.1	1.927
		10/17/23	7.10	0.17	-249.0	2.236	16.03	4.97



**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)	
1	MW-2109	12/09/20	7.23	0.06	-49.4	2.341	13.30	11.10	
		04/07/21	7.21	0.09	-73.4	2.492	11.57	19.50	
		02/21/22	7.31	0.07	43.3	1.358	10.15	480.76	
		03/21/22	7.29	0.30	223.4	2.383	10.42	56.36	
		04/26/22	7.27	NM	92.60	1.998	7.84	3.86	
		07/25/22	6.88	0.20	-70.6	2.906	15.34	78.98	
		10/26/22	Readings not recorded						
		01/24/23	8.41	0.61	-33.9	1.926	9.50	26.47	
		04/25/23	7.14	0.46	-148.6	2.980	9.91	3.86	
		07/24/23	7.01	0.30	-137.7	1.768	16.68	100.22	
		10/18/23	7.17	0.22	-116.4	1.147	15.76	7.95	
1	PZ-2109	12/09/20	7.01	0.06	-91.0	6.959	13.69	4.60	
		04/07/21	6.93	1.39	-35.5	6.824	12.00	6.21	
		02/21/22	7.09	0.57	28.2	5.843	10.82	9.36	
		03/21/22	6.93	0.54	242.8	7.627	11.57	17.02	
		04/26/22	6.70	0.22	236.4	7.081	8.05	3.07	
		07/25/22	6.71	0.16	-72.3	9.873	14.58	13.42	
		10/26/22	7.00	0.08	-111.2	7.865	13.70	12.20	
		01/24/23	8.14	0.29	-46.4	4.482	10.58	8.74	
		04/25/23	7.21	0.17	-145.2	6.245	11.16	174.84	
		07/24/23	6.87	0.10	-174.7	7.173	14.84	103.11	
		10/18/23	7.12	0.01	-158.8	6.119	14.83	20.24	
1	MW-2110	12/15/20	7.95	0.10	-57.4	1.665	10.83	0.00	
		04/07/21	6.83	0.26	38.2	2.128	11.16	18.37	
		02/21/22	7.19	0.09	47.4	1.491	8.97	48.80	
		03/21/22	6.94	0.21	287.4	1.719	10.90	26.94	
		04/27/22	7.07	0.82	211.5	1.977	8.72	0.89	
		07/25/22	6.66	0.25	-7.7	2.502	14.65	32.15	
		10/27/22	7.20	0.21	87.2	1.169	13.34	3.62	
		01/24/23	8.45	0.83	36.9	1.807	8.55	13.59	
		04/26/23	7.09	0.59	-22.0	1.589	9.67	39.21	
		07/24/23	7.18	0.40	-156.3	1.520	16.03	44.41	
		10/18/23	7.02	0.33	-73.9	1.824	14.80	18.44	
1	PZ-2110	12/08/20	7.28	NM	171.9	2.708	12.33	25.18	
		04/07/21	7.24	3.73	140.6	2.569	13.02	2.69	
		02/21/22	7.32	0.20	35.4	2.734	10.60	37.66	
		03/21/22	7.21	0.21	106.7	2.657	11.83	13.45	
		03/23/22	7.87	0.28	-68.1	2.844	9.94	9.15	
		04/27/22	7.12	NM	157.4	3.704	10.75	1.36	
		07/25/22	6.82	0.20	-43.9	3.773	14.03	23.28	
		10/27/22	6.98	NM	-96.1	1.468	13.26	4.69	
		01/24/23	8.67	3.79	52.9	2.292	7.32	1.91	
		04/26/23	7.47	3.33	-87.7	2.577	10.76	6.03	
		07/24/23	7.23	0.64	-162.2	2.813	15.49	22.96	
10/18/23	7.31	0.06	-153.7	2.944	14.48	29.82			

**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2111	12/11/20	6.82	NM	82.4	1.726	12.50	10.77
		04/08/21	6.87	1.11	105.8	1.723	10.47	2.85
		02/24/22	7.15	0.03	-167.9	5.040	8.59	304.24
		03/23/22	8.63	0.05	-206.2	2.439	9.75	72.26
		04/26/22	8.07	NM	-124.4	4.269	8.91	11.33
		07/27/22	6.89	0.04	-197.0	2.917	16.55	231.53
		10/27/22	6.62	NM	-155.2	2.723	14.51	93.03
		01/25/23	8.07	0.79	-157.8	2.098	8.08	126.02
		04/26/23	7.86	0.24	-313.2	3.742	10.38	1066.00
		07/27/23	7.25	3.30	-234.5	2.910	22.00	16.46
10/18/23	6.91	0.11	-236.4	2.813	18.03	3.54		
1	PZ-2111	12/11/20	7.13	NM	113.6	1.201	13.06	23.71
		04/08/21	7.88	4.13	108.9	1.043	11.79	3.00
		02/23/22	7.05	0.02	-157.7	6.738	10.01	267.18
		03/23/22	7.64	0.12	-129.5	6.952	10.40	31.67
		04/26/22	6.61	NM	55.2	6.989	10.19	37.92
		07/27/22	6.95	0.04	-191.8	6.796	15.86	848.38
		10/27/22	6.63	0.06	-171.3	5.113	14.22	449.36
		01/25/23	8.07	0.20	-322.3	5.187	6.83	67.06
		04/26/23	6.71	0.11	-157.8	5.341	11.09	8.48
		07/27/23	6.65	0.37	-203.1	4.245	17.36	25.80
10/18/23	6.86	0.04	-238.5	4.309	18.03	21.04		
1	MW-2112	12/15/20	6.87	NM	-54.3	1.316	11.03	5.70
		04/08/21	6.92	0.19	-42.2	1.254	11.14	123.28
		02/22/22	6.85	0.26	-142.5	1.344	6.00	6.58
		03/21/22	7.24	0.09	92.4	1.576	9.94	3.55
		04/26/22	7.67	NM	-196.5	1.325	7.80	14.78
		07/25/22	7.12	0.06	-150.3	1.524	15.54	9.04
		10/27/22	7.24	0.06	-268.0	1.101	15.65	17.66
		01/24/23	7.31	0.05	-107.0	2.053	8.02	44.80
		04/25/23	7.51	0.04	-413.6	1.557	10.25	48.13
		07/26/23	7.23	0.10	-269.5	1.477	16.58	6.47
10/18/23	6.99	0.04	-202.7	1.172	17.23	14.39		
1	PZ-2112	12/15/20	8.26	7.18	238.4	2.702	11.20	0.00
		04/08/21	7.38	4.74	98.4	2.097	12.80	5.94
		02/22/22	7.11	3.15	-112.3	0.785	4.38	0.26
		03/21/22	7.41	0.25	125.8	1.577	11.40	4.49
		04/26/22	7.28	0.25	175.0	1.478	8.31	0.94
		07/25/22	7.18	0.10	-187.3	1.665	13.97	5.00
		10/27/22	7.35	0.05	-284.8	1.303	15.01	115.61
		01/24/23	7.50	0.15	-75.8	2.324	7.73	38.06
		04/25/23	7.52	0.13	-189.5	1.635	10.61	56.81
		07/26/23	7.39	0.45	-238.2	1.512	15.94	158.62
10/18/23	7.33	0.07	-198.2	1.738	14.59	37.35		

**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2113	12/14/20	6.94	NM	-54.8	1.363	10.90	24.95
		04/08/21	7.04	0.12	-83.1	1.228	10.06	4.03
		02/23/22	7.33	0.23	-63.2	1.472	5.27	21.83
		03/22/22	7.13	0.14	-187.6	2.391	8.40	2.55
		04/26/22	7.50	NM	-165.1	2.040	8.98	13.68
		07/27/22	6.90	0.01	-201.1	1.421	17.52	33.93
		10/27/22	6.86	NM	-122.5	1.650	15.85	2.48
		01/22/23	8.21	1.40	-98.2	2.201	7.19	5.08
		04/26/23	7.36	0.30	-198.6	1.920	9.66	28.00
		07/26/23	7.24	0.14	-190.1	1.379	16.93	0.42
10/17/23	6.99	0.42	-94.3	2.835	16.41	58.92		
1	PZ-2113	12/14/20	7.05	NM	239.0	1.982	10.89	3.96
		04/09/21	7.09	1.18	66.9	1.875	10.78	NM
		02/24/22	7.30	0.16	-131.1	3.276	6.57	9.13
		03/23/22	8.15	0.10	-159.4	3.727	9.66	6.21
		04/26/22	6.48	1.14	149.6	2.909	9.04	14.97
		07/27/22	7.08	0.00	-206.5	3.791	17.63	23.42
		10/27/22	6.93	NM	-241.1	3.044	15.03	77.50
		01/25/23	8.94	0.21	-321.9	3.140	6.74	46.07
		04/26/23	7.21	0.08	-232.4	3.089	10.83	26.55
		07/26/23	7.51	0.10	-274.7	3.124	16.53	7.96
10/17/23	7.29	0.09	-240.6	2.791	16.19	140.50		
1	MW-2114	12/14/20	7.23	NM	-71.3	1.025	10.48	61.21
		04/07/21	7.03	0.12	-82.9	1.008	13.03	5.70
		02/21/22	6.96	0.23	-80.4	1.113	7.83	463.05
		03/21/22	7.00	0.10	79.0	1.098	10.22	16.73
		04/26/22	7.79	NM	-27.2	1.744	8.10	1.20
		07/25/22	6.97	0.04	-124.8	1.391	15.33	14.24
		10/24/22	7.40	0.06	-224.9	1.433	16.90	12.66
		01/24/23	7.35	0.04	-76.4	2.629	9.43	57.12
		04/26/23	7.27	0.11	-214.5	1.827	9.04	5.80
		07/24/23	6.90	0.79	-238.7	1.455	19.51	5.28
10/16/23	6.93	0.08	-220.8	2.184	14.89	21.08		
1	PZ-2114	12/14/20	7.63	NM	75.1	1.057	11.58	3.57
		04/07/21	7.69	2.89	-2.1	0.947	17.19	2.95
		02/21/22	7.20	1.92	191.2	0.669	7.59	3.16
		03/21/22	7.53	NM	71.3	0.741	11.89	18.47
		04/26/22	7.58	2.02	182.3	1.026	8.08	0.00
		07/25/22	7.51	0.86	-50.6	1.137	15.11	17.15
		10/24/22	7.74	0.36	-152.5	1.272	16.07	6.84
		01/24/23	7.82	2.13	-8.6	1.746	10.34	70.96
		04/26/23	7.68	2.40	140.9	1.246	9.79	140.90
		07/24/23	7.40	1.06	-116.3	1.187	16.61	41.07
10/16/23	7.61	0.24	-168.0	1.142	14.14	12.54		

**Table 2  
Groundwater Field Parameters  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-61	12/11/20	8.03	0.10	-105.0	1.457	12.84	0.32
		04/08/21	7.22	0.24	-89.1	1.524	10.55	23.04
		02/23/22	7.40	0.39	-6.6	0.303	6.80	76.64
		03/22/22	7.47	0.16	-151.9	1.750	9.23	11.65
		04/27/22	7.21	0.72	210.2	0.883	9.94	22.68
		07/25/22	6.96	0.17	-93.2	2.927	14.26	11.48
		10/27/22	7.13	NM	-210.9	1.325	14.70	5.97
		01/24/23	8.35	0.39	-119.9	1.308	10.01	1.20
		04/26/23	7.40	0.19	-256.8	1.421	10.62	33.81
		07/26/23	7.23	0.16	-204.7	1.636	14.97	109.60
		10/19/23	7.11	0.00	-229.7	1.618	14.62	9.17
1	PZ-61	12/11/20	7.74	2.00	-120.9	4.355	10.83	54.19
		04/07/21	6.69	2.92	-98.7	2.265	13.07	171.07
		02/21/22	7.25	0.13	15.8	0.425	8.69	30.02
		03/21/22	6.41	0.12	9.1	2.680	13.68	97.38
		04/27/22	6.54	NM	9.5	2.116	9.53	58.64
		07/25/22	6.06	0.14	-92.7	3.939	13.86	132.71
		07/26/22	6.06	0.14	-92.7	3.939	13.86	132.71
		10/27/22	6.48	NM	-149.6	2.552	13.5	73.18
		01/24/23	7.92	0.30	-133.8	2.762	10.3	108.86
		04/26/23	6.57	0.13	-231.2	1.068	11.3	107.85
		07/26/23	6.62	0.19	-173.9	2.553	15.1	152.19
				10/19/23	6.68	0.15	-193.1	3.344

mg/L = milligrams per liter mV = millivolts

NM = Not Measured

°C= degrees Celcius

mS/cm = milliSiemens per centimeter

ntu = nephelometric turbidity units

**Table 2  
Groundwater Field Parameters  
Treatment Area 2  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)	
2	MW-31	05/16/18	7.06	6.82	37.3	1.473	13.58	NM	
		10/18/18	6.91	2.37	42.4	1.879	15.09	NM	
		04/16/19	6.81	0.33	150.3	1.924	12.89	NM	
		10/09/19	6.79	4.16	39.0	1.340	17.09	NM	
		04/15/20	6.76	4.36	261.0	1.569	7.20	NM	
		11/04/20	6.95	0.22	49.1	1.147	16.47	NM	
		12/10/20	6.98	10.62	224.7	0.480	12.59	0.00	
		04/09/21	6.81	2.21	185.1	1.158	10.18	NM	
		12/30/21	7.58	0.49	-59.00	4.028	11.06	15.83	
		01/31/22	7.47	0.13	-91.60	1.445	9.56	13.21	
		02/28/22	7.83	0.15	-97.1	1.735	8.00	5.73	
		04/26/22	9.40	0.02	-1727.4	1.572	12.11	36.15	
		07/26/22	6.95	0.00	-116.7	1.753	15.02	75.49	
		10/26/22	7.25	0.10	-164.5	2.019	13.00	6.99	
		01/24/23	7.54	0.00	-208.1	1.765	8.73	11.42	
		04/25/23	7.59	1.17	-236.7	1.669	8.96	45.12	
07/25/23	7.24	0.07	-287.1	1.383	18.42	93.65			
10/17/23	7.03	0.29	-237.6	1.714	13.77	40.74			
2	MW-113	05/16/18	7.25	6.33	37.3	1.144	11.10	NM	
		10/18/18	7.85	0.44	73.6	1.449	15.44	NM	
		04/16/19	7.16	3.07	170.1	1.939	11.00	NM	
		10/09/19	7.11	1.14	32.6	1.681	16.70	NM	
		04/15/20	7.13	1.96	213.4	1.756	9.17	NM	
		11/04/20	7.12	0.97	57.7	1.831	18.66	NM	
		12/10/20	6.86	7.46	238.6	2.743	12.28	14.20	
		04/05/21	7.31	2.44	137.9	1.578	11.85	NM	
		12/30/21	NM	NM	NM	NM	NM	NM	NM
		01/31/22	NM	NM	NM	NM	NM	NM	NM
		02/28/22	NM	NM	NM	NM	NM	NM	NM
		04/26/22	8.24	8.72	-500.2	2.474	11.40	0.00	
		07/26/22	6.75	0.54	47.4	2.696	17.04	18.24	
		10/26/22	7.13	0.68	-110.3	3.720	14.00	6.30	
		01/24/23	7.50	2.27	-54.3	3.900	9.84	0.00	
		04/25/23	7.08	6.00	-85.5	2.317	8.49	0.77	
07/27/23	7.05	0.48	-28.6	3.398	15.79	8.67			
10/18/23	6.92	5.26	-102.4	2.583	17.11	23.99			
2	MW-114	05/16/18	7.30	NM	-36.5	1.102	11.99	NM	
		10/17/18	7.16	0.20	-109.6	1.115	14.22	NM	
		04/16/19	7.09	0.14	-79.6	1.041	9.66	NM	
		10/09/19	6.93	1.93	-9.4	1.103	16.84	NM	
		04/15/20	7.38	0.19	-76.7	1.048	7.44	NM	
		11/04/20	7.17	NM	-77.1	0.994	15.72	NM	
		12/10/20	7.22	0.09	-96.0	1.065	12.98	3.30	
		04/05/21	7.22	0.43	-93.3	1.044	12.16	NM	
		12/30/21	7.39	0.29	79.40	2.392	11.71	103.94	
		01/31/22	7.61	9.81	-72.70	1.600	7.29	5.03	
02/28/22	7.32	0.22	-8.1	1.173	9.21	9.32			

**Table 2  
Groundwater Field Parameters  
Treatment Area 2  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	MW-114	04/25/22	8.78	0.09	-1612.9	1.251	12.48	72.36
		07/26/22	6.86	0.00	-175.9	1.422	16.60	41.22
		10/26/22	7.26	0.31	-272.4	1.383	13.80	7.60
		01/24/23	7.82	0.14	-174.6	1.445	9.25	38.60
		04/25/23	7.23	0.16	-293.7	1.196	8.40	65.29
		07/26/23	7.26	0.13	-214.4	1.368	18.67	16.92
		10/18/23	7.15	0.12	-207.4	1.365	20.29	32.53
2	PZ-118	05/16/18	7.12	0.88	-59.9	1.292	12.79	NM
		10/17/18	7.40	0.19	-37.8	1.714	14.34	NM
		04/17/19	6.99	1.39	33.9	1.742	8.81	NM
		10/09/19	6.97	0.09	-12.6	1.655	15.62	NM
		04/15/20	6.86	0.15	65.5	2.120	8.38	NM
		11/04/20	7.03	0.09	-75.4	1.657	17.37	NM
		12/10/20	6.84	0.02	-66.3	1.840	13.39	8.01
		04/05/21	7.03	10.77	189.1	2.650	11.33	NM
		12/30/21	7.22	0.89	138.20	3.930	11.49	6.45
		01/31/22	7.26	0.58	-61.6	1.641	9.93	2.25
		02/28/22	7.23	1.46	-54.0	4.407	13.02	86.27
		04/26/22	8.34	0.05	-1298.5	2.474	11.54	20.82
		07/26/22	6.79	0.00	-64.4	1.883	14.72	24.72
		10/26/22	7.25	0.53	-208.3	1.868	13.60	8.60
		01/24/23	7.85	5.59	-92.0	1.258	9.30	16.53
04/25/23	7.52	0.13	-194.4	1.747	8.28	19.30		
07/26/23	7.19	0.02	-248.0	1.397	14.76	12.24		
10/18/23	7.19	0.07	-214.2	1.523	19.94	5.25		
2	MW-2201	12/09/20	7.06	NM	-134.6	1.165	12.70	334.24
		04/09/21	6.77	5.58	151.2	1.250	9.51	0.00
		12/30/21	7.60	0.14	-22.00	3.071	11.31	0.00
		01/31/22	7.66	0.14	-50.4	1.017	9.04	1.45
		02/28/22	7.66	0.21	-97.2	1.241	9.93	7.96
		04/26/22	8.22	0.15	-1226.4	1.401	11.59	12.12
		07/26/22	6.78	0.00	-176.5	1.264	14.68	22.05
		10/26/22	7.63	0.06	-244.1	1.609	13.67	7.64
		01/24/23	7.33	0.76	-116.1	2.254	8.89	23.49
		04/25/23	7.17	0.13	-164.1	1.196	8.06	47.11
		07/25/23	7.30	0.39	-272.2	1.210	15.15	29.22
10/17/23	7.04	0.30	-176.2	1.600	14.87	43.60		
2	MW-2202	12/08/20	7.04	0.55	-56.3	1.171	11.72	0.27
		04/09/21	6.30	3.47	67.1	1.173	10.27	0.00
		12/30/21	6.94	2.09	199.70	3.659	7.58	65.46
		01/31/22	7.39	0.23	152.1	1.721	7.34	27.19
		02/28/22	7.78	0.15	-123.0	1.728	8.16	22.67
		04/26/22	7.40	0.12	-1089.2	1.148	12.89	2.02
		07/26/22	6.86	0.15	-95.8	1.571	15.61	6.40
		10/26/22	6.88	0.07	-244.9	1.726	13.07	10.46
		01/24/23	7.23	0.03	-104.2	1.825	7.88	0.00
		04/24/23	7.39	0.18	-190.1	1.126	10.10	119.57
		07/25/23	6.90	0.03	-261.2	1.103	15.79	59.76
10/17/23	6.94	0.00	-164.7	1.473	15.68	7.09		

**Table 2  
Groundwater Field Parameters  
Treatment Area 2  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	PZ-2202	12/08/20	7.13	0.62	-60.2	1.431	11.67	11.63
		04/09/21	7.30	4.04	48.3	1.570	11.72	7.03
		12/30/21	6.57	0.11	147.70	3.897	10.47	69.32
		01/31/22	6.88	0.11	90.7	2.004	9.77	30.35
		02/28/22	6.94	0.12	-76.5	2.253	9.04	9.26
		04/26/22	3.96	0.03	-1159.3	2.212	13.50	93.04
		07/26/22	6.32	0.02	-76.9	2.191	17.36	94.44
		10/26/22	6.30	0.09	-169.2	2.399	12.46	10.57
		01/24/23	6.59	0.16	-141.8	2.066	8.27	171.81
		04/24/23	7.03	0.16	-229.3	1.927	10.18	128.57
		07/25/23	7.21	6.62	-261.9	1.600	25.35	328.11
10/17/23	6.85	0.05	-193.6	2.185	15.47	47.94		
2	MW-2203	12/08/20	6.90	0.55	3.6	1.252	12.12	3.14
		04/09/21	7.40	3.50	161.5	1.181	10.57	3.99
		12/30/21	7.17	0.43	167.00	2.807	8.98	0.00
		01/31/22	7.37	0.37	193.3	1.129	10.34	0.09
		02/28/22	7.99	3.38	215.2	1.302	7.66	0.23
		04/26/22	9.27	0.51	-594.2	1.343	11.49	5.28
		07/26/22	6.85	0.14	111.5	1.451	13.67	1.24
		10/26/22	7.02	0.12	58.7	1.571	13.71	2.21
		01/24/23	7.45	0.54	29.4	1.282	8.23	0.00
		04/24/23	7.94	2.71	-64.1	1.161	11.31	0.11
		07/25/23	7.54	0.19	69.8	1.099	15.26	92.16
10/17/23	7.17	0.49	128.9	1.369	13.73	0.00		
2	PZ-2203	12/08/20	7.38	5.67	217.1	1.352	11.56	0.00
		04/09/21	7.25	5.13	181.6	1.278	11.43	1.64
		12/30/21	7.51	1.60	146.20	2.603	9.89	13.94
		01/31/22	7.45	6.20	194.1	1.118	8.05	0.00
		02/28/22	7.91	2.75	208.4	1.307	7.37	0.00
		04/26/22	9.80	1.69	-558.8	1.224	12.60	2.56
		07/26/22	7.32	0.13	99.6	1.320	14.80	113.39
		10/26/22	7.37	0.14	8.4	1.471	12.31	107.92
		01/24/23	7.76	3.85	39.8	1.023	9.60	0.00
		04/24/23	7.37	0.89	-21.9	1.295	9.34	0.00
		07/25/23	7.12	0.21	140.1	1.282	16.98	43.24
10/17/23	7.49	0.16	-117.5	1.269	12.43	4.66		

mg/L = milligrams per liter    mV = millivolts

NM = Not Measured

°C= degrees Celcius

mS/cm = milliSiemens per centimeter

ntu = nephelometric turbidity units

**Table 2  
Groundwater Field Parameters  
Treatment Area 3  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
3	MW-2301	12/15/20	6.83	NM	-1.5	0.986	12.08	12.34
		04/09/21	6.80	0.00	-41.3	162.4	8.80	NM
		11/20/21	7.46	0.11	-273.2	3.556	12.71	263.24
		12/22/21	7.83	0.09	-242.4	1.416	9.49	4.53
		01/24/22	8.00	0.06	122.1	1.214	10.56	67.17
		04/26/22	7.78	0.04	-126.8	1.141	8.14	1.47
		07/26/22	7.93	0.06	-207.2	0.329	15.33	529.50
		10/26/22	6.45	NM	-8.9	1.108	14.09	22.93
		01/23/23	7.83	0.25	-224	1.023	7.54	54.05
		04/24/23	7.89	0.17	-288.3	1.058	9.75	98.13
		07/24/23	6.82	0.41	-232.5	0.729	16.97	54.8
10/18/23	6.85	0.09	-203.4	0.896	18.68	41.1		
3	PZ-2301	12/07/20	7.10	NM	8.7	1.204	11.64	42.15
		04/09/21	7.21	11.37	-24.2	28.290	8.12	NM
		11/20/21	7.56	0.23	-263.8	2.056	11.44	103.54
		12/22/21	7.79	0.09	-247.0	1.080	9.69	16.51
		01/24/22	8.17	0.04	77.7	0.768	9.58	18.94
		04/26/22	9.38	0.07	-170.0	0.724	10.01	15.69
		07/27/22	9.53	0.13	-104.2	0.413	18.06	31.55
		10/26/22	10.23	NM	-198.7	0.972	12.68	4.99
		01/23/23	10.84	0.32	-228.0	0.727	7.23	2.85
		07/24/23	10.47	0.49	-342.8	0.463	15.49	21.16
		10/18/23	10.67	0.05	-365.4	0.409	18.46	5.84
3	MW-2302	12/07/20	7.71	NM	-159.9	1.615	11.95	0.00
		04/09/21	6.77	3.47	-2.5	5.300	9.99	NM
		11/20/21	7.72	0.16	-218.4	2.304	12.77	3.20
		12/22/21	7.32	0.12	-99.4	1.977	9.29	2.00
		01/24/22	7.64	0.10	235.0	1.865	8.40	18.09
		04/27/22	7.66	6.05	29.6	1.911	6.74	0.50
		07/26/22	8.06	0.09	-190.9	2.002	15.16	27.49
		10/26/22	7.73	NM	-254.7	4.957	13.32	0.00
		01/23/23	7.47	0.32	-79.4	2.054	7.81	0.00
		04/24/23	7.63	0.32	-277.1	2.360	9.78	0.14
		07/24/23	7.55	0.03	-412.6	2.198	15.89	8.83
10/18/23	7.16	0.04	-140.5	1.288	18.72	0.47		
3	PZ-2302	12/07/20	6.97	NM	-46.0	2.612	12.16	54.12
		04/09/21	7.59	1.56	-52.0	20.570	7.92	NM
		11/20/21	7.20	0.15	-162.9	2.555	12.17	0.00
		12/22/21	7.05	0.35	-84.7	2.137	9.44	0.00
		01/24/22	7.47	0.86	264.2	2.049	9.34	2.17
		04/27/22	7.37	0.25	16.1	3.164	8.31	0.29
		07/26/22	7.04	0.23	-75.5	1.705	15.40	5.89
		10/26/22	7.07	0.40	-85.7	4.657	12.89	0.00
		01/23/23	7.46	1.06	-70.4	2.577	10.36	0.00
		04/24/23	7.73	1.05	142.8	2.165	10.42	0.00
		07/24/23	7.15	0.08	-326.2	2.076	14.79	14.51
10/18/23	7.23	0.02	-162.9	2.104	17.76	0.66		



**Table 2**  
**Groundwater Field Parameters**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
3	MW-2303	12/08/20	7.19	NM	58.5	1.202	10.78	2195.60
		04/09/21	7.52	18.48	-47.8	27.920	9.80	NM
		11/20/21	7.46	0.20	-228.4	1.266	12.37	39.39
		12/22/21	6.80	0.46	-124.8	1.750	8.04	134.92
		01/24/22	7.76	0.22	248.8	0.666	8.76	23.24
		04/27/22	7.37	0.19	-76.1	2.623	7.89	9.46
		07/26/22	7.40	0.20	-138.3	1.020	17.39	3.48
		10/26/22	7.64	0.22	-153.3	2.244	13.74	0.40
		01/23/23	7.99	0.69	-142.5	1.491	5.84	0.09
		04/24/23	7.83	0.11	-295.3	1.931	9.58	0.60
		07/24/23	7.28	0.24	-264.3	1.913	15.34	7.45
10/18/23	7.40	0.03	-251.0	1.397	19.17	2.65		
3	PZ-2303	12/08/20	6.78	NM	-30.4	1.355	11.82	10.75
		04/09/21	7.00	17.63	-22.3	27.910	9.90	NM
		11/20/21	6.96	0.15	-220.5	2.827	13.47	1.22
		12/22/21	6.91	0.78	-183.6	2.579	7.23	8.70
		01/24/22	7.32	0.13	258.5	1.430	8.99	0.00
		04/27/22	7.09	0.15	-13.2	3.717	8.35	3.74
		07/26/22	6.85	0.12	-129.9	125.51	16.54	19.79
		10/26/22	7.21	NM	-280.2	4.20	13.88	43.58
		01/23/23	7.68	0.49	-140.0	2.10	7.47	0.36
		04/24/23	7.60	0.16	-239.9	1.93	11.28	19.90
		07/24/23	7.23	0.12	-230.1	1.98	15.34	15.45
10/18/23	7.24	0.00	-228.3	1.88	18.58	7.69		

mg/L = milligrams per liter

mV = millivolts

mS/cm = milliSiemens per centimeter

NM = Not Measured

°C= degrees Celcius

ntu = nephelometric turbidity units

**Table 2  
Groundwater Field Parameters  
Treatment Area 4  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-44	05/17/18	7.13	1.98	25.0	2.627	12.28	NM
		10/18/18	7.22	0.87	63.9	5.294	17.35	NM
		04/16/19	6.86	1.13	176.4	4.491	11.21	NM
		10/09/19	7.01	4.75	266.9	3.664	17.55	NM
		04/15/20	7.03	2.65	114.8	4.406	8.47	NM
		11/04/20	7.07	NM	188.9	2.763	15.81	NM
		12/10/20	7.17	NM	163.8	2.242	13.00	21.71
		04/09/21	6.54	7.08	-2.2	88.010	8.87	NM
		12/08/21	7.18	0.47	-34.3	2.563	12.33	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	7.15	0.99	55.1	2.512	8.40	9.87
		04/25/22	7.64	2.05	102.8	4.034	9.73	0.77
		07/26/22	6.68	NM	176.3	4.181	17.68	0.00
		10/25/22	7.16	0.38	15.8	3.374	16.60	0.00
		01/25/23	7.83	0.72	59.2	2.744	10.06	0.00
04/25/23	7.17	3.47	83.2	5.365	8.76	0.87		
07/25/23	6.69	0.37	-8.4	4.703	17.78	7.92		
10/17/23	6.91	0.30	3.4	3.352	17.28	0.27		
4	MW-65	5/21/2012	7.13	0.25	-92.9	3.763	12.07	NM
		5/27/2014	6.93	0.14	26.6	2.692	12.53	NM
		9/30/2014	6.91	0.67	-45.0	2.615	13.87	NM
		12/8/2014	7.13	0.38	-71.6	2.533	11.86	NM
		3/25/2015	7.06	0.26	-46.5	2.842	7.96	NM
		12/10/20	6.93	NM	-37.7	4.430	13.00	146.33
		04/09/21	6.73	0.24	-38.1	2.356	11.22	NM
		12/08/21	8.23	0.03	-370.7	4.459	10.40	39.07
		01/11/22	7.44	0.22	223.1	3.398	10.38	0.00
		02/07/22	7.48	0.18	-165.8	3.591	7.86	2.21
		04/25/22	7.00	0.07	-78.1	3.564	9.79	1.03
		07/26/22	6.77	0.04	75.4	3.696	14.55	0.00
		10/25/22	7.14	0.06	-157.3	4.602	14.27	3.60
01/25/23	7.62	0.00	-45.5	4.421	9.39	2.28		
4	MW-65R	04/25/23	7.07	0.28	-235.5	3.170	8.91	13.48
		07/24/23	6.88	0.52	-239.0	3.954	14.49	2.97
		10/17/23	6.83	0.35	-142.7	3.000	14.25	10.94
4	MW-108	05/17/18	6.97	4.42	108.9	3.831	12.57	NM
		10/17/18	7.08	0.64	43.7	3.751	16.91	NM
		04/16/19	6.90	6.00	170.5	4.499	13.09	NM
		10/09/19	7.03	0.21	232.3	3.335	16.89	NM
		04/14/20	7.00	3.09	97.9	5.294	7.94	NM
		11/04/20	6.90	NM	184.3	3.886	15.13	NM
		12/10/20	6.93	NM	172.0	4.652	12.64	1.69
		04/09/21	8.55	6.57	-97.5	41.070	9.10	NM
		12/08/21	6.80	0.98	-40.9	14.170	11.87	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	6.82	4.20	68.6	12.556	6.16	0.00
		04/25/22	6.69	7.00	108.0	12.487	9.47	33.37
		07/26/22	6.87	2.04	66.8	10.694	23.51	709.54
		10/25/22	6.91	0.31	29.6	10.084	16.44	3.08
		01/25/23	6.79	7.69	93.7	9.510	7.17	2.62
04/25/23	7.06	7.62	97.9	9.103	8.47	6.14		
10/17/23	7.06	5.69	NM	6.250	17.54	6.31		

**Table 2  
Groundwater Field Parameters  
Treatment Area 4  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-79	5/19/2018	7.13	0.29	-54.6	3.572	14.61	NM
		10/18/2018	6.84	0.27	-109.3	6.524	19.15	NM
		4/17/2019	8.07	0.27	-34.1	5.119	11.31	NM
		10/9/2019	6.88	0.13	-86.3	7.857	20.57	NM
		4/15/2020	6.96	0.52	-40.0	7.525	11.09	NM
		11/4/2020	6.91	0.07	-93.6	7.250	20.22	NM
		4/5/2021	6.98	10.18	171.7	0.809	13.74	NM
		12/08/21	7.16	0.15	-123.4	9.175	15.35	3.13
		01/11/22	7.02	0.22	314.8	7.738	11.28	7.19
		02/07/22	7.15	0.22	-93.0	7.580	11.47	14.74
		04/25/22	7.65	0.07	-990.4	8.514	15.12	13.08
		7/26/2022	6.96	0.08	127.3	7.831	19.48	0.35
		10/25/2022	7.09	9.71	-94.4	0.205	17.30	3.96
		1/25/2023	7.74	0.16	-48.1	8.361	10.83	6.25
		4/25/2023	7.17	0.14	-159.5	6.865	11.98	2.44
7/25/2023	7.04	0.29	-207.1	6.171	18.71	5.62		
10/17/2023	7.29	0.23	-186.5	5.158	18.15	0.21		
4	MW-80	5/19/2018	7.51	0.15	-83.2	0.182	14.27	NM
		10/18/2018	7.90	0.16	-102.7	2.562	19.61	NM
		4/17/2019	7.02	1.17	-76.3	3.184	11.47	NM
		10/9/2019	7.15	0.18	-125.2	2.791	21.69	NM
		4/15/2020	6.97	0.15	-78.9	4.849	10.12	NM
		11/4/2020	7.03	NM	-122.2	2.347	19.82	NM
		4/5/2021	6.94	10.23	94.4	3.480	13.08	NM
		12/08/21	7.26	0.13	-139.6	3.307	14.82	78.22
		01/11/22	7.21	0.29	327.2	2.274	9.25	16.73
		02/07/22	7.01	0.18	-107.1	2.779	9.92	22.73
		04/25/22	7.09	1.86	-27.1	0.372	11.30	33.71
		7/26/2022	7.27	0.19	-128.4	3.170	21.44	169.12
		10/25/2022	6.97	7.09	4.0	3.051	16.78	79.83
		1/25/2023	7.95	0.05	-69.5	3.453	9.29	20.04
		4/25/2023	7.22	0.12	-220.6	4.187	11.05	39.93
7/25/2023	7.04	0.13	-218.0	3.665	20.17	9.51		
10/17/2023	7.30	0.27	-201.4	3.262	19.32	10.08		
4	MW-81	5/19/2018	7.02	0.38	-47.4	2.558	14.73	NM
		10/18/2018	6.83	0.20	-117.9	3.118	19.42	NM
		4/17/2019	6.76	0.09	-55.5	2.977	11.13	NM
		11/4/2020	7.07	NM	188.9	2.763	15.81	NM
		10/9/2019	6.93	0.12	-103.2	3.085	20.47	NM
		4/15/2020	6.80	0.11	-48.2	3.741	9.72	NM
		11/4/2020	6.76	NM	-90.5	3.080	18.99	NM
		4/5/2021	6.72	4.53	116.1	0.889	14.09	NM
		12/08/21	7.01	0.12	-136.9	3.850	15.19	0.63
		01/11/22	6.06	10.96	385.9	0.007	12.76	0.28
		02/07/22	6.99	0.28	-38.0	3.175	10.54	59.52
		04/25/22	6.67	0.24	-19.7	4.069	11.81	14.70
		7/26/2022	6.94	0.24	-82.4	4.567	19.72	85.57
		10/25/2022	6.90	NM	-126.9	4.343	18.87	156.13
		1/25/2023	7.61	0.07	-39.4	5.389	11.10	29.93
4/25/2023	7.03	0.11	-184.5	5.369	11.09	26.03		
7/25/2023	6.86	0.23	-174.5	4.581	18.95	25.14		
10/17/2023	7.07	0.33	-171.2	3.993	18.23	7.15		

**Table 2  
Groundwater Field Parameters  
Treatment Area 4  
Former Kenosha Engine Plant**

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-82	5/19/2018	7.25	0.23	-67.9	3.011	14.82	NM
		10/18/2018	7.83	0.21	-89.6	3.824	21.28	NM
		4/17/2019	8.80	0.10	-50.1	2.982	11.49	NM
		10/9/2019	7.03	0.09	-107.1	4.025	21.30	NM
		4/15/2020	7.13	0.16	-64.2	4.154	10.92	NM
		11/4/2020	7.05	0.08	-116.4	3.136	21.02	NM
		4/5/2021	6.83	9.69	100.4	2.490	14.66	NM
		12/08/21	6.89	0.17	-188.5	5.698	14.13	65.11
		01/11/22	7.07	0.46	388.3	2.910	11.78	14.24
		02/07/22	7.50	0.33	-182.8	1.749	9.86	78.12
		04/25/22	NM	0.00	-1781.7	1.196	16.74	299.44
		7/26/2022	7.62	NM	-12.2	1.178	24.30	110.21
		10/25/2022	7.60	0.36	-149.3	0.698	19.64	332.51
		1/24/2023	8.41	0.00	-251.8	1.932	11.35	316.78
		4/25/2023	8.69	0.22	-315.1	3.401	12.99	65.93
7/25/2023	8.16	0.16	-216.0	1.036	21.98	126.35		
10/17/2023	7.72	0.58	-239.2	0.499	19.34	51.21		
4	PZ-82	10/7/2021	8.09	8.97	-84.6	8.480	20.16	0.87
		12/8/2021	6.84	0.31	-92.1	3.323	10.72	207.99
		1/12/2022	7.64	0.16	58.2	2.263	13.58	250.42
		2/7/2022	6.93	0.42	-134.3	1.710	10.08	125.53
		4/25/2022	9.05	0.03	-1548.1	1.507	16.69	280.53
		7/26/2022	7.20	NM	-29.9	1.107	22.27	256.84
		10/25/2022	7.53	0.01	-201.6	0.968	17.70	0.00
		1/25/2023	8.22	0.01	-60.9	0.851	11.98	NM
		4/25/2023	7.56	0.14	-172.5	0.680	13.85	307.54
		7/25/2023	7.39	0.26	-218.1	0.709	19.78	328.41
10/17/2023	7.56	0.10	-247.6	0.705	17.52	230.94		

mg/L = milligrams per liter      mV = millivolts      mS/cm = milliSiemens per centimeter  
 NM = Not Measured      °C= degrees Celcius      ntu = nephelometric turbidity units  
 MW-65 replaced with MW-65R on April 3, 2023

**Table 2  
Groundwater Field Parameters  
Perimeter and Interior Wells  
Former Kenosha Engine Plant**

Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)
<b>MW-69R</b>	11/17/20	Replacement Well for MW-69				
	12/07/20	7.14	0.03	-74.7	0.850	12.84
	04/06/21	6.99	0.27	-62.0	1.395	15.25
	10/25/21	6.86	0.22	-56.1	1.120	14.41
	04/27/22	6.98	0.23	81.2	2.825	7.92
	10/26/22	6.98	0.11	-74.4	1.659	13.70
	04/25/23	7.27	0.23	-96.4	1.610	8.22
	09/11/23	Well Abandoned				
<b>PZ-69R</b>	11/17/20	Replacement Well for PZ-69				
	12/7/20	7.04	0.39	-78.6	4.087	13.01
	04/06/21	7.09	0.60	-64.4	3.722	15.25
	10/25/21	7.07	0.22	-102.0	4.142	14.24
	04/27/22	7.09	0.40	125.7	5.632	9.94
	10/26/22	7.19	0.15	-104.7	4.256	12.73
	04/25/23	7.39	1.04	-132.8	3.594	9.43
	09/11/23	Well Abandoned				
<b>MW-70R</b>	11/17/20	Replacement for MW-70				
	12/07/20	6.89	1.61	136.4	1.657	13.15
	04/06/21	6.89	0.43	55.0	1.517	13.85
	10/25/21	7.00	0.30	13.4	1.248	15.42
	04/27/22	6.99	0.40	95.7	2.434	8.63
	10/26/22	7.00	NM	-25.0	3.040	13.98
	04/25/23	7.54	0.96	-67.1	1.377	9.20
	09/11/23	Well Abandoned				
<b>MW-71R</b>	11/17/20	Replacement Well for MW-71				
	12/07/20	6.60	5.06	112.0	0.002	12.01
	04/06/21	6.94	0.77	92.3	1.275	14.07
	10/25/21	6.51	0.16	23.3	2.461	14.88
	04/27/22	7.08	3.33	118.2	3.140	9.75
	10/26/22	6.68	NM	-37.7	5.769	13.55
	04/25/23	7.34	3.94	-14.5	2.064	9.26
	09/11/23	Well Abandoned				
<b>MW-101</b>	04/14/20	7.19	4.92	200.7	1.768	7.54
	11/03/20	7.24	1.34	14.6	1.018	16.57
	04/05/21	5.66	10.72	207.3	0.242	13.91
	10/25/21	6.84	0.39	25.1	2.273	16.27
	04/25/22	6.97	7.43	144.9	2.858	8.91
	10/25/22	7.16	0.68	47.4	4.642	16.69
	04/25/23	7.56	5.26	26.9	1.794	9.31
	10/18/23	7.05	2.25	-53.2	3.869	18.21
<b>MW-102</b>	04/14/20	7.23	0.58	182.3	1.591	7.61
	11/03/20	7.10	0.54	-38.8	1.246	16.64
	04/05/21	6.69	11.28	118.1	0.223	12.30
	10/25/21	6.84	0.22	-9.9	2.227	16.36
	04/25/22	7.49	8.62	121.2	2.307	8.72
	10/25/22	7.03	NM	-50.2	2.694	16.10
	04/25/23	7.23	0.66	72.5	3.643	8.31
	10/18/2023	7.41	4.96	-22.3	2.243	17.84

**Table 2**  
**Groundwater Field Parameters**  
**Perimeter and Interior Wells**  
**Former Kenosha Engine Plant**

<b>Well Name</b>	<b>Sample Date</b>	<b>pH</b> (pH units)	<b>Dissolved Oxygen</b> (mg/L)	<b>ORP</b> (mV)	<b>Conductivity</b> (mS/cm)	<b>Temperature</b> (°C)	
<b>MW-103</b>	04/14/20	7.19	2.40	69.8	1.569	7.94	
	11/03/20	7.01	3.11	-44.5	3.996	16.30	
	04/05/21	7.19	0.51	-30.3	2.716	8.91	
	10/25/21	6.78	1.02	-30.4	1.687	16.86	
	04/25/22	6.94	4.45	115.9	3.533	9.29	
	10/25/22	7.13	0.28	22.2	4.234	16.62	
	04/25/23	7.36	2.23	6.6	2.439	8.45	
	10/18/23	7.19	1.66	-80.1	2.469	21.19	
<b>MW-105</b>	04/15/20	6.87	0.21	-23.9	1.682	7.30	
	11/03/20	6.89	0.08	-90.9	1.942	15.79	
	04/05/21	6.79	0.21	-63.2	1.467	8.98	
	10/25/21	6.78	0.34	-82.8	2.687	15.85	
	04/25/22	6.90	0.18	-35.0	1.589	8.22	
	10/24/22	6.67	0.36	-165.9	1.658	17.10	
	04/25/23	7.16	0.41	-185.3	1.255	7.93	
	10/17/23	6.88	0.06	-135.2	1.254	17.07	
<b>MW-107</b>	04/15/20	6.77	0.55	44.7	1.194	7.23	
	11/03/20	6.83	0.22	-81.9	1.277	17.15	
	04/05/21	6.95	1.28	16.7	0.920	11.36	
	Oct 2021	Not Sampled -Dry					
	04/25/22	6.98	3.19	21.3	0.997	8.97	
	10/24/22	6.61	1.48	-134.6	1.024	17.80	
	04/25/23	7.05	0.38	-47.5	1.421	7.50	
	10/17/23	NM	1.18	NM	1.606	17.65	
<b>MW-109</b>	04/14/20	7.26	0.30	-43.0	0.801	8.96	
	11/04/20	7.12	NM	-94.1	0.876	15.29	
	04/06/21	6.97	0.25	-55.4	0.873	11.25	
	10/26/21	7.07	0.23	-73.9	1.391	15.49	
	04/25/22	7.13	0.38	-17.6	1.824	10.50	
	10/24/22	6.69	0.61	-161.4	2.200	16.20	
	04/24/23	7.27	1.73	-147.8	1.805	10.11	
<b>MW-110</b>	04/15/20	7.06	6.77	253.5	1.398	8.06	
	11/03/20	7.08	0.78	53.3	0.853	17.12	
	04/06/21	7.13	8.41	62.2	1.144	10.91	
	10/26/21	7.06	2.20	67.6	1.401	15.84	
	04/25/22	7.20	11.52	74.3	1.386	8.14	
	10/24/22	6.88	1.46	-160.3	0.923	16.00	
	10/16/23	7.03	2.26	-38.2	0.757	15.51	
<b>MW-111</b>	04/14/20	7.09	3.16	230.3	0.886	8.14	
	11/03/20	6.96	0.14	-37.9	0.541	16.72	
	04/06/21	7.01	0.87	23.0	1.328	11.82	
	10/26/21	7.03	0.26	38.1	0.867	16.44	
	04/26/22	7.01	0.16	32.0	2.740	7.37	
	10/24/22	6.79	0.21	-240.0	0.927	17.00	
	04/24/23	7.37	1.84	25.2	1.206	8.72	
	10/16/23	7.04	0.42	-56.7	0.705	16.04	

**Table 2  
Groundwater Field Parameters  
Perimeter and Interior Wells  
Former Kenosha Engine Plant**

<b>Well Name</b>	<b>Sample Date</b>	<b>pH (pH units)</b>	<b>Dissolved Oxygen (mg/L)</b>	<b>ORP (mV)</b>	<b>Conductivity (mS/cm)</b>	<b>Temperature (°C)</b>
<b>MW-112</b>	04/14/20	7.03	4.99	196.1	1.424	7.20
	11/03/20	7.11	1.05	42.6	1.424	16.93
	04/06/21	7.35	4.00	74.5	1.309	13.30
	10/26/21	7.08	1.91	-7.0	1.435	16.66
	04/26/22	7.12	3.62	88.1	2.795	7.97
	10/26/22	7.21	0.97	38.1	1.856	14.10
	04/24/23	7.27	2.92	76.6	1.900	9.84
	10/16/23	7.03	7.06	113.9	1.430	16.75
<b>MW-115</b>	04/15/20	7.25	3.41	53.9	0.893	6.83
	11/04/20	7.07	NM	21.7	0.660	16.42
	04/06/21	7.16	7.93	143.4	0.807	11.32
	Oct 2021	Not Sampled				
	04/25/22	8.78	7.08	-82.8	1.388	11.78
	10/26/22	7.12	1.95	-17.8	1.197	14.40
	04/25/23	7.31	5.08	160.9	1.217	8.05
	10/18/23	7.13	4.18	-71.7	1.126	20.51
<b>MW-116</b>	04/14/20	6.98	2.38	255.2	0.698	8.15
	11/04/20	6.92	0.27	145.7	0.836	14.64
	04/06/21	6.83	2.94	134.7	0.688	11.34
	10/27/21	6.65	1.83	139.7	0.893	15.19
	04/25/22	7.79	10.50	80.8	0.649	8.03
	10/26/22	6.97	0.81	17.9	0.952	11.50
	04/24/23	7.25	3.06	81.2	0.849	8.93
	10/16/23	6.86	5.82	18.2	0.996	14.88
<b>PZ-116</b>	04/14/20	7.11	0.11	3.9	2.070	10.40
	11/04/20	6.97	0.06	-67.0	2.075	13.71
	04/06/21	6.80	1.17	9.1	1.748	12.78
	10/27/21	6.83	0.26	-63.4	2.138	13.79
	04/25/22	6.97	0.20	-11.9	2.173	9.41
	10/26/22	7.06	0.30	-31.4	1.923	11.80
	04/24/23	7.64	8.58	95.0	1.119	10.06
	10/16/23	6.87	0.12	-151.6	1.849	13.01
<b>MW-117</b>	04/14/20	6.90	0.15	58.2	0.768	8.85
	11/03/20	6.92	0.19	-75.2	1.044	16.11
	04/06/21	6.92	2.15	52.0	0.905	13.09
	10/27/21	7.08	0.21	-135.3	1.330	15.98
	04/25/22	7.15	3.98	73.6	1.421	8.50
	10/24/22	6.74	0.15	-198.4	1.051	16.20
	04/24/23	7.11	0.14	-251.0	1.046	9.47
	10/16/23	6.91	0.11	-180.6	0.820	15.37
<b>PZ-117</b>	04/14/20	6.84	1.18	145.0	1.247	7.92
	11/03/20	6.95	0.15	-69.9	1.330	14.91
	04/07/21	6.38	10.52	203.2	1.370	12.57
	10/27/21	7.06	0.16	-51.4	1.411	14.44
	04/26/22	6.94	1.51	207.7	1.690	9.62
	10/24/22	7.01	0.24	-120.4	1.243	16.30
	04/24/23	7.34	1.77	-51.5	1.389	10.70
	10/16/23	7.02	0.12	-131.9	1.114	14.34

mg/L = milligrams per liter  
NM = Not Measured

mV = millivolts  
°C= degrees Celcius

mS/cm = milliSiemens per centimeter

**Table 3A  
Detected Volatile Organic Compounds in Groundwater  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
			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
1	MW-2101	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>19</u>	< 0.32	
1	MW-2101	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.70 <sup>J</sup>	< 0.33	
1	MW-2101	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>7.6</u>	< 0.33	
1	MW-2101	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	6	< 0.33	
1	MW-2101	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.30 <sup>J</sup>	< 0.42	< 1.4	< 1.2	2.7	< 0.33	
1	MW-2101	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2101	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.41 <sup>J</sup>	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2101	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.73 <sup>J</sup>	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2101	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.73 <sup>J</sup>	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	MW-2101	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.1	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	MW-2101	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.1	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	PZ-2101	12/9/2020	< 136	< 122	< 140	< 420	< 437	< 353	< 314	< 123	< 182	< 671	< 637	17600	< 159	
1	PZ-2101	4/9/2021	< 148	< 291	< 146	< 224	< 179	< 163	< 176	< 148	< 208	< 690	< 591	11700	< 163	
1	PZ-2101	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	9410	< 32.5	
1	PZ-2101	3/23/2022	< 185	< 364	< 182	< 280	< 223	< 204	< 219	< 185	< 260	< 862	< 739	13400	< 203	
1	PZ-2101	4/27/2022	< 29.6	205	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	22000	< 32.5	
1	PZ-2101	7/26/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	51200	< 325	
1	PZ-2101	10/27/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	60000	< 325	
1	PZ-2101	1/25/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	52900	< 325	
1	PZ-2101	4/26/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 504	31300	< 325	
1	PZ-2101	7/26/2023	< 73.9 <sup>UJ</sup>	326 <sup>J</sup>	< 72.9 <sup>UJ</sup>	< 112 <sup>UJ</sup>	< 89.3 <sup>UJ</sup>	< 81.5 <sup>UJ</sup>	< 87.8 <sup>UJ</sup>	< 73.9 <sup>UJ</sup>	< 104 <sup>UJ</sup>	< 345 <sup>UJ</sup>	< 126 <sup>UJ</sup>	29400 <sup>J</sup>	< 81.3 <sup>UJ</sup>	
1	PZ-2101	10/19/2023	< 73.9 <sup>UJ</sup>	248 <sup>J</sup>	< 72.9 <sup>UJ</sup>	< 112 <sup>UJ</sup>	< 89.3 <sup>UJ</sup>	< 81.5 <sup>UJ</sup>	< 87.8 <sup>UJ</sup>	< 73.9 <sup>UJ</sup>	< 104 <sup>UJ</sup>	< 345 <sup>UJ</sup>	< 126 <sup>UJ</sup>	61700 <sup>J</sup>	< 81.3 <sup>UJ</sup>	
1	MW-2102	12/15/2020	< 1.4	< 1.2	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	317	< 1.6	
1	MW-2102	4/8/2021	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	194	< 1.3	
1	MW-2102	2/22/2022	0.77 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	157	< 0.65	
1	MW-2102	3/22/2022	1.4 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	0.86 <sup>J</sup>	< 0.83	< 2.8	< 2.4	220	< 0.65	
1	MW-2102	4/27/2022	1.1 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	1.1 <sup>J</sup>	< 0.83	< 2.8	< 2.4	85.9	< 0.65	
1	MW-2102	7/25/2022	0.91 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	0.85 <sup>J</sup>	< 0.83	< 2.8	< 2.4	327	< 0.65	
1	MW-2102	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	192	< 1.6	
1	MW-2102	1/25/2023	0.30 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	10.9	< 0.33	
1	MW-2102	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	3.7	< 0.33	
1	MW-2102	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.7	< 0.33	
1	MW-2102	10/18/2023	0.97 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.51 <sup>J</sup>	< 0.33	



**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000	
			PAL	NE	0.5	NE	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	MW-2101	12/9/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	<u>0.74</u> <sup>J</sup>	<b>249</b>	< 1.5			
1	MW-2101	4/8/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.35 <sup>J</sup>	<b>1.7</b>	< 1.0			
1	MW-2101	2/22/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.45 <sup>J</sup>	< 0.17	< 1.0			
1	MW-2101	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.34 <sup>J</sup>	<b>2.8</b>	< 1.0			
1	MW-2101	4/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2101	7/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.24</b> <sup>J</sup>	< 1.0			
1	MW-2101	10/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.44</b> <sup>J</sup>	< 1.0			
1	MW-2101	1/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.38</b> <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2101	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.56</b> <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2101	7/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.74</b> <sup>J+</sup>	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2101	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.71</b> <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2101	12/9/2020	< 843	< 290	< 354	< 405	< 400	< 424	< 163	< 135	< 232	<b>40300</b>	<b>258</b> <sup>J</sup>	< 750			
1	PZ-2101	4/9/2021	< 500	< 160	< 429	< 173	< 522	< 212	< 204	< 144	< 264	<b>24400</b>	<b>153</b> <sup>J</sup>	< 524			
1	PZ-2101	2/24/2022	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	< 52.8	<b>11800</b>	<b>143</b>	< 105			
1	PZ-2101	3/23/2022	< 625	< 200	< 536	< 216	< 652	< 265	< 255	< 180	< 330	<b>64200</b>	<b>134</b> <sup>J</sup>	< 655			
1	PZ-2101	4/27/2022	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	<b>71.3</b> <sup>J</sup>	< 28.8	< 52.8	<b>92400</b>	<b>373</b>	< 105			
1	PZ-2101	7/26/2022	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	<b>70300</b>	<b>2780</b>	< 1050			
1	PZ-2101	10/27/2022	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	<b>77500</b>	<b>13700</b>	< 1050			
1	PZ-2101	1/25/2023	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	<b>85100</b>	<b>21200</b>	< 1050			
1	PZ-2101	4/26/2023	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	<b>57400</b>	<b>22300</b>	< 1050			
1	PZ-2101	7/26/2023	< 250 <sup>UJ</sup>	< 79.9 <sup>UJ</sup>	< 214 <sup>UJ</sup>	< 86.3 <sup>UJ</sup>	< 261 <sup>UJ</sup>	< 106 <sup>UJ</sup>	< 102 <sup>UJ</sup>	< 72.0 <sup>UJ</sup>	< 132 <sup>UJ</sup>	<b>12100</b> <sup>J-</sup>	<b>14900</b> <sup>J-</sup>	< 262 <sup>UJ</sup>			
1	PZ-2101	10/19/2023	< 250 <sup>UJ</sup>	< 79.9 <sup>UJ</sup>	< 214 <sup>UJ</sup>	< 86.3 <sup>UJ</sup>	< 261 <sup>UJ</sup>	< 106 <sup>UJ</sup>	< 102 <sup>UJ</sup>	< 72.0 <sup>UJ</sup>	< 132 <sup>UJ</sup>	<b>52000</b> <sup>J-</sup>	<b>23600</b> <sup>J-</sup>	< 262 <sup>UJ</sup>			
1	MW-2102	12/15/2020	< 8.4	< 2.9	< 3.5	< 4.1	< 4.0	< 4.2	< 1.6	< 1.3	<b>2.5</b> <sup>J</sup>	< 1.3	<b>218</b>	< 7.5			
1	MW-2102	4/8/2021	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	<b>2.3</b> <sup>J</sup>	< 1.3	<b>222</b>	< 4.2			
1	MW-2102	2/22/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>151</b>	< 2.1			
1	MW-2102	3/22/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	<b>1.3</b> <sup>J</sup>	< 0.64	<b>169</b>	< 2.1			
1	MW-2102	4/27/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	<u>0.91</u> <sup>J</sup>	<b>76</b>	< 2.1			
1	MW-2102	7/25/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	<b>1.6</b> <sup>J</sup>	<u>0.87</u> <sup>J</sup>	<b>144</b>	< 2.1			
1	MW-2102	10/27/2022	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	< 2.6 <sup>UJ</sup>	< 1.6	<b>60</b>	< 5.2			
1	MW-2102	1/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>11.8</b>	< 1.0			
1	MW-2102	4/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.9</b>	< 1.0			
1	MW-2102	7/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.33 <sup>J</sup>	<b>4.8</b>	< 1.0			
1	MW-2102	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.60</u> <sup>J</sup>	<b>2.2</b>	< 1.0			

**Table 3A  
Detected Volatile Organic Compounds in Groundwater  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
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
1	MW-2103	12/14/2020	< 1.4	<u>2.9</u> <sup>J</sup>	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	<b>1390</b>	< 1.6	
1	MW-2103	4/23/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1280</b>	< 3.3	
1	MW-2103	2/23/2022	< 3.0	<b>71</b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>10200</b>	< 3.3	
1	MW-2103	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>6810</b>	< 32.5	
1	MW-2103	4/27/2022	< 5.9	<b>13.2</b> <sup>J</sup>	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>3330</b> <sup>J</sup>	< 6.5	
1	MW-2103	7/26/2022	< 5.9	<b>24.1</b>	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>5770</b>	< 6.5	
1	MW-2103	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	<b>329</b>	< 1.6	
1	MW-2103	1/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>745</b>	< 3.3	
1	MW-2103	4/26/2023	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 2.0	<b>359</b>	< 1.3	
1	MW-2103	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	<b>88.2</b>	< 3.3	
1	MW-2103	10/19/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	<b>170</b>	< 0.65	
1	MW-2103 DUP	12/14/2020	< 1.4	<u>3.7</u> <sup>J</sup>	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	<b>1500</b>	< 1.6	
1	MW-2103 DUP	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1190</b>	< 3.3	
1	MW-2103 DUP	2/23/2022	< 3.0	<b>64.5</b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>9210</b>	< 3.3	
1	MW-2103 DUP	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>6710</b>	< 32.5	
1	MW-2103 DUP	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>2280</b> <sup>J</sup>	< 6.5	
1	MW-2103 DUP	7/26/2022	< 5.9	<b>20.8</b>	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>4960</b>	< 6.5	
1	MW-2103 DUP	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	<b>353</b>	< 1.6	
1	MW-2103 DUP	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 29.6	<b>632</b>	< 8.1	
1	MW-2103 DUP	4/26/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	< 1.3	<b>300</b>	< 0.81	
1	MW-2103 DUP	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	<b>87.0</b>	< 3.3	
1	MW-2103 DUP	10/19/2023	< 0.30	<b>0.63</b> <sup>J</sup>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>183</b>	< 0.33	
1	PZ-2103	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796	<b>10300</b>	< 199	
1	PZ-2103	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480	<b>10800</b>	< 406	
1	PZ-2103	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>3310</b>	< 32.5	
1	PZ-2103	4/7/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>5370</b>	< 32.5	
1	PZ-2103	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>4160</b>	< 65.0	
1	PZ-2103	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>14300</b>	< 65.0	
1	PZ-2103	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390	<b>11400</b>	< 2030	
1	PZ-2103	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910	<b>16200</b>	< 1630	
1	PZ-2103	4/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	<b>47300</b> <sup>J</sup>	< 1630	
1	PZ-2103	7/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	<b>72600</b>	< 1630	
1	PZ-2103	10/19/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	<b>64700</b>	< 1630	

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)	
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	NE	0.5	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	MW-2103	12/14/2020	< 8.4	< 2.9	< 3.5	< 4.1	< 4.0	< 4.2	< 1.6	< 1.3	<u>90.1</u>	<b>966</b>	<b>255</b>	< 7.5		
1	MW-2103	4/23/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<u>75.3</u>	<b>429</b>	<b>284</b>	< 10.5		
1	MW-2103	2/23/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>126</b>	<b>257</b>	<b>238</b>	< 10.5		
1	MW-2103	3/22/2022	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	<b>111</b>	< 32.0	<b>539</b>	< 105		
1	MW-2103	4/27/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	<u>94.3<sup>J</sup></u>	<b>7.2<sup>J</sup></b>	<b>450</b>	< 21.0		
1	MW-2103	7/26/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	<u>92.0<sup>J</sup></u>	< 6.4	<b>1090</b>	< 21.0		
1	MW-2103	10/27/2022	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	<b>4.3<sup>J</sup></b>	< 1.6	<b>2180</b>	< 5.2		
1	MW-2103	1/25/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	11.1	<b>10<sup>J</sup></b>	<b>1230</b>	< 10.5		
1	MW-2103	4/26/2023	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	6.1	<b>5.4</b>	<b>572</b>	< 4.2		
1	MW-2103	7/26/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	<b>8.7<sup>J</sup></b>	<b>526</b>	< 10.5		
1	MW-2103	10/19/2023	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	<b>119</b>	<b>53.8</b>	< 2.1		
1	MW-2103 DUP	12/14/2020	< 8.4	< 2.9	< 3.5	< 4.1	< 4.0	< 4.2	< 1.6	< 1.3	<u>98.7</u>	<b>1130</b>	<b>257</b>	< 7.5		
1	MW-2103 DUP	4/8/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<u>71.5</u>	<b>402</b>	<b>270</b>	< 10.5		
1	MW-2103 DUP	2/23/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>118</b>	<b>183</b>	<b>233</b>	< 10.5		
1	MW-2103 DUP	3/22/2022	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	<b>124</b>	< 32.0	<b>311</b>	< 105		
1	MW-2103 DUP	4/27/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	<u>69.0<sup>J</sup></u>	< 6.4	<b>513</b>	< 21.0		
1	MW-2103 DUP	7/26/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	<u>61.4<sup>J</sup></u>	< 6.4	<b>1230</b>	< 21.0		
1	MW-2103 DUP	10/27/2022	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	<b>4.3<sup>J</sup></b>	< 1.6	<b>2350</b>	< 5.2		
1	MW-2103 DUP	1/25/2023	< 25.0	< 8.0	< 21.4	< 8.6	< 26.1	< 10.6	< 10.2	< 7.2	<b>13.6<sup>J</sup></b>	<b>8.1<sup>J</sup></b>	<b>1030</b>	< 26.2		
1	MW-2103 DUP	4/26/2023	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	5	<b>8.4</b>	<b>472</b>	< 2.6		
1	MW-2103 DUP	7/26/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	<b>7.6<sup>J</sup></b>	<b>568</b>	< 10.5		
1	MW-2103 DUP	10/19/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.2	<b>129</b>	<b>57.3</b>	< 1.0		
1	PZ-2103	12/14/2020	< 1050	< 363	< 443	< 507	< 500	< 530	< 204	< 168	<b>957<sup>J</sup></b>	<b>176000</b>	< 109	< 938		
1	PZ-2103	4/9/2021	< 1250	< 399	< 1070	< 432	< 1300	< 530	< 511	< 360	<b>754<sup>J</sup></b>	<b>173000</b>	< 218	< 1310		
1	PZ-2103	2/24/2022	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	<b>161</b>	<b>15800</b>	<b>50.3<sup>J</sup></b>	< 105		
1	PZ-2103	4/7/2022	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	<b>115</b>	<b>52200</b>	<b>75.6</b>	< 105		
1	PZ-2103	5/5/2022	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	<b>32000</b>	< 34.9	< 210		
1	PZ-2103	7/26/2022	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	<b>35300</b>	<b>65.7<sup>J</sup></b>	< 210		
1	PZ-2103	10/27/2022	< 6250	< 2000	< 5360	< 2160	< 6520	< 2650	< 2550	< 1800	< 3300 <sup>JJ</sup>	<b>268000</b>	< 1090	< 6550		
1	PZ-2103	1/25/2023	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>229000</b>	< 872	< 5240		
1	PZ-2103	4/26/2023	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>659000<sup>J</sup></b>	< 872	< 5240		
1	PZ-2103	7/26/2023	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>785000</b>	< 872	< 5240		
1	PZ-2103	10/19/2023	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>597000</b>	< 872	< 5240		

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
			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
1	PZ-2103 DUP	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796	<b>9920</b>	< 199	
1	PZ-2103 DUP	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480	<b>12000</b>	< 406	
1	PZ-2103 DUP	2/24/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>3130</b>	< 65.0	
1	PZ-2103 DUP	4/7/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>4550</b>	< 65.0	
1	PZ-2103 DUP	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>4290</b>	< 65.0	
1	PZ-2103 DUP	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>12200</b>	< 65.0	
1	PZ-2103 DUP	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390	<b>12800</b>	< 2030	
1	PZ-2103 DUP	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910	<b>13700</b>	< 1630	
1	PZ-2103 DUP	4/26/2023	< 591	< 1160	< 583	< 897	< 715	< 652	< 702	< 591	< 831	< 2760	< 1010	<b>13500<sup>J</sup></b>	< 650	
1	PZ-2103 DUP	7/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	<b>63700</b>	< 1630	
1	PZ-2103 DUP	10/19/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	<b>49200</b>	< 1630	
1	MW-2104	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	5.4	< 0.32	
1	MW-2104	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.6	< 0.33	
1	MW-2104	2/23/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.9	< 0.33	
1	MW-2104	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.5	< 0.33	
1	MW-2104	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.6	< 0.33	
1	MW-2104	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.6	< 0.33	
1	MW-2104	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.9	< 0.33	
1	MW-2104	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.2	< 0.33	
1	MW-2104	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.6	< 0.33	
1	MW-2104	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.5	< 0.33	
1	MW-2104	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	1.4	< 0.33	
1	MW-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	<u>2</u>	< 0.36	< 1.3	< 1.3	<u>12.9</u>	< 0.32	
1	MW-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.9</u>	< 0.42	< 1.4	< 1.2	3.9	< 0.33	
1	MW-2105	2/23/2022	< 0.30	< 0.58	< 0.29	1.5	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.9	< 0.33	
1	MW-2105	3/23/2022	0.95 <sup>J</sup>	< 0.58	< 0.29	0.72 <sup>J</sup>	< 0.36	< 0.33	< 0.35	0.36 <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>70.6</b>	< 0.33	
1	MW-2105	4/26/2022	0.97 <sup>J</sup>	< 0.58	< 0.29	9.1	1.1	< 0.33	< 0.35	<u>1.3</u>	< 0.42	< 1.4	< 1.2	<u>21.9</u>	< 0.33	
1	MW-2105	7/26/2022	< 0.30	< 0.58	< 0.29	1.6	< 0.36	< 0.33	< 0.35	0.33 <sup>J</sup>	< 0.42	< 1.4	< 1.2	<u>44.8</u>	< 0.33	
1	MW-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.0	< 0.33	
1	MW-2105	1/23/2023	< 0.30	< 0.58	< 0.29	0.88 <sup>J</sup>	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>21.9</u>	< 0.33	
1	MW-2105	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>107</b>	< 0.33	
1	MW-2105	7/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>13.8</u>	< 0.33	
1	MW-2105	10/16/2023	0.81 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.38 <sup>J</sup>	< 0.42	< 1.4	< 0.50	<u>22.3</u>	< 0.33	

**Table 3A  
Detected Volatile Organic Compounds in Groundwater  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)	
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	NE	0.5	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	PZ-2103 DUP	12/14/2020		< 1050	< 363	< 443	< 507	< 500	< 530	< 204	< 168	<b>898<sup>J</sup></b>	<b>180000</b>	< 109	< 938	
1	PZ-2103 DUP	4/9/2021		< 1250	< 399	< 1070	< 432	< 1300	< 530	< 511	< 360	<b>777<sup>J</sup></b>	<b>201000</b>	< 218	< 1310	
1	PZ-2103 DUP	2/24/2022		< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	<b>155<sup>J</sup></b>	<b>14500</b>	< 34.9	< 210	
1	PZ-2103 DUP	4/7/2022		< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	<b>22400</b>	<b>72.6</b>	< 210	
1	PZ-2103 DUP	5/5/2022		< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	<b>133<sup>J</sup></b>	<b>32400</b>	< 34.9	< 210	
1	PZ-2103 DUP	7/26/2022		< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	<b>29800</b>	<b>56.3<sup>J</sup></b>	< 210	
1	PZ-2103 DUP	10/27/2022		< 6250	< 2000	< 5360	< 2160	< 6520	< 2650	< 2550	< 1800	< 3300 <sup>UU</sup>	<b>252000</b>	< 1090	< 6550	
1	PZ-2103 DUP	1/25/2023		< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>198000</b>	< 872	< 5240	
1	PZ-2103 DUP	4/26/2023		< 2000	< 639	< 1710	< 691	< 2090	< 848	< 817	< 576	< 1060	<b>185000<sup>J</sup></b>	< 349	< 2100	
1	PZ-2103 DUP	7/26/2023		< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>694000</b>	< 872	< 5240	
1	PZ-2103 DUP	10/19/2023		< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	<b>479000</b>	< 872	< 5240	
1	MW-2104	12/14/2020		< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	<b>0.85<sup>J</sup></b>	<b>0.44<sup>J</sup></b>	< 0.57 <sup>U</sup>	< 1.5	
1	MW-2104	4/8/2021		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.53<sup>J</sup></b>	< 0.32	<b>0.57<sup>J</sup></b>	< 1.0	
1	MW-2104	2/23/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>0.38<sup>J</sup></b>	<b>0.60<sup>J</sup></b>	< 1.0	
1	MW-2104	3/21/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.59<sup>J</sup></b>	< 0.32	<b>0.90<sup>J</sup></b>	< 1.0	
1	MW-2104	4/27/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.80<sup>J+</sup></b>	< 1.0	
1	MW-2104	7/25/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.61<sup>J</sup></b>	<b>0.39<sup>J</sup></b>	<b>0.87<sup>J</sup></b>	< 1.0	
1	MW-2104	10/24/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.94<sup>J</sup></b>	< 1.0	
1	MW-2104	1/23/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.64<sup>J</sup></b>	< 1.0	
1	MW-2104	4/25/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.0</b>	< 1.0	
1	MW-2104	7/24/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.0</b>	< 1.0	
1	MW-2104	10/16/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>0.61<sup>J</sup></b>	<b>1.0</b>	< 1.0	
1	MW-2105	12/14/2020		< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	<b>3.6</b>	<b>2.5</b>	4.9	
1	MW-2105	4/8/2021		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>1.4</b>	<b>2.4</b>	4.8	
1	MW-2105	2/23/2022		< 1.0	< 0.32	< 0.86	<b>0.47<sup>J</sup></b>	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>0.59<sup>J</sup></b>	<b>2.6</b>	< 1.0	
1	MW-2105	3/23/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.3	<b>7.8</b>	< 0.17	< 1.0	
1	MW-2105	4/26/2022		< 1.0	< 0.32	<b>1</b>	<b>1.2</b>	< 1.0	<b>0.98<sup>J</sup></b>	< 0.41	< 0.29	<b>0.54<sup>J</sup></b>	<b>3.0</b>	<b>5.0</b>	<b>2.6<sup>J</sup></b>	
1	MW-2105	7/26/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>9.5</b>	<b>2.4</b>	< 1.0	
1	MW-2105	10/24/2022		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>0.51<sup>J</sup></b>	<b>3.4</b>	< 1.0	
1	MW-2105	1/23/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>3.1</b>	< 0.17	< 1.0	
1	MW-2105	4/24/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.64<sup>J</sup></b>	<b>12.3</b>	<b>5.0</b>	< 1.0	
1	MW-2105	7/25/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>3.7</b>	<b>2.0</b>	< 1.0	
1	MW-2105	10/16/2023		< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.55<sup>J</sup></b>	<b>10.7</b>	<b>2.8</b>	< 1.0	

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
			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
1	PZ-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	2.8	< 0.32	
1	PZ-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.6	< 0.33	
1	PZ-2105	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.2	< 0.33	
1	PZ-2105	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.3	< 0.33	
1	PZ-2105	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.4	< 0.33	
1	PZ-2105	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.98 <sup>J</sup>	< 0.33	
1	PZ-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.1	< 0.33	
1	PZ-2105	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.97 <sup>J</sup>	< 0.33	
1	PZ-2105	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.86 <sup>J</sup>	< 0.33	
1	PZ-2105	7/25/2023	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.45 <sup>UJ</sup>	< 0.36 <sup>UJ</sup>	< 0.33 <sup>UJ</sup>	< 0.35 <sup>UJ</sup>	< 0.30 <sup>UJ</sup>	< 0.42 <sup>UJ</sup>	< 1.4 <sup>UJ</sup>	< 0.50 <sup>UJ</sup>	< 0.47 <sup>UJ</sup>	< 0.33 <sup>UJ</sup>	
1	PZ-2105	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.76 <sup>J</sup>	< 0.33	
1	MW-2106	12/14/2020	< 5.5	< 4.9	< 5.6	< 16.8	< 17.5	< 14.1	< 12.6	< 4.9	< 7.3	27.6 <sup>J</sup>	< 25.5	237	< 6.4	
1	MW-2106	4/8/2021	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	68.5	< 6.5	
1	MW-2106	2/21/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	32.0 <sup>J</sup>	< 23.7	713	< 6.5	
1	MW-2106	3/21/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	53.3 <sup>J</sup>	< 23.7	350	< 6.5	
1	MW-2106	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	224	< 6.5	
1	MW-2106	7/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	128	< 6.5	
1	MW-2106	10/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	87.2	< 6.5	
1	MW-2106	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2106	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	MW-2106	7/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	6.6 <sup>J</sup>	< 3.3	
1	MW-2106	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	MW-2107	12/9/2020	< 0.68	< 0.61	< 0.70	< 2.1	< 2.2	< 1.8	< 1.6	< 0.62	< 0.91	8.6 <sup>J</sup>	< 3.2	8.8	< 0.80	
1	MW-2107	4/7/2021	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	7.8 <sup>J</sup>	< 3.0	3.5	< 0.81	
1	MW-2107	2/21/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	1.9 <sup>J</sup>	< 1.0	12.2 <sup>J</sup>	< 3.0	14.2	< 0.81	
1	MW-2107	3/21/2022	0.50 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.6	< 0.42	11.5	< 1.2	10.1	< 0.33	
1	MW-2107	4/26/2022	3.4	< 0.58	< 0.29	< 0.45	< 0.36	0.50 <sup>J</sup>	0.39 <sup>J</sup>	2.9	< 0.42	20.7	< 1.2	1.6	< 0.33	
1	MW-2107	7/25/2022	0.82 <sup>J</sup>	< 0.58	0.31 <sup>J</sup>	< 0.45	< 0.36	< 0.33	< 0.35	2	< 0.42	9.9	< 1.2	12.3	< 0.33	
1	MW-2107	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	2.2	< 0.42	12.2	< 1.2	< 0.47	< 0.33	
1	MW-2107	1/24/2023	1.4	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.4	< 0.42	5.8	< 1.2	< 0.47	< 0.33	
1	MW-2107	4/26/2023	0.75 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.1	< 0.42	7.1	< 0.50	< 0.47	< 0.33	
1	MW-2107	7/25/2023	0.42 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.4	< 0.42	8.6	< 0.50	< 0.47	< 0.33	
1	MW-2107	10/17/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.4	< 0.42	10.4	< 0.50	< 0.47	< 0.33	

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000	
			PAL	NE	0.5	NE	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	PZ-2105	12/14/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	<u>2.5</u>	< 0.17	< 1.5			
1	PZ-2105	4/8/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>1.2</u>	< 0.17	< 1.0			
1	PZ-2105	2/22/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.86</u> <sup>J</sup>	< 0.17	< 1.0			
1	PZ-2105	3/22/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.78</u> <sup>J</sup>	< 0.17	< 1.0			
1	PZ-2105	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.82</u> <sup>J</sup>	< 0.17	< 1.0			
1	PZ-2105	7/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.72</u> <sup>J</sup>	< 0.17	< 1.0			
1	PZ-2105	10/24/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>1.5</u>	< 0.17	< 1.0			
1	PZ-2105	1/23/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.98</u> <sup>J</sup>	< 0.17	< 1.0			
1	PZ-2105	4/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.47</u> <sup>J</sup>	< 0.17	< 1.0			
1	PZ-2105	7/25/2023	< 1.0 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.86 <sup>UJ</sup>	< 0.35 <sup>UJ</sup>	< 1.0 <sup>UJ</sup>	< 0.42 <sup>UJ</sup>	< 0.41 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.53 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.17 <sup>UJ</sup>	< 1.0 <sup>UJ</sup>			
1	PZ-2105	10/16/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.85</u> <sup>J</sup>	< 0.17	< 1.0			
1	MW-2106	12/14/2020	< 33.7	< 11.6	< 14.2	< 16.2	< 16.0	< 17.0	< 6.5	< 5.4	< 9.3	< 5.1	<b>1630</b>	< 30.0			
1	MW-2106	4/8/2021	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>1250</b>	< 21.0			
1	MW-2106	2/21/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>4480</b>	< 21.0			
1	MW-2106	3/21/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>3940</b>	< 21.0			
1	MW-2106	4/27/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>3100</b>	< 21.0			
1	MW-2106	7/26/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>2360</b>	< 21.0			
1	MW-2106	10/27/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>1720</b>	< 21.0			
1	MW-2106	1/23/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.9</b>	< 1.0			
1	MW-2106	4/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>65.9</b>	< 1.0			
1	MW-2106	7/25/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	<b>811</b>	< 10.5			
1	MW-2106	10/16/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2107	12/9/2020	< 4.2	< 1.5	< 1.8	< 2.0	< 2.0	< 2.1	< 0.82	< 0.67	< 1.2	< 0.64	<b>293</b>	< 3.8			
1	MW-2107	4/7/2021	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>533</b>	< 2.6			
1	MW-2107	2/21/2022	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>271</b>	< 2.6			
1	MW-2107	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<u>0.47</u> <sup>J</sup>	< 0.53	< 0.32	<b>253</b>	< 1.0			
1	MW-2107	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<u>0.39</u> <sup>J</sup>	< 0.53	< 0.32	<b>2.8</b>	< 1.0			
1	MW-2107	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<u>0.34</u> <sup>J</sup>	< 0.53	< 0.32	<b>286</b>	< 1.0			
1	MW-2107	10/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<u>0.67</u> <sup>J</sup>	< 0.53	< 0.32	<b>16.5</b>	<u>1.1</u> <sup>J</sup>			
1	MW-2107	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<u>0.30</u> <sup>J</sup>	< 0.53	< 0.32	<u>0.18</u> <sup>J</sup>	< 1.0			
1	MW-2107	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.1</b>	< 1.0			
1	MW-2107	7/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2107	10/17/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<u>0.40</u> <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0			

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
			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
1	PZ-2107	12/9/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>3680</b>	< 3.2	
1	PZ-2107	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1150</b>	< 3.3	
1	PZ-2107	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	<b>3.9</b>	< 1.4	<u>5.8</u>	<b>78.4</b>	< 0.33	
1	PZ-2107	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>838</b>	< 0.33	
1	PZ-2107	4/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>692</b>	< 3.3	
1	PZ-2107	7/25/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>636</b>	< 3.3	
1	PZ-2107	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1040</b>	< 3.3	
1	PZ-2107	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>543</b>	< 3.3	
1	PZ-2107	4/26/2023	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 2.0	<b>319</b>	< 1.3	
1	PZ-2107	7/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	<b>515</b>	< 3.3	
1	PZ-2107	10/17/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	<b>614</b>	< 3.3	
1	MW-2108	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	<b>0.27<sup>J</sup></b>	< 0.36	< 1.3	< 1.3	< 0.27	<b>2.1<sup>J+</sup></b>	
1	MW-2108	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	<b>0.36<sup>J</sup></b>	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	<b>1.3<sup>J+</sup></b>	
1	MW-2108	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2108	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2108	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2108	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2108	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2108	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33	
1	MW-2108	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	MW-2108	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33	
1	MW-2108	10/17/2023	< 0.30	< 0.58	< 0.29	<b>3.9</b>	<b>5.3</b>	< 0.33	< 0.35	<b>5.0</b>	< 0.42	< 1.4	< 0.50	< 0.47	<b>30</b>	
1	MW-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>87.4</b>	< 0.32	
1	MW-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>172</b>	< 0.33	
1	MW-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>96.8</b>	< 0.33	
1	MW-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>105</b>	< 0.33	
1	MW-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	<b>0.36<sup>J</sup></b>	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>39.4</u>	< 0.33	
1	MW-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>99.6</b>	< 0.33	
1	MW-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>85.1</b>	< 0.33	
1	MW-2109	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>74.3</b>	< 0.33	
1	MW-2109	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>4.8</b>	< 0.33	
1	MW-2109	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>43.7</u>	< 0.33	
1	MW-2109	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>26.8</u>	< 0.33	



**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)	
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	NE	0.5	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	PZ-2107	12/9/2020	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	<b>51.9</b>	< 2.6	<b>1340</b>	< 15.0		
1	PZ-2107	4/8/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>21.5</b>	< 3.2	<b>177</b>	< 10.5		
1	PZ-2107	2/22/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>1.6</b>	< 0.32	<b>3.5</b>	< 1.0		
1	PZ-2107	3/22/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>14.2</b>	< 0.32	<b>903</b>	< 1.0		
1	PZ-2107	4/26/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>14.1</b>	< 3.2	<b>83.3</b>	< 10.5		
1	PZ-2107	7/25/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>11.6</b>	< 3.2	<b>376</b>	< 10.5		
1	PZ-2107	10/27/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>7.7<sup>J</sup></b>	< 3.2	<b>1100</b>	< 10.5		
1	PZ-2107	1/24/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	<b>94.7</b>	< 10.5		
1	PZ-2107	4/26/2023	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	<b>4.4</b>	< 1.3	<b>16.6</b>	< 4.2		
1	PZ-2107	7/25/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	<b>220</b>	< 10.5		
1	PZ-2107	10/17/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>6.7<sup>J</sup></b>	< 3.2	<b>474</b>	< 10.5		
1	MW-2108	12/9/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	<b>0.74<sup>J</sup></b>	< 0.46	< 0.26	<b>2.3<sup>J+</sup></b>	3.4		
1	MW-2108	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.57<sup>J</sup></b>	< 0.53	< 0.32	<b>2.4<sup>J+</sup></b>	2.0 <sup>J</sup>		
1	MW-2108	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.8</b>	< 1.0		
1	MW-2108	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.0</b>	< 1.0		
1	MW-2108	4/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.1</b>	< 1.0		
1	MW-2108	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.0</b>	< 1.0		
1	MW-2108	10/24/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.0</b>	< 1.0		
1	MW-2108	1/23/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.0</b>	< 1.0		
1	MW-2108	4/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.0</b>	< 1.0		
1	MW-2108	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.9</b>	< 1.0		
1	MW-2108	10/17/2023	<b>2.6<sup>J</sup></b>	< 0.32	< 0.86	<b>2.3</b>	<b>2.2<sup>J</sup></b>	<b>0.54<sup>J</sup></b>	< 0.41	<b>8.2</b>	< 0.53	< 0.32	<b>2.0</b>	<b>26.2</b>		
1	MW-2109	12/9/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	<b>1.3<sup>J</sup></b>	< 0.26	<b>27.7</b>	< 1.5		
1	MW-2109	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>1.2</b>	< 0.32	<b>51.6</b>	< 1.0		
1	MW-2109	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>1.1</b>	< 0.32	<b>81.1</b>	< 1.0		
1	MW-2109	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>1.1</b>	< 0.32	<b>77.3</b>	< 1.0		
1	MW-2109	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.84<sup>J</sup></b>	< 0.32	<b>18.8</b>	< 1.0		
1	MW-2109	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>2.2</b>	< 0.32	<b>70.4</b>	< 1.0		
1	MW-2109	10/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>1.5</b>	< 0.32	<b>98.0</b>	< 1.0		
1	MW-2109	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.92<sup>J</sup></b>	< 0.32	<b>90.8</b>	< 1.0		
1	MW-2109	4/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	MW-2109	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>94.9</b>	< 1.0		
1	MW-2109	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>54.6</b>	< 1.0		

**Table 3A  
Detected Volatile Organic Compounds in Groundwater  
Treatment Area 1  
Former Kenosha Engine Plant**

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
		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
Treatment Area	Sample Location	Sample Date													
1	PZ-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>11.3</u>	< 0.32
1	PZ-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>8.7</u>	< 0.33
1	PZ-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>4.8</u>	< 0.33
1	PZ-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>3.3</u>	< 0.33
1	PZ-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>1.4</u>	< 0.33
1	PZ-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>3.4</u>	< 0.33
1	PZ-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>3.4</u>	< 0.33
1	PZ-2109	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>1.8</u>	< 0.33
1	PZ-2109	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>2.1</u>	< 0.33
1	PZ-2109	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>3</u>	< 0.33
1	PZ-2109	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>2.4</u>	< 0.33
1	MW-2110	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>8.4</u>	< 0.32
1	MW-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.76</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<u>2.7</u>	< 0.33
1	MW-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>7.6</u>	< 0.33
1	MW-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>8.5</u>	< 0.33
1	MW-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.36</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<u>2.9</u>	< 0.33
1	MW-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>5.7</u>	< 0.33
1	MW-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>9.5</u>	< 0.33
1	MW-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>5.5</u>	< 0.33
1	MW-2110	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.47</u> <sup>J</sup>	< 0.42	< 1.4	< 0.50	<u>3.8</u>	< 0.33
1	MW-2110	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>7.9</u>	< 0.33
1	MW-2110	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<u>6.8</u>	< 0.33
1	PZ-2110	12/8/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27	< 0.32
1	PZ-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2110	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	PZ-2110	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	PZ-2110	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		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
Treatment Area	Sample Location	Sample Date												
1	PZ-2109	12/9/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	<b>9.3</b>	< 1.5
1	PZ-2109	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.4</b> <sup>J†</sup>	< 1.0
1	PZ-2109	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>11.2</b>	< 1.0
1	PZ-2109	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>10.0</b>	< 1.0
1	PZ-2109	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.7</b>	< 1.0
1	PZ-2109	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>12.8</b>	< 1.0
1	PZ-2109	10/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53 <sup>UU</sup>	< 0.32	<b>12.9</b>	< 1.0
1	PZ-2109	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.9</b>	< 1.0
1	PZ-2109	4/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>14.0</b>	< 1.0
1	PZ-2109	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>20.7</b>	< 1.0
1	PZ-2109	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>15.4</b>	< 1.0
1	MW-2110	12/15/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	<b>5.3</b>	< 1.5
1	MW-2110	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 2.1 <sup>U</sup>	< 1.0
1	MW-2110	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.8</b>	< 1.0
1	MW-2110	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.7</b>	< 1.0
1	MW-2110	4/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.3</b>	< 1.0
1	MW-2110	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>6.6</b>	< 1.0
1	MW-2110	10/27/2022	< 1.0	<b>0.38</b> <sup>J</sup>	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.9</b>	< 1.0
1	MW-2110	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.7</b>	< 1.0
1	MW-2110	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>6.1</b>	< 1.0
1	MW-2110	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.4</b>	< 1.0
1	MW-2110	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>6.3</b>	< 1.0
1	PZ-2110	12/8/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-2110	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	4/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	10/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53 <sup>UU</sup>	< 0.32	< 0.17	< 1.0
1	PZ-2110	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
			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
1	MW-2111	12/11/2020	< 34.1	< 30.6	< 35.0	< 105	< 109	< 88.2	< 78.5	< 30.8	< 45.5	< 168	< 159	<b>742</b>	< 39.8	
1	MW-2111	4/8/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148	<b>579</b>	< 40.6	
1	MW-2111	2/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.78</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>191</b>	< 0.33	
1	MW-2111	3/23/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	<u>1.4</u> <sup>J</sup>	< 1.7	< 5.5	< 4.7	<b>362</b>	< 1.3	
1	MW-2111	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>4.1</b>	< 0.42	< 1.4	< 1.2	<b>31.3</b>	<b>0.37</b> <sup>J</sup>	
1	MW-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.4</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>801</b>	< 0.33	
1	MW-2111	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	<u>1.6</u> <sup>J</sup>	< 2.1	< 6.9	< 5.9	<b>1250</b>	< 1.6	
1	MW-2111	1/25/2023	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	<u>1.6</u> <sup>J</sup>	< 2.1	< 6.9	< 5.9	<b>2070</b>	< 1.6	
1	MW-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.51</u> <sup>J</sup>	< 0.42	< 1.4	< 0.50	<b>18.3</b>	< 0.33	
1	MW-2111	7/27/2023	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.45 <sup>UJ</sup>	< 0.36 <sup>UJ</sup>	< 0.33 <sup>UJ</sup>	< 0.35 <sup>UJ</sup>	<u>1.3</u> <sup>J</sup>	< 0.42 <sup>UJ</sup>	< 1.4 <sup>UJ</sup>	< 0.50 <sup>UJ</sup>	<u>13.9</u> <sup>J</sup>	< 0.33 <sup>UJ</sup>	
1	MW-2111	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>1.4</b>	< 0.42	< 1.4	< 0.50	<b>19.4</b>	< 0.33	
1	PZ-2111	12/11/2020	< 2.7	<u>3.7</u> <sup>J</sup>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>2810</b>	< 3.2	
1	PZ-2111	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1040</b>	< 3.3	
1	PZ-2111	2/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>140</b>	< 0.65	
1	PZ-2111	3/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>125</b>	< 0.65	
1	PZ-2111	4/26/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>99.1</b>	< 0.65	
1	PZ-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>51.1</b>	< 0.33	
1	PZ-2111	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.32</b> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>35.6</b>	< 0.33	
1	PZ-2111	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.47</b> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>12.6</b>	< 0.33	
1	PZ-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.39</b> <sup>J</sup>	< 0.42	<b>3.7</b> <sup>J</sup>	< 0.50	<b>6.9</b>	<b>0.60</b> <sup>J</sup>	
1	PZ-2111	7/27/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.36</b> <sup>J</sup>	< 0.42	< 1.4	< 0.50	<b>7.1</b>	< 0.33	
1	PZ-2111	10/18/2023	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.45 <sup>UJ</sup>	< 0.36 <sup>UJ</sup>	< 0.33 <sup>UJ</sup>	< 0.35 <sup>UJ</sup>	<b>0.41</b> <sup>J</sup>	< 0.42 <sup>UJ</sup>	< 1.4 <sup>UJ</sup>	< 0.50 <sup>UJ</sup>	<b>6.5</b> <sup>J</sup>	< 0.33 <sup>UJ</sup>	
1	MW-2112	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>809</b>	< 3.2	
1	MW-2112 DUP	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>761</b>	< 3.2	
1	MW-2112	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>641</b>	< 3.3	
1	MW-2112	2/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>683</b>	< 3.3	
1	MW-2112	3/21/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>682</b>	< 3.3	
1	MW-2112	4/26/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	<b>369</b>	< 1.3	
1	MW-2112	7/25/2022	< 0.30	<b>1.1</b>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.42</b> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>739</b>	< 0.33	
1	MW-2112	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>587</b>	< 3.3	
1	MW-2112	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>516</b>	< 3.3	
1	MW-2112	4/25/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	<b>220</b>	< 0.65	
1	MW-2112	7/26/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	<b>595</b>	< 0.65	
1	MW-2112	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>5.8</b>	< 0.33	

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)	
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	NE	0.5	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	MW-2111	12/11/2020	< 211	< 72.6	< 88.5	< 101	< 100	< 106	< 40.8	< 33.7	<u>80.9</u> <sup>J</sup>	<b>8210</b>	< 21.8	< 188		
1	MW-2111	4/8/2021	< 125	< 39.9	< 107	< 43.2	< 130	< 53.0	< 51.1	< 36.0	< 66.0	<b>5340</b>	<b>34.8</b> <sup>J</sup>	< 131		
1	MW-2111	2/24/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.32</b> <sup>J</sup>	<b>0.82</b> <sup>J</sup>	<b>25.1</b>	<b>5.5</b>	< 1.0		
1	MW-2111	3/23/2022	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	< 2.1	<b>7.9</b>	<b>5.9</b>	< 4.2		
1	MW-2111	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>2.2</b>	< 0.53	<b>20.5</b>	< 0.17	< 1.0		
1	MW-2111	7/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.34</b> <sup>J</sup>	<b>0.64</b> <sup>J</sup>	<u>1.3</u>	<b>13.9</b>	< 1.0		
1	MW-2111	10/27/2022	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	< 2.6	< 1.6	<b>78.6</b>	< 5.2		
1	MW-2111	1/25/2023	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	<b>2.7</b> <sup>J</sup>	< 1.6	<b>411</b>	< 5.2		
1	MW-2111	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.31</b> <sup>J</sup>	< 0.53	<u>0.80</u> <sup>J</sup>	<b>2.7</b>	< 1.0		
1	MW-2111	7/27/2023	< 1.0 <sup>UU</sup>	< 0.32 <sup>UU</sup>	< 0.86 <sup>UU</sup>	< 0.35 <sup>UU</sup>	< 1.0 <sup>UU</sup>	< 0.42 <sup>UU</sup>	< 0.41 <sup>UU</sup>	<b>0.73</b> <sup>J-</sup>	< 0.53 <sup>UU</sup>	<u>1.5</u> <sup>J-</sup>	<b>4.1</b> <sup>J-</sup>	< 1.0 <sup>UU</sup>		
1	MW-2111	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.70</b> <sup>J</sup>	< 0.53	<u>1.4</u>	<b>5.9</b>	< 1.0		
1	PZ-2111	12/11/2020	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	<b>248</b>	<b>1550</b>	<b>77.8</b>	< 15.0		
1	PZ-2111	4/8/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<u>67.2</u>	<b>215</b>	<b>22.1</b>	< 10.5		
1	PZ-2111	2/23/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	<b>2.9</b>	<u>1.6</u> <sup>J</sup>	<b>43.1</b>	< 2.1		
1	PZ-2111	3/23/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>23.7</b>	< 2.1		
1	PZ-2111	4/26/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>11.2</b>	< 2.1		
1	PZ-2111	7/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<b>0.41</b> <sup>J</sup>	<b>3.9</b>	< 1.0		
1	PZ-2111	10/27/2022	< 1.0	<b>0.4</b> <sup>J</sup>	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>0.83</b> <sup>J-</sup>	<u>1.2</u>	<b>4.4</b>	< 1.0		
1	PZ-2111	1/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.8</b>	< 1.0		
1	PZ-2111	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.71</u> <sup>J</sup>	< 0.17	< 1.0		
1	PZ-2111	7/27/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.57</u> <sup>J</sup>	<b>0.97</b> <sup>J</sup>	< 1.0		
1	PZ-2111	10/18/2023	< 1.0 <sup>UU</sup>	< 0.32 <sup>UU</sup>	< 0.86 <sup>UU</sup>	< 0.35 <sup>UU</sup>	< 1.0 <sup>UU</sup>	< 0.42 <sup>UU</sup>	< 0.41 <sup>UU</sup>	< 0.29 <sup>UU</sup>	< 0.53 <sup>UU</sup>	< 0.32 <sup>UU</sup>	<b>0.81</b> <sup>J-</sup>	< 1.0 <sup>UU</sup>		
1	MW-2112	12/15/2020	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	<b>8.5</b> <sup>J</sup>	< 2.6	<b>305</b>	< 15.0		
1	MW-2112 DUP	12/15/2020	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	<b>6.8</b> <sup>J</sup>	< 2.6	<b>302</b>	< 15.0		
1	MW-2112	4/8/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>13.4</b>	< 3.2	<b>282</b>	< 10.5		
1	MW-2112	2/22/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>6.5</b> <sup>J</sup>	< 3.2	<b>407</b>	< 10.5		
1	MW-2112	3/21/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>5.5</b> <sup>J</sup>	< 3.2	<b>440</b>	< 10.5		
1	MW-2112	4/26/2022	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	<b>3.7</b> <sup>J</sup>	<u>1.4</u> <sup>J</sup>	<b>301</b>	< 4.2		
1	MW-2112	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>4.1</b>	< 0.32	<b>412</b>	< 1.0		
1	MW-2112	10/27/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>5.4</b> <sup>J</sup>	< 3.2	<b>373</b>	< 10.5		
1	MW-2112	1/24/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>14.4</b>	< 3.2	<b>332</b>	< 10.5		
1	MW-2112	4/25/2023	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	<b>1.7</b> <sup>J</sup>	< 0.64	<b>171</b>	< 2.1		
1	MW-2112	7/26/2023	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	<b>2.0</b> <sup>J</sup>	< 0.64	<b>418</b>	< 2.1		
1	MW-2112	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.52</u> <sup>J</sup>	<b>12.3</b>	< 1.0		

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
		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
Treatment Area	Sample Location	Sample Date													
1	PZ-2112	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	1.0	< 0.32
1	PZ-2112 DUP	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	0.84 <sup>J</sup>	< 0.32
1	PZ-2112	4/8/2021	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.45	< 0.36	< 0.33 <sup>UJ</sup>	< 0.35 <sup>UJ</sup>	< 0.30 <sup>UJ</sup>	< 0.42 <sup>UJ</sup>	< 1.4 <sup>UJ</sup>	< 1.2 <sup>UJ</sup>	< 0.47 <sup>UJ</sup>	< 0.33 <sup>UJ</sup>
1	PZ-2112	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.59 <sup>J</sup>	< 0.33
1	PZ-2112	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.58 <sup>J</sup>	< 0.33
1	PZ-2112	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2112	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2112	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2112	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2112	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	PZ-2112	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	PZ-2112	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	MW-2113	12/14/2020	< 0.27	0.51 <sup>J</sup>	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	321	< 0.32
1	MW-2113	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	14	< 3.3
1	MW-2113	2/23/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	716	< 3.3
1	MW-2113	3/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	707	< 3.3
1	MW-2113	4/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	108	< 6.5
1	MW-2113	7/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	24.1	< 3.3
1	MW-2113	10/27/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	269	< 1.3
1	MW-2113	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 29.6	376	< 8.1
1	MW-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	682	< 0.33
1	MW-2113	7/26/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 12.6	2270	< 8.1
1	MW-2113	10/17/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	18	< 0.33
1	PZ-2113	12/14/2020	< 27.3	< 24.5	< 28.0	< 84.1	< 87.3	< 70.5	< 62.8	< 24.6	< 36.4	< 134	< 127	16000	< 31.9
1	PZ-2113	4/9/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148	11800	< 40.6
1	PZ-2113	2/24/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	2740	< 6.5
1	PZ-2113	3/23/2022	< 0.59	2.5	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	0.90 <sup>J</sup>	< 0.83	< 2.8	< 2.4	2920	< 0.65
1	PZ-2113	4/26/2022	< 11.8	< 23.3	< 11.7	< 17.9	< 14.3	< 13.0	< 14.0	< 11.8	< 16.6	< 55.2	< 47.3	888	< 13.0
1	PZ-2113	7/26/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	108	< 1.6
1	PZ-2113	10/27/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	0.85 <sup>J</sup>	< 0.83	< 2.8	< 2.4	40.9	< 0.65
1	PZ-2113	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.1	< 0.42	< 1.4	< 1.2	7.8	< 0.33
1	PZ-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.96 <sup>J</sup>	< 0.42	< 1.4	< 0.50	8.1	< 0.33
1	PZ-2113	8/28/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.89 <sup>J</sup>	< 0.42	< 1.4	< 0.50	25.3	< 0.33
1	PZ-2113	10/17/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.95 <sup>J</sup>	< 0.42	< 1.4	< 0.50	17.9	< 0.33

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)		
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000	
			PAL	NE	0.5	NE	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	PZ-2112	12/15/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	0.27 <sup>J</sup>	<b>4.6<sup>J</sup></b>	< 1.5			
1	PZ-2112 DUP	12/15/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	0.26 <sup>J</sup>	<b>1.7<sup>J*</sup></b>	< 1.5			
1	PZ-2112	4/8/2021	< 1.0 <sup>UU</sup>	< 0.32 <sup>UU</sup>	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29 <sup>UU</sup>	< 0.53 <sup>UU</sup>	0.46 <sup>J</sup>	<b>1.1<sup>J</sup></b>	< 1.0 <sup>UU</sup>			
1	PZ-2112	2/22/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	3/21/2022	< 1.0	<b>0.54<sup>J</sup></b>	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.45<sup>J</sup></b>	< 1.0			
1	PZ-2112	10/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	4/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	7/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	PZ-2112	10/18/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0			
1	MW-2113	12/14/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	<b>38.7</b>	<b>2.9</b>	<b>706</b>	< 1.5			
1	MW-2113	4/8/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	<b>781</b>	< 10.5			
1	MW-2113	2/23/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>73</b>	< 3.2	<b>1660</b>	< 10.5			
1	MW-2113	3/22/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<b>78.2</b>	< 3.2	<b>3550</b>	< 10.5			
1	MW-2113	4/26/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	<b>25</b>	< 6.4	<b>2040</b>	< 21.0			
1	MW-2113	7/26/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	10.7	< 3.2	<b>1300</b>	< 10.5			
1	MW-2113	10/27/2022	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	<b>38.8<sup>J</sup></b>	< 1.3	<b>3050</b>	< 4.2			
1	MW-2113	1/25/2023	< 25.0	< 8.0	< 21.4	< 8.6	< 26.1	< 10.6	< 10.2	< 7.2	<b>31.9</b>	< 8.0	<b>1710</b>	< 26.2			
1	MW-2113	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>28.4</b>	<b>0.57<sup>J</sup></b>	<b>1010</b>	< 1.0			
1	MW-2113	7/26/2023	< 25.0	< 8.0	< 21.4	< 8.6	< 26.1	< 10.6	< 10.2	< 7.2	<b>53</b>	< 8.0	<b>1950</b>	< 26.2			
1	MW-2113	10/17/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.97 <sup>J</sup>	<b>1.2</b>	<b>15.1</b>	< 1.0			
1	PZ-2113	12/14/2020	< 169	< 58.1	< 70.8	< 81.1	< 80.0	< 84.9	< 32.6	< 26.9	<b>1760</b>	<b>5060</b>	<b>286</b>	< 150			
1	PZ-2113	4/9/2021	< 125	< 39.9	< 107	< 43.2	< 130	< 53.0	< 51.1	< 36.0	<b>1270</b>	<b>4240</b>	<b>126</b>	< 131			
1	PZ-2113	2/24/2022	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	<b>46.5</b>	<b>6.9<sup>J</sup></b>	<b>359</b>	< 21.0			
1	PZ-2113	3/23/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	<b>38.9</b>	<b>1.3<sup>J</sup></b>	<b>888</b>	< 2.1			
1	PZ-2113	4/26/2022	< 40.0	< 12.8	< 34.3	< 13.8	< 41.8	< 17.0	< 16.3	< 11.5	<b>27.7<sup>J</sup></b>	< 12.8	<b>2090</b>	< 41.9			
1	PZ-2113	7/26/2022	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	14.7	<b>1.8<sup>J</sup></b>	<b>835</b>	< 5.2			
1	PZ-2113	10/27/2022	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	12 <sup>J</sup>	< 0.64	<b>177</b>	< 2.1			
1	PZ-2113	1/25/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.34 <sup>J</sup>	7.1	0.40 <sup>J</sup>	<b>47</b>	< 1.0			
1	PZ-2113	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.44 <sup>J</sup>	2.8	0.37 <sup>J</sup>	<b>35.8</b>	< 1.0			
1	PZ-2113	8/28/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.37 <sup>J</sup>	2.4	<b>0.88<sup>J</sup></b>	<b>87.7</b>	< 1.0			
1	PZ-2113	10/17/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.35 <sup>J</sup>	2.1	<b>0.60<sup>J</sup></b>	<b>67.7</b>	< 1.0			

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
		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
Treatment Area	Sample Location	Sample Date													
1	MW-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>7.6</u>	< 0.32
1	MW-2114	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	1.5 <sup>J</sup>	< 1.2	<u>9.5</u>	< 0.33
1	MW-2114	2/21/2022	0.40 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.5	< 0.33
1	MW-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.1	< 0.33
1	MW-2114	4/26/2022	0.53 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.3	< 0.33
1	MW-2114	7/25/2022	0.30 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.4	< 0.33
1	MW-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>7.8</u>	< 0.33
1	MW-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.9	< 0.33
1	MW-2114	4/26/2023	0.53 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	5.7	< 0.33
1	MW-2114	7/24/2023	0.35 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	6.0	< 0.33
1	MW-2114	10/16/2023	0.95 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	6.1	< 0.33
1	PZ-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27	< 0.32
1	PZ-2114	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2114	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	<u>0.49<sup>J</sup></u>	< 1.4	<u>3.6<sup>J</sup></u>	< 0.47	< 0.33
1	PZ-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2114	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	0.35 <sup>J</sup>	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2114	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33
1	PZ-2114	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	PZ-2114	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	PZ-2114	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47	< 0.33
1	MW-61	6/15/2017	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	16 <sup>J</sup>	< 12.5	< 9.4	< 62.5	1420	< 12.5
1	MW-61	9/13/2017	< 4.8	< 8.2	< 3.4	< 10	< 10	< 10	< 10	18.8 <sup>J</sup>	< 10	< 7.5	< 50	2160	< 10
1	MW-61	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	16.6 <sup>J</sup>	< 12.5	< 9.4	< 62.5	2540	< 12.5
1	MW-61	12/11/2020	< 2.7	<u>5.3<sup>J</sup></u>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	12.4	< 3.6	< 13.4	< 12.7	1850	< 3.2
1	MW-61	4/8/2021	< 3.0	<u>6.0<sup>J</sup></u>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	11.0	< 4.2	< 13.8	< 11.8	3080	< 3.3
1	MW-61	2/23/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	< 3.0	259	< 0.81
1	MW-61	3/22/2022	< 3.0	13.1	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	19.2	< 4.2	< 13.8	< 11.8	8570	< 3.3
1	MW-61	4/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<u>58.8<sup>J</sup></u>	< 3.3
1	MW-61	7/25/2022	< 3.0	8.0 <sup>J</sup>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	13.1	< 4.2	< 13.8	< 11.8	4720	< 3.3
1	MW-61	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	5.6 <sup>J</sup>	< 4.2	< 13.8	< 11.8	1010	< 3.3
1	MW-61	1/24/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	4.9	< 1.0	< 3.4	< 3.0	121	< 0.81
1	MW-61	4/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	1140	< 3.3
1	MW-61	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	1210	< 3.3
1	MW-61	10/19/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	12	< 4.2	< 13.8	< 5.0	1890	< 3.3



**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)	
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	NE	0.5	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	MW-2114	12/14/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	0.51 <sup>J</sup>	< 0.26	4.7	< 1.5		
1	MW-2114	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.66 <sup>J</sup>	< 0.32	7.3 <sup>J*</sup>	< 1.0		
1	MW-2114	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	4.2	< 1.0		
1	MW-2114	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	3.5	< 1.0		
1	MW-2114	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	7.0	< 1.0		
1	MW-2114	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	3.4	< 1.0		
1	MW-2114	10/24/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	4.1	< 1.0		
1	MW-2114	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	3.9	< 1.0		
1	MW-2114	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	7.5	< 1.0		
1	MW-2114	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	4.3	< 1.0		
1	MW-2114	10/16/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	5.3	< 1.0		
1	PZ-2114	12/14/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.25 <sup>U</sup>	< 1.5		
1	PZ-2114	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	4/26/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	10/24/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	0.53 <sup>J</sup>	< 1.0		
1	PZ-2114	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	7/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-2114	10/16/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0		
1	MW-61	6/15/2017	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	42.6	61.4	760	< 37.5		
1	MW-61	9/13/2017	< 2.9	< 4.7	< 10	< 10	< 10	< 43.7	< 10	< 10	103	111	835	< 30		
1	MW-61	3/21/2018	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	104	3280	< 37.5		
1	MW-61	12/11/2020	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	37.2	124	1150	< 15.0		
1	MW-61	4/8/2021	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	73.7	176	1170	< 10.5		
1	MW-61	2/23/2022	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	2.8	13.7	53.1	< 2.6		
1	MW-61	3/22/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	22.8	18	2710	< 10.5		
1	MW-61	4/27/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2 <sup>UU</sup>	543	< 10.5		
1	MW-61	7/25/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	37.2	168	3020	< 10.5		
1	MW-61	10/27/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	8.2 <sup>J</sup>	9.0 <sup>J</sup>	680	< 10.5		
1	MW-61	1/24/2023	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	246	< 2.6		
1	MW-61	4/26/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	7.1 <sup>J</sup>	10.2	1040	< 10.5		
1	MW-61	7/26/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	8.4 <sup>J</sup>	12.6	1560	< 10.5		
1	MW-61	10/19/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	14.4	11.4	1960	< 10.5		

**Table 3A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	Ethylbenzene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	700
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	140
		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
Treatment Area	Sample Location	Sample Date													
1	MW-61 DUP	6/15/2017	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	<b>19.1<sup>J</sup></b>	< 12.5	< 9.4	< 62.5	<b>1280</b>	< 12.5
1	MW-61 DUP	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	<b>16.3<sup>J</sup></b>	< 12.5	< 9.4	< 62.5	<b>2560</b>	< 12.5
1	MW-61 DUP	4/27/2022	< 0.30	<b>3.2</b>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>154<sup>J</sup></b>	< 0.33
1	MW-61 DUP	7/25/2022	< 3.0	<b>9.8<sup>J</sup></b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>13.2</b>	< 4.2	< 13.8	< 11.8	<b>4670</b>	< 3.3
1	MW-61 DUP	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>7.7<sup>J</sup></b>	< 4.2	< 13.8	< 11.8	<b>1070</b>	< 3.3
1	MW-61 DUP	10/19/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>10.6</b>	< 4.2	< 13.8	< 5.0	<b>1960</b>	< 3.3
1	PZ-61	6/15/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125	<b>5290</b>	< 25
1	PZ-61	9/13/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125	<b>2880</b>	< 25
1	PZ-61	3/21/2018	< 2.4	< 4.1	< 1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 3.7	< 25	<b>1210</b>	< 5
1	PZ-61	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>0.61<sup>J</sup></b>	< 0.32
1	PZ-61	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>2.3</b>	< 0.33
1	PZ-61	2/21/2022	< 0.30	<b>4.6</b>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>2.8</b>	< 0.42	< 1.4	< 1.2	<b>1230</b>	< 0.33
1	PZ-61	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.30<sup>J</sup></b>	< 0.42	< 1.4	< 1.2	<b>2.2</b>	< 0.33
1	PZ-61	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.31<sup>J</sup></b>	< 0.42	< 1.4	< 1.2	<b>1.7</b>	< 0.33
1	PZ-61	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>2.6</b>	< 0.33
1	PZ-61	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>2.1</b>	< 0.33
1	PZ-61	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>1.3</b>	< 0.33
1	PZ-61	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>0.65<sup>J</sup></b>	< 0.33
1	PZ-61	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>0.93<sup>J</sup></b>	< 0.33
1	PZ-61	10/19/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	<b>1.3</b>	< 0.33
1	PZ-75	6/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5	< 0.26	< 0.5
1	PZ-75	9/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5	< 0.26	< 0.5
1	PZ-75	3/22/2018	< 1.2	< 2.1	< 0.84	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 1.9	< 12.5	< 1.3	< 2.5
1	PZ-75	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27	< 0.32
1	PZ-75	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	< 0.33

**Table 3A  
Detected Volatile Organic Compounds in Groundwater  
Treatment Area 1  
Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte:	Isopropyl benzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyl toluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)	
			ES	NE	5	NE	NE	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	NE	0.5	NE	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
			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
1	MW-61 DUP	6/15/2017	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	<u>44.7</u>	<b>68.6</b>	<b>752</b>	< 37.5		
1	MW-61 DUP	3/21/2018	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	<b>116</b>	<b>3140</b>	< 37.5		
1	MW-61 DUP	4/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>2.1</b>	<b>40.5<sup>J</sup></b>	<b>707</b>	< 1.0		
1	MW-61 DUP	7/25/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<u>46.2</u>	<b>167</b>	<b>3030</b>	< 10.5		
1	MW-61 DUP	10/27/2022	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	<b>7<sup>J</sup></b>	<b>679</b>	< 10.5		
1	MW-61 DUP	10/19/2023	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	<u>7.7<sup>J</sup></u>	<b>11.8</b>	<b>1900</b>	< 10.5		
1	PZ-61	6/15/2017	< 7.2	< 11.6	< 25	< 25	< 25	< 109	< 25	<b>32.5<sup>J</sup></b>	<u>78</u>	<b>251</b>	<b>272</b>	< 75		
1	PZ-61	9/13/2017	< 7.2	< 11.6	< 25	< 25	< 25	< 109	< 25	< 25	< 12.8	<b>37.9<sup>J</sup></b>	<b>203</b>	< 75		
1	PZ-61	3/21/2018	< 1.4	< 2.3	< 5	< 5	< 5	< 21.9	< 5	< 5	< 2.6	<u>4.2<sup>J</sup></u>	<b>81.2</b>	< 15		
1	PZ-61	12/11/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	<b>1.5</b>	< 0.46	< 0.26	< 0.34 <sup>U</sup>	< 1.5		
1	PZ-61	4/7/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.0</b>	< 0.53	<u>0.77<sup>J</sup></u>	< 0.27 <sup>U</sup>	< 1.0		
1	PZ-61	2/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	<b>7.0</b>	<b>31.2</b>	<b>270</b>	< 1.0		
1	PZ-61	3/21/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.4</b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-61	4/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.5</b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-61	7/25/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.1</b>	< 0.53	< 0.32	<b>0.66<sup>J</sup></b>	< 1.0		
1	PZ-61	10/27/2022	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.92<sup>J</sup></b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-61	1/24/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.2</b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-61	4/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>0.42<sup>J</sup></b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-61	7/26/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.3</b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-61	10/19/2023	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>1.2</b>	< 0.53	< 0.32	< 0.17	< 1.0		
1	PZ-75	6/14/2017	< 0.14	< 0.23	< 0.5	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	<b>18.6</b>	< 1.5		
1	PZ-75	9/14/2017	< 0.14	< 0.23	< 0.5	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	<b>65.1</b>	< 1.5		
1	PZ-75	3/22/2018	< 0.72	< 1.2	< 2.5	< 2.5	< 2.5	< 10.9	< 2.5	< 2.5	< 1.3	< 1.7	<b>673</b>	< 7.5		
1	PZ-75	12/11/2020	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5		
1	PZ-75	4/8/2021	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	<b>52.6</b>	< 0.53	<u>0.69<sup>J</sup></u>	<b>75.1</b>	< 1.0		

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

NE= Not Established

<sup>U</sup> =Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2101	12/9/2020	0.078	< 0.0010	< 0.00024	0.0011	<b>1.2</b>	<b>1.2</b>	<u>0.21</u>	<u>0.2</u>	380	25.0 <sup>J</sup>	86.5	<b>192</b>	< 1.2	7.7	4.5 <sup>J</sup>	< 1.2	182
1	MW-2101	4/8/2021	0.084	< 0.0010	< 0.00024	0.0051	< 0.058	<b>5.3</b>	<u>0.18</u>	<u>0.23</u>	373	23.7 <sup>J</sup>	40.4	<b>322</b>	< 1.2	7.3	< 1.2	< 1.2	5.9
1	MW-2101	2/22/2022	0.022	< 0.0010	< 0.00024	< 0.00028	<b>112</b>	<b>76.5</b>	<u>0.17</u>	<u>0.09</u>	767	1730	49.9	< 4.4	< 1.2	587	49.5	42.8	349
1	MW-2101	3/21/2022	0.04	< 0.0010	< 0.00024	< 0.00028	<b>161</b>	<b>142</b>	<u>0.24</u>	<u>0.21</u>	909	1580	58.1	< 4.4	< 1.2	654	68.9	51.2	926
1	MW-2101	4/27/2022	0.085	< 0.0010	< 0.00024	0.00095 <sup>J</sup>	<b>42.6</b>	<b>42.6</b>	<u>0.16</u>	<u>0.16</u>	747	936	57.7	48.7	< 1.2	337	47.3	42.2	116
1	MW-2101	7/26/2022	0.1	< 0.0010	< 0.00024	< 0.00028	<b>24.9</b>	<b>27</b>	<u>0.091</u>	<u>0.091</u>	758 <sup>-J</sup>	1280	48.2	< 4.4	< 1.2	481 <sup>-J</sup>	71.4	43.1	1870
1	MW-2101	10/27/2022	0.24	0.0015 <sup>J</sup>	< 0.00024	< 0.00028	<b>38.0</b>	<b>34.9</b>	<u>0.12</u>	<u>0.11</u>	808	1260	92.1	< 2.2	< 1.2	516	69.4	75.1	4800
1	MW-2101	1/25/2023	0.076	< 0.0010	< 0.00024	< 0.00028	<b>21.6</b>	<b>22.8</b>	0.026	0.024	493	781	58.1	< 4.4	< 1.2	286	93.6	364	7980
1	MW-2101	4/26/2023	0.047	0.0015 <sup>J</sup>	< 0.00024	0.00042 <sup>J</sup>	<b>12.7</b>	<b>11.3</b>	0.013	0.011	470	659	76.5	< 4.4	< 1.2 <sup>UJ</sup>	234	84.3	173	17900
1	MW-2101	7/26/2023	0.17	< 0.0010	< 0.00024	< 0.00028	<b>82.9</b>	<b>85.8</b>	<u>0.07</u>	<u>0.071</u>	937	1350	73.2	< 4.4	< 1.2	541	124	195	7710
1	MW-2101	10/18/2023	0.16	< 0.0010	< 0.00024	< 0.00028	<b>53.6<sup>J</sup></b>	<b>41.1<sup>J</sup></b>	0.037	0.034	522 <sup>-J</sup>	723	77.4	< 4.4	< 1.2 <sup>UJ</sup>	277	105	321	6680
1	PZ-2101	12/9/2020	0.069	< 0.0010	< 0.00024	0.0027	<b>1.5</b>	<b>1.5</b>	<u>0.16</u>	<u>0.15</u>	357	48.4 <sup>J</sup>	<b>396</b>	<b>426</b>	< 1.2	8	1.7 <sup>J</sup>	10.2	102
1	PZ-2101	4/9/2021	0.069	< 0.0010	< 0.00024	0.0024	<u>0.19<sup>J</sup></u>	<u>0.17<sup>J</sup></u>	<u>0.1</u>	<u>0.1</u>	378	43.9 <sup>J</sup>	<b>472</b>	<b>533</b>	< 1.2	6.9	1.4 <sup>J</sup>	4.6 <sup>J</sup>	49.3
1	PZ-2101	2/24/2022	<u>1.8</u>	< 0.010	< 0.0024	< 0.0028	<b>806</b>	<b>872</b>	<b>2.5</b>	<b>2.5</b>	4870	15400	<b>316</b>	22.6 <sup>J</sup>	< 1.2	0.19 <sup>J</sup>	512	3150	310
1	PZ-2101	3/23/2022	<u>1.9</u>	< 0.010	< 0.0024	< 0.0028	<b>593</b>	<b>595</b>	<b>2.5</b>	<b>2.5</b>	5750	13700	<b>412</b>	< 8.9	< 1.2	4480	666	3380	355
1	PZ-2101	4/27/2022	<b>2</b>	< 0.010	< 0.0024	< 0.0028	<b>596</b>	<b>553</b>	<b>2.6</b>	<b>2.3</b>	5980	15000	<b>461</b>	36.6 <sup>J</sup>	1.4 <sup>J</sup>	4430	1890	7100	831
1	PZ-2101	7/26/2022	<b>2.1</b>	< 0.0020	< 0.00047	< 0.00057	<b>636</b>	<b>640</b>	<b>2.5</b>	<b>2.5</b>	4880 <sup>-J</sup>	14800	<b>531</b>	< 8.9	< 12.0	4460 <sup>-J</sup>	1770	5950	959
1	PZ-2101	10/27/2022	<b>2.4</b>	< 0.0051	< 0.0012	< 0.0014	<b>583</b>	<b>595</b>	<b>2.2</b>	<b>2.4</b>	5890 <sup>-J</sup>	12400	<b>706</b>	< 8.9	< 1.2	4400	1620 <sup>-J</sup>	7830 <sup>-J</sup>	836 <sup>-J</sup>
1	PZ-2101	1/25/2023	<b>2.3</b>	< 0.010	< 0.0024	< 0.0028	<b>584</b>	<b>615</b>	<b>1.8</b>	<b>1.9</b>	4600	11600	<b>901</b>	< 8.9	< 1.2	3640	3690	20700	1730
1	PZ-2101	4/26/2023	<u>1.6</u>	< 0.0051	< 0.0012	< 0.0014	<b>485</b>	<b>471</b>	<b>1.3</b>	<b>1.3</b>	4550	9390	<b>882</b>	18.9 <sup>J</sup>	48.0 <sup>-J</sup>	1640	5210	6530	2860
1	PZ-2101	7/26/2023	<b>2</b>	< 0.0051	< 0.0012	< 0.0014	<b>405</b>	<b>450</b>	<b>1.1</b>	<b>1.1</b>	4550	9390	<b>978</b>	< 22.2	< 1.2	3330	2080	11800	801
1	PZ-2101	10/19/2023	<u>1.8</u>	< 0.020	< 0.0047	< 0.0057	<b>385<sup>J</sup></b>	<b>304<sup>J</sup></b>	<b>1.2</b>	<b>1.2</b>	3490	8270	<b>868</b>	9.3 <sup>J</sup>	2.0 <sup>J</sup>	2890	3210 <sup>-J</sup>	15300 <sup>-J</sup>	997 <sup>-J</sup>
1	MW-2102	12/15/2020	0.066	< 0.0010	< 0.00024	0.0033	<b>3.2</b>	<b>3.4</b>	<b>0.3</b>	<b>0.32</b>	347	41.7 <sup>J</sup>	88.5	<b>400<sup>-J</sup></b>	< 1.2	10.9	< 1.2	2.2 <sup>J</sup>	15.5
1	MW-2102	4/8/2021	0.055	< 0.0010	< 0.00024	0.0029	<b>2.7</b>	<b>4.1</b>	<b>0.32</b>	<b>0.3</b>	346	35.0 <sup>J</sup>	117	<b>411</b>	< 1.2	11	< 1.2	3.0 <sup>J</sup>	37.5
1	MW-2102	2/22/2022	0.03	< 0.0020	< 0.00047	< 0.00057	<b>470</b>	<b>448</b>	<b>2.1</b>	<b>2.3</b>	1530	1950	<u>129</u>	< 8.9	< 1.2	883	9.7	14.8	1200
1	MW-2102	3/22/2022	0.035	< 0.0051	< 0.0012	0.0019 <sup>J</sup>	<b>306</b>	<b>287</b>	<b>2.4</b>	<b>2.5</b>	1000	1670	94.4	<b>465</b>	< 1.2	588	16.1	16.4	5690
1	MW-2102	4/27/2022	0.021	< 0.0010	0.00031 <sup>J</sup>	0.012	<b>163</b>	<b>158</b>	<b>3.6</b>	<b>3.8</b>	903	1330	80.3	<b>713</b>	< 1.2	396	9.6	8.5	6310
1	MW-2102	7/25/2022	0.011	< 0.0010	< 0.00024	< 0.00028	<b>237</b>	<b>221</b>	<b>1.8</b>	<b>1.9</b>	1170 <sup>-J</sup>	4130	124 <sup>+</sup>	< 2.2	< 12.0	1570	7.1	12.5	6640
1	MW-2102	10/27/2022	0.091	< 0.0020	< 0.00047	< 0.00057	<b>188</b>	<b>175</b>	<b>1.7</b>	<b>1.9</b>	1290 <sup>+</sup>	1870	<u>176<sup>-J</sup></u>	< 4.4	< 1.2	699	6.3	32.1	8980
1	MW-2102	1/25/2023	0.027	< 0.0010	< 0.00024	0.0021	<b>6.8</b>	<b>7.3</b>	<b>0.71</b>	<b>0.63</b>	812	560	83.1	<b>690</b>	1.4 <sup>J</sup>	211	< 0.39	13.1	6720
1	MW-2102	4/26/2023	0.018	< 0.0010	< 0.00024	0.0027	<b>2.0</b>	<b>3.7</b>	<b>0.6</b>	<b>0.58</b>	1220	930	68.1	52.5	6.4	290	5.6	11.4	10400
1	MW-2102	7/26/2023	0.037	< 0.0010	0.00033 <sup>J</sup>	< 0.0028	<b>20.2</b>	<b>24.3</b>	<b>1.4</b>	<b>1.5</b>	1400	1580	<u>130</u>	< 4.4	< 1.2	506	5.2 <sup>J</sup>	9.4	4220
1	MW-2102	10/18/2023	0.065	< 0.0010	< 0.00024	0.0035	<u>0.21<sup>J</sup></u>	<b>4</b>	<b>0.5</b>	<b>0.42</b>	592 <sup>-J</sup>	333	40.1	<b>880</b>	4.4 <sup>-J</sup>	67.9	< 0.39	6.5	5850

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE
			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	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	N	N	N			
1	MW-2103	12/14/2020		0.066	< 0.0010	< 0.00062 <sup>L</sup>	0.0025	<b>0.69</b>	<b>0.7</b>	<u>0.16</u>	<u>0.16</u>	366 <sup>-J</sup>	15.5 <sup>J</sup>	<u>134</u>	<u>163</u>	< 1.2	5.3	4.5 <sup>J</sup>	44	120			
1	MW-2103	4/23/2021		0.071	< 0.0010	< 0.00024	0.0011 <sup>J</sup>	<b>1.1</b>	<b>1.1</b>	<u>0.16</u>	<u>0.16</u>	344	23.7 <sup>J</sup>	<u>171</u>	<u>141</u>	< 1.2	6.0	11.4	52.5	464			
1	MW-2103	2/23/2022		0.038	< 0.0010	< 0.00024	0.012	<b>46.7</b>	<b>36.6</b>	<b>1.1</b>	<b>0.54</b>	830	984	<u>164</u>	<b>754</b>	< 1.2	348	2.8 <sup>J</sup>	13	40.4			
1	MW-2103	3/22/2022		0.31	< 0.0010	< 0.00024	0.0014	<b>32.8</b>	<b>29.6</b>	<b>0.47</b>	<b>0.43</b>	947	867	<u>201</u>	<u>216</u>	< 1.2	323	2.4 <sup>J</sup>	21.3	72.8			
1	MW-2103	4/27/2022		0.27	< 0.0010	< 0.00024	0.00052 <sup>J</sup>	<b>13.5</b>	<b>11.4</b>	<b>0.92</b>	<b>0.98</b>	1300	861	<u>185</u>	<b>320</b>	4.4	263	3.0 <sup>J</sup>	28.5	70.2			
1	MW-2103	7/26/2022		0.28	< 0.0010	< 0.00024	0.00081 <sup>J</sup>	<b>15.1<sup>J</sup></b>	<b>8.1<sup>J</sup></b>	<b>0.76<sup>J</sup></b>	<b>0.60<sup>J</sup></b>	971 <sup>-J</sup>	450	<u>146</u>	17.1 <sup>-J</sup>	1.6 <sup>-J</sup>	142 <sup>-J</sup>	1.6 <sup>-J</sup>	952	118			
1	MW-2103	10/27/2022		0.16	< 0.0010	< 0.00024	0.00055 <sup>J</sup>	<b>7.5</b>	<b>8.3</b>	<b>0.47</b>	<b>0.46</b>	373 <sup>-J</sup>	15.7 <sup>J</sup>	<u>132<sup>-J</sup></u>	<u>130</u>	< 1.2	6.4	5.1 <sup>J</sup>	911	1160			
1	MW-2103	1/25/2023		0.099	< 0.0010	< 0.00024	0.0027	<b>6.0</b>	<b>8.5</b>	<b>0.45</b>	<b>0.47</b>	468	81.4	<u>204</u>	<b>1100</b>	< 1.2	13.9	6.4	553	2230			
1	MW-2103	4/26/2023		0.048	< 0.0010	< 0.00024	0.0033	<b>11.6</b>	<b>12.2</b>	<b>0.59</b>	<b>0.58</b>	631	60.2	<u>158</u>	<b>1170</b>	< 1.2	19.1	11.7	284	8870			
1	MW-2103	7/26/2023		0.081	< 0.0010	< 0.00024	0.0014	<b>3.4</b>	<b>4.8</b>	<u>0.26</u>	<u>0.27</u>	431	43.2 <sup>J</sup>	<u>166</u>	<u>218</u>	< 1.2	13.8	11.7	498	2950			
1	MW-2103	10/19/2023		0.064	< 0.0010	< 0.00024	0.0052	<b>5.5</b>	<b>8.2</b>	<u>0.28</u>	<u>0.29</u>	379	106	86.9	<b>1830</b>	< 1.2	28.5	0.42 <sup>J</sup>	7.9	110			
1	MW-2103 DUP	12/14/2020		0.064	< 0.0010	< 0.00037 <sup>L</sup>	0.0025	<b>0.67</b>	<b>0.66</b>	<u>0.15</u>	<u>0.15</u>	364 <sup>-J</sup>	25.0 <sup>J</sup>	<u>130</u>	<u>173</u>	< 1.2	5	5.0 <sup>J</sup>	51.7	129			
1	MW-2103 DUP	4/8/2021		0.07	< 0.0010	< 0.00024	0.0051 <sup>J</sup>	<b>1.1</b>	<b>1.3</b>	<u>0.16</u>	<u>0.18</u>	344	23.7 <sup>J</sup>	<u>168</u>	<u>145</u>	< 1.2	6	11.2	51	423			
1	MW-2103 DUP	2/23/2022		0.04	< 0.0010	< 0.00024	0.0017	<b>36.2</b>	<b>36.7</b>	<b>0.53</b>	<b>0.55</b>	847	1010	<u>174</u>	<b>712</b>	< 1.2	402	4.6 <sup>J</sup>	19.5	34.5			
1	MW-2103 DUP	3/22/2022		0.3	< 0.0010	< 0.00024	0.00073 <sup>J</sup>	<b>26.9</b>	<b>27.3</b>	<b>0.41</b>	<b>0.41</b>	946	856	<u>202</u>	<u>227</u>	< 1.2	290	1.3 <sup>J</sup>	10.8	34.1			
1	MW-2103 DUP	4/27/2022		0.24	< 0.0010	< 0.00024	0.00043 <sup>J</sup>	<b>14.5<sup>J</sup></b>	<b>9.5<sup>J</sup></b>	<b>0.85</b>	<b>0.99</b>	1270	707	<u>187</u>	<b>333</b>	4.6	231	3.7 <sup>-J</sup>	36	88.7			
1	MW-2103 DUP	7/26/2022		0.22	< 0.0010	< 0.00024	0.00070 <sup>J</sup>	<b>7.4<sup>J</sup></b>	<b>7.9</b>	<b>0.61</b>	<b>0.6</b>	981 <sup>-J</sup>	509	<u>146</u>	18.8 <sup>-J</sup>	2.2 <sup>-J</sup>	134 <sup>-J</sup>	1.7 <sup>-J</sup>	928	125			
1	MW-2103 DUP	10/27/2022		0.16	< 0.0010	< 0.00024	0.00054 <sup>J</sup>	<b>7.5</b>	<b>8.8</b>	<b>0.47</b>	<b>0.48</b>	320 <sup>-J</sup>	22 <sup>-J</sup>	<u>133<sup>-J</sup></u>	123	< 1.2	6.4	5.7	1140	1330			
1	MW-2103 DUP	1/25/2023		0.1	< 0.0010	< 0.00024	0.0025	<b>6.1</b>	<b>8.6</b>	<b>0.46</b>	<b>0.47</b>	454	75	<u>205</u>	<b>1060</b>	< 1.2	14.4	6.9	540	2170			
1	MW-2103 DUP	4/26/2023		0.046	< 0.0010	< 0.00024	0.0036	<b>10.9</b>	<b>12.3</b>	<b>0.58</b>	<b>0.59</b>	612	60.2	<u>160</u>	<b>1190</b>	< 1.2	18.9	12.1	295	7830			
1	MW-2103 DUP	7/26/2023		0.085	< 0.0010	< 0.00024	0.0014	<b>3.4</b>	<b>5.2</b>	<u>0.27</u>	<u>0.27</u>	429	45.4 <sup>J</sup>	<u>165</u>	<u>216</u>	< 1.2	14.1	14.3	338	2420			
1	MW-2103 DUP	10/19/2023		0.064	< 0.0010	< 0.00024	0.0053	<b>5.6</b>	<b>7.8</b>	<u>0.28</u>	<u>0.28</u>	384	128	75.8	<b>1690</b>	< 1.2	29.7	0.56 <sup>J</sup>	9.2	132			
1	PZ-2103	12/14/2020		0.12	< 0.0010	< 0.00024	0.002	0.10 <sup>J</sup>	0.075 <sup>J</sup>	<u>0.079</u>	<u>0.075</u>	296	32.7 <sup>J</sup>	<u>224</u>	<u>208</u>	< 1.2	3.7	1.3 <sup>J</sup>	6.8	21.2			
1	PZ-2103	4/9/2021		0.081	< 0.0010	< 0.00024	0.0022	< 0.058	0.065 <sup>J</sup>	<u>0.064</u>	<u>0.063</u>	337	50.7	<b>275</b>	<b>412</b>	< 1.2	3.8	< 1.2	2.4 <sup>J</sup>	11.8			
1	PZ-2103	2/24/2022		0.024	0.0030 <sup>J</sup>	< 0.0047	0.0017	<b>263</b>	<b>304</b>	<b>0.64</b>	<b>1.2</b>	2290	7090	<u>245</u>	<b>5220</b>	< 1.2	2260	218	2190	45.8			
1	PZ-2103	4/7/2022		0.023	< 0.020	< 0.0047	< 0.0057	<b>80.3</b>	<b>85.2</b>	<b>0.54</b>	<b>0.55</b>	3510	4280	<b>472</b>	<b>5930</b>	1.2	1150	386	2460	81			
1	PZ-2103	5/5/2022		0.023 <sup>J</sup>	< 0.010	< 0.0024	0.0099 <sup>J</sup>	<b>75.8</b>	<b>82.9</b>	<b>0.72</b>	<b>0.79</b>	3570	3920	<b>476</b>	<b>9980</b>	1.8 <sup>-J</sup>	1110	254	2450	53.9			
1	PZ-2103	7/26/2022		0.045 <sup>J</sup>	< 0.020	< 0.0047	0.0071 <sup>J</sup>	<b>19.2<sup>J</sup></b>	<b>18.4</b>	<b>0.88</b>	<b>0.88</b>	3410 <sup>-J</sup>	2590	<b>500</b>	<b>11500<sup>-J</sup></b>	40.0 <sup>-J</sup>	733 <sup>-J</sup>	281	1430 <sup>J</sup>	66.3			
1	PZ-2103	10/27/2022		0.027 <sup>J</sup>	< 0.020	< 0.0047	0.011 <sup>J</sup>	<b>54.3</b>	<b>70.0</b>	<b>1.5</b>	<b>1.9</b>	5410 <sup>-J</sup>	5060	<b>777<sup>-J</sup></b>	<b>19500</b>	2.2 <sup>-J</sup>	1020	98.3	1860	29.4			
1	PZ-2103	1/25/2023		0.022 <sup>J</sup>	< 0.010	< 0.0024	0.0096 <sup>J</sup>	<b>70.5</b>	<b>90.6</b>	<b>1.8</b>	<b>2.1</b>	5090	9100	<b>833<sup>-J</sup></b>	<b>14500</b>	< 1.2	2130	291	2680 <sup>J</sup>	65.9			
1	PZ-2103	4/26/2023		0.021 <sup>J</sup>	< 0.010	< 0.0024	0.0084 <sup>J</sup>	<b>82.5<sup>J</sup></b>	<b>66.4<sup>J</sup></b>	<b>1.6</b>	<b>1.9</b>	4720	6210	<b>906<sup>-J</sup></b>	<b>13100</b>	< 12.0	1930	339 <sup>J</sup>	11300 <sup>J</sup>	55.0 <sup>J</sup>			
1	PZ-2103	7/26/2023		0.019	< 0.020	< 0.0047	0.0085	<b>109.0</b>	<b>98</b>	<b>1.4</b>	<b>1.3<sup>J</sup></b>	4130	7560	<b>833</b>	<b>8080</b>	1.4 <sup>-J</sup>	1490	468	5130	78.8			
1	PZ-2103	10/19/2023		< 0.070	< 0.10	< 0.024	< 0.028	<b>91.0</b>	<b>111</b>	<b>1.0</b>	<b>1.1</b>	3700	3940	<b>803</b>	<b>9650</b>	1.6 <sup>-J</sup>	1350	499 <sup>-J</sup>	5600 <sup>-J</sup>	58.5 <sup>-J</sup>			

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-2103 DUP	12/14/2020	0.11	< 0.0010	< 0.00024	0.0021	< 0.058	< 0.058	<u>0.069</u>	<u>0.065</u>	297	35.0 <sup>J</sup>	<u>232</u>	<u>216</u>	< 1.2	3.7	< 1.2	4.5 <sup>J</sup>	17.4
1	PZ-2103 DUP	4/9/2021	0.078	< 0.0010	< 0.00024	0.0028	< 0.058	0.065 <sup>J</sup>	<u>0.061</u>	<u>0.062</u>	335	41.7 <sup>J</sup>	<u>273</u>	<u>394</u>	< 1.2	3.8	< 1.2	2.6 <sup>J</sup>	14.3
1	PZ-2103 DUP	2/24/2022	0.024	0.0030 <sup>J</sup>	< 0.0047	0.001	<b>263</b>	<b>293</b>	<b>0.66</b>	<b>1.4</b>	2410	7580	<b>276</b>	<b>5540</b>	< 1.2	2050	232	2550	50.3
1	PZ-2103 DUP	4/7/2022	0.025	< 0.020	< 0.0047	< 0.0057	<b>88.8</b>	<b>77</b>	<b>0.59</b>	<b>0.57</b>	3380	3690	<b>458</b>	<b>6040</b>	2.4	1210	359	2540	70.4
1	PZ-2103 DUP	5/5/2022	0.019 <sup>J</sup>	< 0.020	< 0.0047	0.010 <sup>J</sup>	<b>72.7</b>	<b>84.5</b>	<b>0.76</b>	<b>0.8</b>	3600	4060	<b>523</b>	<b>9750</b>	2.2 <sup>J</sup>	1090	321	2500	67.7
1	PZ-2103 DUP	7/26/2022	0.026 <sup>J</sup>	< 0.020	< 0.0047	< 0.0057	<b>7.7<sup>J</sup></b>	<b>23.9</b>	<b>0.89</b>	<b>0.87</b>	3660 <sup>J</sup>	2590	<b>528</b>	<b>12700<sup>JA</sup></b>	24.0 <sup>J</sup>	780 <sup>J</sup>	291	2480 <sup>J</sup>	69.7
1	PZ-2103 DUP	10/27/2022	0.024 <sup>J</sup>	< 0.020	< 0.0047	0.0092 <sup>J</sup>	<b>49.7</b>	<b>67.6</b>	<b>1.4</b>	<b>1.8</b>	5350 <sup>JA</sup>	4650	<b>730<sup>J</sup></b>	<b>18200</b>	< 1.2	1020	106	2070	32.1
1	PZ-2103 DUP	1/25/2023	0.026	< 0.010	< 0.0024	0.0078 <sup>J</sup>	<b>76.8</b>	<b>73.1</b>	<b>1.9</b>	<b>2.0</b>	4670	8680	<b>802<sup>J</sup></b>	<b>14300</b>	2.0 <sup>J</sup>	2070	322	3910 <sup>J</sup>	73.1
1	PZ-2103 DUP	4/26/2023	0.022 <sup>J</sup>	< 0.010	< 0.0024	0.0079 <sup>J</sup>	<b>85.8<sup>J</sup></b>	<b>68.3<sup>J</sup></b>	<b>1.6</b>	<b>1.8</b>	4750	5740	<b>901<sup>J</sup></b>	<b>13000</b>	12.0 <sup>J</sup>	1910	170 <sup>J</sup>	6890 <sup>J</sup>	25.6 <sup>J</sup>
1	PZ-2103 DUP	7/26/2023	0.021	< 0.020	< 0.0047	0.0068	<b>115</b>	<b>127</b>	<b>1.4</b>	<b>1.9<sup>J</sup></b>	4060	8110	<b>838</b>	<b>10100</b>	1.4 <sup>J</sup>	1530	467	5280	79.4
1	PZ-2103 DUP	10/19/2023	< 0.070	< 0.10	< 0.024	< 0.028	<b>85.8</b>	<b>96.2</b>	<b>1.1</b>	<b>1</b>	3680	4240	<b>958<sup>J</sup></b>	<b>9820</b>	< 1.2	1400	479 <sup>J</sup>	9170 <sup>J</sup>	56.3 <sup>J</sup>
1	MW-2104	12/14/2020	0.079	< 0.0010	< 0.00024	0.0023	<b>3.5</b>	<b>5.1</b>	<b>0.31</b>	<b>0.32</b>	418	48.4 <sup>J</sup>	<b>438</b>	<b>302</b>	< 1.2	10.6	< 1.2	< 1.2	215
1	MW-2104	4/8/2021	0.06	< 0.0010	< 0.00024	0.0019	<b>3.4</b>	<b>3.4</b>	<u>0.26</u>	<u>0.27</u>	395	43.9 <sup>J</sup>	<b>354</b>	<b>321</b>	< 1.2 <sup>UU</sup>	10	< 1.2	< 1.2	116
1	MW-2104	2/23/2022	0.041	< 0.0010	< 0.00024	0.0017	<b>2.6</b>	<b>3.3</b>	<u>0.15</u>	<u>0.19</u>	399	58.9	<u>151</u>	<b>272</b>	< 1.2	10.6	< 0.39	< 0.25	138
1	MW-2104	3/21/2022	0.039	< 0.0010	< 0.00024	0.0024	<b>2.3</b>	<b>3.7</b>	<u>0.2</u>	<u>0.21</u>	386	41.3 <sup>J</sup>	<u>138</u>	<b>277</b>	< 1.2	10.4	< 0.39	< 0.25	209
1	MW-2105	12/14/2020	0.13	< 0.0010	< 0.00024	0.0024	<b>2.0</b>	<b>2.5</b>	<u>0.28</u>	<u>0.26</u>	493	91.1	<b>251</b>	107	< 1.2	25.9	7.9	< 1.2	1110
1	MW-2105	4/8/2021	0.097	< 0.0010	< 0.00024	0.0025	<b>2.1</b>	<b>2.3</b>	<u>0.15</u>	<u>0.16</u>	495	68.6	<u>195</u>	<u>137</u>	< 1.2	18.9	10.4	2.7 <sup>J</sup>	1310
1	MW-2105	2/23/2022	0.1	< 0.0010	< 0.00024	0.0012	<b>5.3</b>	<b>4.3</b>	<u>0.2</u>	<u>0.16</u>	445	50.1	<b>361</b>	<b>228</b>	< 1.2	16.6	4.2 <sup>J</sup>	2.1 <sup>J</sup>	349
1	MW-2105	3/23/2022	0.048	< 0.0010	< 0.00024	0.0036	<b>4.0</b>	<b>3.8</b>	<u>0.15</u>	<u>0.14</u>	439	87.4	81.6	<b>677</b>	< 1.2	24.9	43.1	< 0.25	1420
1	PZ-2105	12/14/2020	0.11	< 0.0010	< 0.00024	0.0016	< 0.058	< 0.058	0.01	0.013	188	17.0 <sup>J</sup>	<u>164</u>	<u>219</u>	< 1.2	4.1	< 1.2	< 1.2	1.8 <sup>J</sup>
1	PZ-2105	4/8/2021	0.11	< 0.0010	< 0.00024	0.00098 <sup>J</sup>	< 0.058	< 0.058	0.0040 <sup>J</sup>	0.009	160	< 14.7	114	<u>228<sup>JA</sup></u>	< 1.2	3.1	< 1.2	< 1.2	< 0.66
1	PZ-2105	2/22/2022	0.097	< 0.0010	< 0.00024	0.00087 <sup>J</sup>	< 0.058	0.068 <sup>J</sup>	0.0014 <sup>J</sup>	0.037	160	< 14.7	85.3	<u>222</u>	< 1.2	2.5	< 0.39	1.3 <sup>J</sup>	< 0.58
1	PZ-2105	3/22/2022	0.1	< 0.0010	< 0.00024	0.0012	< 0.058	< 0.058	0.0019 <sup>J</sup>	0.017	172	< 14.7	93.2	<b>252</b>	< 1.2	2.8	< 0.39	< 0.25	< 0.58
1	MW-2106	12/14/2020	0.2	< 0.0010	< 0.00024	0.0034	<b>2.1</b>	<b>2.3</b>	<u>0.29</u>	<u>0.29</u>	612	219	40.3	<u>187</u>	< 1.2	59.7	7.9	179	1010
1	MW-2106	4/8/2021	0.2	< 0.0010	0.00071 <sup>J</sup>	0.0027	<b>2.6</b>	<b>3.2</b>	<u>0.25</u>	<u>0.25</u>	570	235	45.4	<b>269</b>	< 1.2	61.8	12.4	260	1520
1	MW-2106	2/21/2022	0.23	< 0.0010	< 0.00024	0.0021	<b>6.8</b>	<b>8.3</b>	<u>0.24</u>	<u>0.25</u>	656	235	68.6	4.3 <sup>J</sup>	< 1.2	65.9	12.7	399	1930
1	MW-2106	3/21/2022	0.38	< 0.0010	< 0.00024	0.0022	<b>10.2</b>	<b>10.3</b>	<b>0.34</b>	<u>0.29</u>	934	386	87.8	< 2.2	< 1.2	132	12.6	440	2080
1	MW-2106	4/27/2022	0.24	< 0.0010	< 0.00024	0.002	<b>2.2</b>	<b>3.0</b>	<u>0.25</u>	<u>0.27</u>	687	230	87.3	80	1.6 <sup>J</sup>	77.9	7.7	424	2590
1	MW-2106	7/26/2022	0.32	< 0.0010	< 0.00024	0.0025	<b>1.8</b>	<b>2.4</b>	<u>0.29</u>	<u>0.25</u>	623 <sup>JA</sup>	219	75.6	<u>147<sup>JA</sup></u>	< 1.2	44.2 <sup>JA</sup>	5.7	359	1690
1	MW-2106	10/27/2022	0.29	< 0.0010	< 0.00024	0.0018	<b>1.7</b>	<b>2.0</b>	<u>0.27</u>	<u>0.26</u>	653 <sup>JA</sup>	122	69.6	<b>293<sup>JA</sup></b>	< 1.2	36.1	7.2	559	1620
1	MW-2106	1/23/2023	0.03	< 0.0010	< 0.00024	0.0011	<b>4.9</b>	<b>5.1</b>	<u>0.25</u>	<u>0.24</u>	308	32.6 <sup>J</sup>	23.4	<b>1570</b>	< 1.2	9.6	1.9 <sup>J</sup>	14.3	1100
1	MW-2106	4/24/2023	0.028	< 0.0010	< 0.00024	0.001	<b>4.6</b>	<b>5.2</b>	<b>0.31</b>	<b>0.33</b>	489	94.1	41.4	<b>894<sup>J</sup></b>	< 1.2	27.5	1.7 <sup>J</sup>	29.5	979
1	MW-2106	7/25/2023	0.18	< 0.0010	< 0.00024	0.001	<b>1.4</b>	<b>1.6</b>	<u>0.2</u>	<u>0.2</u>	547	117	55.5	<b>265</b>	< 1.2	30.9	8.6	331	2710
1	MW-2106	10/16/2023	0.14	< 0.0010	0.00042 <sup>J</sup>	0.003	<b>6.4</b>	<b>6.3</b>	<u>0.25</u>	<u>0.26</u>	231	40.9 <sup>J</sup>	37.8 <sup>J</sup>	<b>1470</b>	< 1.2	8.1	0.45 <sup>J</sup>	2.3 <sup>J</sup>	447

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2107	12/9/2020	0.24	< 0.0010	< 0.00024	0.0024	1.1	1.0	0.18	0.17	292	52.9	40.3	161	< 1.2	16.3	8.2	17.8	493
1	MW-2107	4/7/2021	0.25	< 0.0010	< 0.00024	0.0024	1.7	2.1	0.18	0.19	324	43.9 <sup>J</sup>	64.7	149	< 1.2	13.6	10.6	54.9	1490
1	MW-2107	2/21/2022	0.18	< 0.0010	< 0.00024	0.0016	137	140	0.2	0.2	647	1250	49.4	< 2.2	< 1.2	414	163	333	3640
1	MW-2107	3/21/2022	0.15	< 0.0010	< 0.00024	0.0021	86.6	87.6	0.18	0.15	616	995	49.2	5.1 <sup>J</sup>	< 1.2	375	152	286	4590
1	MW-2107	4/26/2022	0.019	0.0031 <sup>J</sup>	< 0.00024	0.0017	46.7	49.7	0.41	0.46	355 <sup>-J</sup>	282	28.5	1170	< 1.2	89.9	18.0	8.4	3030
1	MW-2107	7/25/2022	0.051	< 0.0010	< 0.00024	0.0013	66.6	70.8	0.13	0.12	590 <sup>-J</sup>	995	44.3 <sup>++</sup>	5.0 <sup>J</sup>	< 1.2	363	15.1	14.3	3510
1	MW-2107	10/27/2022	0.077	< 0.0010	< 0.00024	0.0007 <sup>J</sup>	76	71.6	0.1	0.1	646 <sup>-J</sup>	855	43.7	< 4.4	< 1.2	335	37.1	42.3	6740
1	MW-2107	1/24/2023	0.068	< 0.0010	< 0.00024	0.0014	63.7	52.0	0.2	0.17	185	132	23.3	2200	< 1.2	33.3	16.7	5.6	5510
1	MW-2107	4/26/2023	0.013	0.0013 <sup>J</sup>	< 0.00024	0.00095 <sup>J</sup>	32.3	38.7	0.06	0.086	828	160	40.1 <sup>J</sup>	366	< 12.0	43.0	15.5	3.2 <sup>J</sup>	21300
1	MW-2107	7/25/2023	0.016	< 0.0010	< 0.00024	0.0011	35.8	33.5	0.065	0.088	693	134	40.8	< 4.4	< 1.2	25.8	16.6	< 0.25	4980
1	MW-2107	10/17/2023	0.091	< 0.0010	0.00030 <sup>J</sup>	0.002	28.3	31.9	0.1	0.1	621	130	43.8	< 4.4	< 1.2 <sup>UU</sup>	22.4	21.7	< 0.25	7840
1	PZ-2107	12/9/2020	0.1	< 0.0010	< 0.00024	0.0069	< 0.058	< 0.058	0.086	0.085	356	41.7 <sup>J</sup>	431	532	< 1.2	11.9	4.2 <sup>J</sup>	42.8	72.5
1	PZ-2107	4/8/2021	0.051	< 0.0010	< 0.00024	0.0068	< 0.058	< 0.058	0.039	0.04	314	32.7 <sup>J</sup>	428	544	< 1.2	9.5	< 1.2	6.8	17.6
1	PZ-2107	2/22/2022	0.041	< 0.0010	< 0.00024	0.0015	1.1	0.063 <sup>J</sup>	0.093	0.0037 <sup>J</sup>	121	< 14.7	48.3	45.4	< 1.2	1.8	< 0.39	< 0.25	< 0.58
1	PZ-2107	3/22/2022	0.049	< 0.0010	< 0.00024	0.0042	0.43	1.7	0.18	0.19	285	22.7 <sup>J</sup>	358	318	< 1.2	5.1	3.2 <sup>J</sup>	26.2	72.2
1	PZ-2107	4/26/2022	0.047	< 0.0010	< 0.00024	0.0046	0.14 <sup>J</sup>	1.4	0.032	0.067	325 <sup>-J</sup>	20.3 <sup>J</sup>	372	336	< 1.2 <sup>UU</sup>	5.7	0.55 <sup>J</sup>	3.7 <sup>J</sup>	15.3
1	PZ-2107	7/25/2022	0.052	< 0.0010	< 0.00024	0.0046	2.2	2.6	0.14	0.16	302 <sup>-J</sup>	52.3	406 <sup>++</sup>	293	< 1.2	5.8	2.4 <sup>J</sup>	20.1	108
1	PZ-2107	10/27/2022	0.054	< 0.0010	< 0.00024	0.0046	1.9	2.0	0.12	0.12	342 <sup>-J</sup>	< 15.5	416	269	< 1.2	6.3	4.3 <sup>J</sup>	34.4	164
1	PZ-2107	1/24/2023	0.05	< 0.0010	< 0.00024	0.005	0.49	0.43	0.079 <sup>J</sup>	0.048 <sup>J</sup>	323	41.1 <sup>J</sup>	406	260	< 1.2	6.4	0.53 <sup>J</sup>	3.0 <sup>J</sup>	15.1
1	PZ-2107	4/26/2023	0.045	< 0.0010	< 0.00024	0.0049	< 0.058	0.26	0.01	0.027	353	15.7 <sup>J</sup>	397	236	< 1.2	5.5	< 0.39	1.0 <sup>J</sup>	3.9
1	PZ-2107	7/25/2023	0.051	< 0.0010	< 0.00024	0.0051	0.42	0.55	0.32	0.31	348	32.6 <sup>J</sup>	417	235	< 1.2	5.5	1.1 <sup>J</sup>	7.0	47.4 <sup>++</sup>
1	PZ-2107	10/17/2023	0.05	< 0.0010	< 0.00024	0.0048	1.9	1.6	0.14	0.26	336	34.5 <sup>J</sup>	391	212	< 1.2 <sup>UU</sup>	5.5	3.3 <sup>J</sup>	24.9	144
1	MW-2108	12/9/2020	0.053	< 0.0010	< 0.00024	0.0015	0.45	0.41	0.17	0.18	159	28.2 <sup>J</sup>	20	144	1.6 <sup>J</sup>	8.8	3.2 <sup>J</sup>	< 1.2	114
1	MW-2108	4/7/2021	0.051	< 0.0010	< 0.00024	0.0033	0.41	0.62	0.15	0.16	168	57.4	37.1	105	< 1.2	15.3	1.4 <sup>J</sup>	< 1.2	110
1	MW-2108	2/21/2022	0.086	< 0.0010	< 0.00024	0.0055	0.79	0.95	0.22	0.21	254	59.7	63.9	95.8	< 1.2	17.3	0.95 <sup>J</sup>	< 0.25	91
1	MW-2108	3/21/2022	0.082	< 0.0010	< 0.00024	0.0062	0.72	0.91	0.2	0.2	268	80.8	69.2	79	1.2 <sup>J</sup>	18.7	1.4 <sup>J</sup>	< 0.25	169
1	MW-2109	12/9/2020	0.13	< 0.0010	< 0.00024	0.0014	0.43	0.34	0.26	0.24	520	26.0 <sup>J</sup>	377	118	< 1.2	4.4	< 1.2	1.4 <sup>J</sup>	161
1	MW-2109	4/7/2021	0.21	< 0.0010	< 0.00024	0.00062 <sup>J</sup>	1.7	2.2	0.2	0.21	552	23.7 <sup>J</sup>	515	151	< 1.2	4.4	< 1.2	1.4 <sup>J</sup>	140
1	MW-2109	2/21/2022	0.082	< 0.0010	< 0.00024	0.00096 <sup>J</sup>	2.0	11.6	0.24	0.31	415	25.0 <sup>J</sup>	372	111	< 1.2	4.6	0.50 <sup>J</sup>	3.9 <sup>J</sup>	59.4
1	MW-2109	3/21/2022	0.077	< 0.0010	< 0.00024	0.0012	0.96	2.4	0.18	0.22	426	19.3 <sup>J</sup>	386	111	< 1.2	4.1	0.71 <sup>J</sup>	6.3	86.7
1	PZ-2109	12/9/2020	0.27	< 0.010	< 0.00024	< 0.0028	6.0	5.4	0.29	0.27	429	84.3	2020	95.6	< 1.2	3.2	2.0 <sup>J</sup>	< 1.2	241
1	PZ-2109	4/7/2021	0.23	< 0.0010	< 0.0012	0.00049 <sup>J</sup>	4.9	4.8	0.24	0.23	415	100	2160	186	< 1.2	3.3	< 1.2	< 1.2	144
1	PZ-2109	2/21/2022	0.22	< 0.0010	< 0.00024	0.00034 <sup>J</sup>	5.8	7.0	0.23	0.25	414	65.5	2190	164	< 1.2	1.7	1.1 <sup>J</sup>	0.82 <sup>J</sup>	116
1	PZ-2109	3/21/2022	0.24	0.0025 <sup>J</sup>	< 0.00024	0.00066 <sup>J</sup>	4.9	6.0	0.24	0.25	427	85.2	2230	153	< 1.2	1.7	1.2 <sup>J</sup>	1.1 <sup>J</sup>	147

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2110	12/15/2020	0.074	< 0.0010	< 0.00024	0.0022	1.2	1.2	0.29	0.29	359	19.3 <sup>J</sup>	189	260	< 1.2	2.9	< 1.2	< 1.2	10.4
1	MW-2110	4/7/2021	0.045	< 0.0010	< 0.00024	0.002	0.59	1.6	0.35	0.39	381	17.0 <sup>J</sup>	174	598	< 1.2	2.9	< 1.2	< 1.2	1.9 <sup>J</sup>
1	MW-2110	2/21/2022	0.079	< 0.0010	< 0.00024	0.00056 <sup>J</sup>	1.3	2.4	0.35	0.48	322	< 14.7	136	351	< 1.2	2.8	< 0.39	< 0.25	2.2 <sup>J</sup>
1	MW-2110	3/21/2022	0.087	< 0.0010	< 0.00024	0.00090 <sup>J</sup>	1.3	2.5	0.34	0.37	343	14.9 <sup>J</sup>	109	342	< 1.2	3.2	< 0.39	< 0.25	1.5 <sup>J</sup>
1	MW-2110	4/27/2022	0.03	< 0.0010	< 0.00024	0.0045	0.29	0.45	0.25	0.29	402	< 15.5	119	603	< 1.2	3.0	< 0.39	< 0.25	< 0.58
1	MW-2110	7/25/2022	0.075	< 0.0010	< 0.00024	0.0019	0.85	1.1	0.37	0.39	371 <sup>-J</sup>	< 15.5	169 <sup>-J</sup>	374	< 1.2	2.8	< 0.39	< 0.25	< 0.58
1	MW-2110	10/27/2022	0.051	< 0.0010	< 0.00024	0.0004 <sup>J</sup>	0.44	0.56	0.23	0.19	323 <sup>++</sup>	< 15.5	194 <sup>-J</sup>	194	< 1.2	3.0	< 0.39	< 0.25	< 1.6 <sup>U</sup>
1	MW-2110	1/24/2023	0.042	< 0.0010	< 0.00024	0.001	0.36	0.87	0.22	0.23	318	43.2 <sup>J</sup>	158	358	< 1.2	3.0	< 0.39	< 0.25	< 0.58
1	MW-2110	4/26/2023	0.022	< 0.0010	< 0.00024	0.0019	0.44	2.1	0.21	0.4	353	< 14.7	111	423	< 1.2	3.0	< 0.39	< 0.25	2.8
1	MW-2110	7/24/2023	0.045	< 0.0010	< 0.00024	0.00069 <sup>J</sup>	0.34	1.6	0.18	0.34	333	21.0 <sup>J</sup>	133	262	< 1.2 <sup>UU</sup>	2.8	< 0.39	< 0.25	1.4 <sup>J</sup>
1	MW-2110	10/18/2023	0.058	< 0.0010	< 0.00024	0.00060 <sup>J</sup>	0.47	0.5	0.18	0.18	3590 <sup>-J</sup>	25.9 <sup>J</sup>	140	347	< 1.2 <sup>UU</sup>	2.8	< 0.39	< 0.25	4.0
1	PZ-2110	12/8/2020	0.094	< 0.0010	< 0.00024	0.0031	< 0.058	< 0.23 <sup>U</sup>	0.12	0.099	346	30.5 <sup>J</sup>	512	315	< 1.2 <sup>UU</sup>	3.5	< 1.2	< 1.2	3.4 <sup>++</sup>
1	PZ-2110	4/7/2021	0.061	< 0.0010	< 0.00024	0.002	0.21 <sup>J</sup>	0.19 <sup>J</sup>	0.18	0.2	341	19.3 <sup>J</sup>	580	301	< 1.2 <sup>UU</sup>	2.9	< 1.2	< 1.2	4.7
1	PZ-2110	2/21/2022	0.06	< 0.0010	< 0.00024	0.0012	1.1	1.6	0.24	0.25	330	17.1 <sup>J</sup>	636	282	< 1.2	2.6	< 0.39	< 0.25	3.0
1	PZ-2110	3/21/2022	0.062	< 0.0010	< 0.00024	0.0011	1.7	1.7	0.25	0.25	361	15.7 <sup>J</sup>	654	365	< 1.2	2.6	< 0.39	< 0.25	1.9 <sup>J</sup>
1	PZ-2110	4/27/2022	0.067	< 0.0010	< 0.00024	0.0021	0.93	1.2	0.15	0.14	364	< 15.5	654	371	< 1.2	2.6	< 0.39	< 0.25	< 0.58
1	PZ-2110	7/25/2022	0.06	< 0.0010	< 0.00024	0.0031	1.1	1.4	0.18	0.19	323 <sup>-J</sup>	< 15.5	645 <sup>++</sup>	351	< 1.2	2.5	< 0.39	< 0.25	2.2 <sup>J</sup>
1	PZ-2110	10/27/2022	0.06	< 0.0010	< 0.00024	0.0013	2.7	2.8	0.2	0.2	357 <sup>++</sup>	21 <sup>J</sup>	630 <sup>-J</sup>	399	< 1.2 <sup>UU</sup>	2.3	< 0.39	< 0.25	5.6
1	PZ-2110	1/24/2023	0.057	< 0.0010	< 0.00024	0.0012	0.52	1.1	0.065	0.068	300	30.5 <sup>J</sup>	613	343	< 1.2	2.4	< 0.39	< 0.25	< 0.58
1	PZ-2110	4/26/2023	0.054	< 0.0010	< 0.00024	0.0017	0.91	1.1	0.12	0.13	309	< 14.7	576	343	< 1.2 <sup>UU</sup>	2.3	< 0.39	< 0.25	2.8 <sup>J</sup>
1	PZ-2110	7/24/2023	0.05	< 0.0010	< 0.00024	0.0013	0.93	0.78	0.11	0.092	300	25.4 <sup>J</sup>	614	380	< 1.2	2.3	< 0.39	0.35 <sup>J</sup>	1.4 <sup>J</sup>
1	PZ-2110	10/18/2023	0.053	< 0.0010	< 0.00024	0.0015	2.1 <sup>J</sup>	1.5 <sup>J</sup>	0.16	0.15	324 <sup>-J</sup>	< 14.7	529	390	< 1.2	2.6	< 0.39	< 0.25	8.1
1	MW-2111	12/11/2020	0.033	< 0.0010	< 0.00024	0.0034	0.34	0.34	0.44	0.42	363	17.0 <sup>J</sup>	38.9	313	< 1.2	4.6	< 1.2	< 1.2	5.1
1	MW-2111	4/8/2021	0.029	< 0.0010	< 0.00024	0.0046	0.16 <sup>J</sup>	0.17 <sup>J</sup>	0.37	0.36	357	28.2 <sup>J</sup>	54.6	673	< 1.2	5.3	< 1.2	< 1.2	8.1
1	MW-2111	2/24/2022	0.055	< 0.0051	< 0.0012	< 0.0014	746	828	0.7	0.7	2760	10600	79.2	93.9	< 1.2	3130	52.2	83.3	200
1	MW-2111	3/23/2022	0.085	< 0.0051	< 0.0012	< 0.0014	353	328	0.47	0.45	1360	4240	81.2	10.3	< 1.2	1250	121	194	210
1	MW-2111	4/26/2022	0.071	< 0.010	< 0.00024	< 0.0028	129	117	1.8	2.0	1260 <sup>-J</sup>	2700	40.1 <sup>++</sup>	1420 <sup>++</sup>	< 1.2	851	53.7	58.5	219
1	MW-2111	7/26/2022	0.026	< 0.0020	< 0.00047	< 0.00057	379	459	0.55	0.62	1980 <sup>-J</sup>	3860	72.3	< 4.4	< 12.0	1160 <sup>-J</sup>	157	255	247
1	MW-2111	10/27/2022	0.077	< 0.0020	< 0.00047	< 0.00057	430	474	0.64	0.66	1750 <sup>-J</sup>	3750	102	< 4.4	3.6 <sup>J</sup>	1310	198	301	461
1	MW-2111	1/25/2023	0.07	< 0.0051	< 0.0012	< 0.0014	406	423	0.56	0.6	1360	1870	150 <sup>-J</sup>	20.3 <sup>++</sup>	2.8 <sup>J</sup>	979	526	523	981
1	MW-2111	4/26/2023	0.042	< 0.0010	< 0.00024	0.062	28	40.4	0.26 <sup>-J</sup>	0.18 <sup>-J</sup>	433	351	30.0 <sup>J</sup>	1580	< 12.0 <sup>UU</sup>	104	16.3	11.5	8670
1	MW-2111	7/27/2023	NA	NA	NA	NA	NA	8970 <sup>-J</sup>	NA	6.4 <sup>-J</sup>	NA	687 <sup>-J</sup>	NA	NA	NA	245 <sup>-J</sup>	92.4 <sup>-J</sup>	131 <sup>-J</sup>	5120 <sup>-J</sup>
1	MW-2111	10/18/2023	0.06	< 0.0010	< 0.00024	0.014	140	117	0.32 <sup>J</sup>	0.24 <sup>-J</sup>	1490 <sup>-J</sup>	3250	70.7	9.1 <sup>J</sup>	< 1.2 <sup>UU</sup>	1050	137	180	4470



**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-2111	12/11/2020	0.09	0.0014 <sup>J</sup>	< 0.00024	0.0026	<b>0.66</b>	<b>0.53</b>	<i>0.095</i>	<i>0.088</i>	271	14.8 <sup>J</sup>	71.5	<b>343</b>	< 1.2	3.5	< 1.2	< 1.2	22.1
1	PZ-2111	4/8/2021	0.094	< 0.0010	< 0.00024	0.0015	< 0.058	0.11 <sup>J</sup>	0.025	0.044	273	< 14.7	84.1	<b>307</b>	< 1.2	2.9	< 1.2	< 1.2	2.7 <sup>J</sup>
1	PZ-2111	2/23/2022	<u>1.3</u>	< 0.0051	< 0.0012	< 0.0014	<b>812</b>	<b>787</b>	<b>1.2</b>	<b>0.95</b>	5490	7860	82.6	9.8 <sup>J</sup>	1.6 <sup>J</sup>	5180	26.7	52.1	218
1	PZ-2111	3/23/2022	<b>2.0</b>	< 0.010	< 0.0024	< 0.0028	<b>763</b>	<b>762</b>	<b>1.7</b>	<b>1.6</b>	6390	16800	76.3	< 4.4	1.2 <sup>J</sup>	5390	55.6	132	388
1	PZ-2111	4/26/2022	<b>2.1</b>	< 0.010	< 0.0024	< 0.0028	<b>528</b>	<b>589</b>	<b>1.7</b>	<b>1.7</b>	5730 <sup>J</sup>	13300	92.7 <sup>J+</sup>	< 4.4	< 1.2	5210	112 <sup>J-</sup>	224 <sup>J-</sup>	2420 <sup>J-</sup>
1	PZ-2111	7/26/2022	<b>2.1</b>	< 0.0020	< 0.00047	< 0.00057	<b>296</b>	<b>311</b>	<b>1.3</b>	<b>1.3</b>	3790 <sup>J-</sup>	16500	83.2	< 4.4	< 12.0	2830 <sup>J-</sup>	37.1	46.9	4190
1	PZ-2111	10/27/2022	<b>2.2</b>	< 0.0020	< 0.00047	< 0.00057	<b>236</b>	<b>217</b>	<b>1.1</b>	<b>1.1</b>	4540 <sup>J-</sup>	8070	87	< 8.9	< 1.2	3040	70 <sup>J-</sup>	107 <sup>J-</sup>	7390 <sup>J-</sup>
1	PZ-2111	1/25/2023	<b>2.5</b>	< 0.0010	< 0.00024	< 0.00028	<b>143</b>	<b>149</b>	<b>0.94</b>	<b>0.92</b>	3850	1750	81.3	< 4.4	< 1.2	2870	41	61.2	8240
1	PZ-2111	4/26/2023	<b>2.0</b>	< 0.0010	< 0.00024	< 0.00028	<b>126</b>	<b>119</b>	<b>0.82</b>	<b>0.77</b>	3690	NA	91.4	< 4.4	< 23.9 <sup>UU</sup>	2820	39.3	19.6	7550
1	PZ-2111	7/27/2023	<u>1.8</u>	< 0.0020	0.00072	< 0.0057	<b>172</b>	<b>163</b>	<b>0.74</b>	<b>0.69</b>	3110	6550	100	< 4.4	< 1.2	2220	36.8	54.1	8780
1	PZ-2111	10/18/2023	<u>1.4</u>	< 0.0020	< 0.00047	< 0.00057	<b>175</b>	<b>185</b>	<b>0.32</b>	<b>0.42</b>	2440 <sup>J-</sup>	5190	99.3 <sup>J+</sup>	< 4.4	< 1.2	1700	19.6 <sup>J-</sup>	41.2 <sup>J-</sup>	6140 <sup>J-</sup>
1	MW-2112	12/15/2020	0.06	< 0.0010	< 0.00024	0.0015	<b>3.3</b>	<b>3.3</b>	<b>0.38</b>	<b>0.4</b>	341	39.5 <sup>J</sup>	79.3	<b>284</b>	< 1.2	8	< 1.2	30.2 <sup>J+</sup>	48.5 <sup>J+</sup>
1	MW-2112	4/8/2021	0.054	< 0.0010	< 0.00024	0.0013	<b>2.8</b>	<b>5.2</b>	<b>0.36</b>	<b>0.39</b>	376	26.0 <sup>J</sup>	80.3	<b>253</b>	< 1.2	3.8	< 1.2	11.7	22
1	MW-2112	2/22/2022	0.075	< 0.0010	< 0.00024	0.0021	<b>2.4</b>	<b>3.2</b>	<b>0.36</b>	<b>0.34</b>	301	65.5	53.4	<b>392</b>	2.4 <sup>J</sup>	22.2	0.63 <sup>J</sup>	10.2	103
1	MW-2112	3/21/2022	0.057	< 0.0010	< 0.00024	0.0026	<b>2.8</b>	<b>2.9</b>	<b>0.31</b>	<b>0.32</b>	324	94	56.2	<b>385</b>	1.6 <sup>J</sup>	15.7	0.64 <sup>J</sup>	10.2	65
1	MW-2112	4/26/2022	0.091	< 0.0010	< 0.00024	0.0024	<b>1.3</b>	<b>2.2</b>	<b>0.46</b>	<b>0.52</b>	476 <sup>J-</sup>	285	51.8	<u>179</u>	5.4	106	1.6 <sup>J</sup>	8.1	170
1	MW-2112	7/25/2022	0.088	< 0.0010	< 0.00024	0.0022	<b>3.5</b>	<b>4.4</b>	<b>0.31</b>	<b>0.31</b>	298 <sup>J-</sup>	54.5	70.4 <sup>J+</sup>	<b>392</b>	2.2 <sup>J</sup>	16	2.4 <sup>J</sup>	41.8	793
1	MW-2112	10/27/2022	0.067	< 0.0010	< 0.00024	0.0022	<b>2.7</b>	<b>4.4</b>	<u>0.28</u>	<u>0.28</u>	336 <sup>J+</sup>	45.4 <sup>J</sup>	70.9	<b>330<sup>J-</sup></b>	< 1.2	17.4	1.9 <sup>J</sup>	38.6	939
1	MW-2112	1/24/2023	0.07	< 0.0010	< 0.00024	0.0019	<b>3.0</b>	<b>3.5</b>	<u>0.29</u>	<b>0.31</b>	321	49.6 <sup>J</sup>	70.6	<b>377</b>	1.6 <sup>J</sup>	11.4	2.1 <sup>J</sup>	49.1	1030
1	MW-2112	4/25/2023	0.092	< 0.0010	< 0.00024	0.0019	<b>1.6</b>	<b>11.2</b>	<b>0.51</b>	<b>0.56</b>	434	87.7	74	<b>331</b>	7.2 <sup>J-</sup>	20.2	3.2 <sup>J</sup>	70.2	2500
1	MW-2112	7/26/2023	0.082	< 0.0010	< 0.00024	0.0016	<b>1.7</b>	<b>2.9</b>	<b>0.33</b>	<b>0.33</b>	413	62.3	82.1	<b>352</b>	< 1.2	15	1.4 <sup>J</sup>	40.6	945
1	MW-2112	10/18/2023	0.14	< 0.0010	< 0.00024	0.0015	<b>1.8</b>	<b>2.2</b>	<b>0.74</b>	<b>0.78</b>	316	88.7	32.6	<u>223<sup>J+</sup></u>	< 1.2	16.2	< 0.39	5.2	3970
1	MW-2112 DUF	12/15/2020	0.06	< 0.0010	< 0.00024	0.0023	<b>3.3</b>	<b>3.5</b>	<b>0.38</b>	<b>0.38</b>	351	35.0 <sup>J</sup>	78.1	<b>270</b>	< 1.2	7.2	< 1.2	9.8 <sup>J+</sup>	16.2 <sup>J+</sup>
1	PZ-2112	12/15/2020	0.087	< 0.0010	< 0.00024	0.0045	< 0.058	< 0.058	0.023	0.026	422	35.0 <sup>J</sup>	<u>231</u>	<b>840</b>	< 1.2	6.6	< 1.2	< 1.2	1.5 <sup>J</sup>
1	PZ-2112	4/8/2021	0.044	< 0.0010	0.00080 <sup>J</sup>	0.0044	< 0.058	0.10 <sup>J</sup>	0.053	<u>0.1</u>	384	28.2 <sup>J</sup>	<u>213</u>	<b>867</b>	< 1.2	5.4	< 1.2	< 1.2	1.9 <sup>J</sup>
1	PZ-2112	2/22/2022	0.069	< 0.0010	< 0.00024	0.001	<b>0.41</b>	<b>0.51</b>	<u>0.12</u>	0.036	199	< 14.7	43.3	44.9	< 1.2	3.5	< 0.39	0.34 <sup>J</sup>	16.3
1	PZ-2112	3/21/2022	0.21	< 0.0010	< 0.00024	0.0011	<b>0.54</b>	<b>1.1</b>	<u>0.18</u>	<u>0.18</u>	537	18.0 <sup>J</sup>	<u>159</u>	50.1	1.2 <sup>J</sup>	7.8	< 0.39	0.27 <sup>J</sup>	166
1	PZ-2112	4/26/2022	0.30	< 0.0010	< 0.00024	0.00039 <sup>J</sup>	<b>0.72</b>	<b>1.4</b>	<u>0.14</u>	<u>0.14</u>	617 <sup>J-</sup>	23.7 <sup>J</sup>	<u>172</u>	18.9 <sup>J</sup>	1.2 <sup>J-</sup>	3.4	< 0.39	< 0.25	929
1	PZ-2112	7/25/2022	0.28	< 0.0010	< 0.00024	0.00031 <sup>J</sup>	<b>1.1</b>	<b>1.2</b>	<u>0.12</u>	<u>0.12</u>	542 <sup>J-</sup>	18.0 <sup>J</sup>	<u>189<sup>J+</sup></u>	38.0 <sup>J</sup>	1.8 <sup>J</sup>	3.7	< 0.39	< 0.25	1750
1	PZ-2112	10/27/2022	0.27	< 0.0010	< 0.00024	< 0.00028	<b>0.55</b>	<b>0.76</b>	<u>0.07</u>	<u>0.063</u>	498 <sup>J-</sup>	< 15.5	<u>218</u>	61.4	3.0 <sup>J</sup>	3.0	< 0.39	0.35 <sup>J</sup>	1380
1	PZ-2112	1/24/2023	0.28	< 0.0010	< 0.00024	< 0.00028	<b>1.4</b>	<b>1.8</b>	<u>0.072</u>	<u>0.074</u>	524	19.9 <sup>J</sup>	<u>211</u>	64.7	< 1.2	3.2	< 0.39	1.3 <sup>J</sup>	2560
1	PZ-2112	4/25/2023	0.24	< 0.0010	< 0.00024	0.00041 <sup>J</sup>	<b>1.4</b>	<b>3.8</b>	0.047	0.051	566	< 14.7	<u>194</u>	63.3 <sup>J</sup>	< 1.2 <sup>UU</sup>	3.1	< 0.39	< 0.25	3500
1	PZ-2112	7/26/2023	0.22	< 0.0010	< 0.00024	0.00034 <sup>J</sup>	<b>2.0</b>	<b>4.8</b>	0.044	0.045	543	32.6 <sup>J</sup>	<u>196</u>	58.8	< 1.2	3.1	< 0.39	< 0.25	4320
1	PZ-2112	10/18/2023	0.23	< 0.0010	< 0.00024	0.0026	<b>1.2</b>	<b>1.3</b>	0.026	0.023	535	< 14.7	<u>203</u>	47.1	< 1.2	3.3	< 0.39	< 0.25	906
1	PZ-2112 DUP	12/15/2020	0.086	< 0.0010	< 0.00024	0.0046	< 0.058	< 0.058	0.02	0.025	422	35.0 <sup>J</sup>	<u>226</u>	<b>816</b>	< 1.2	6.6	< 1.2	< 1.2	0.70 <sup>J</sup>

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2113	12/14/2020	0.069	< 0.0010	< 0.00024	0.0034	<b>4.9</b>	<b>4.9</b>	<u>0.18</u>	<u>0.2</u>	380	59.7	32.6	<b>308</b>	< 1.2	16.7	3.7 <sup>J</sup>	26.1	570
1	MW-2113	4/8/2021	0.088	< 0.0010	< 0.00024	0.0037	<b>4.4</b>	<b>4.3</b>	<u>0.19</u>	<u>0.19</u>	442	50.7	30.5	<b>245</b>	< 1.2	11.7	3.8 <sup>J</sup>	19.5	1350
1	MW-2113	2/23/2022	0.26	< 0.0010	< 0.00024	0.0065	<b>3.5</b>	<b>3.9</b>	<u>0.18</u>	<u>0.23</u>	551	54.5	86.6	<b>220</b>	< 1.2	16.7	2.1 <sup>J</sup>	55.8	1310
1	MW-2113	3/22/2022	<u>0.56</u>	< 0.0010	< 0.00024	0.0065	<b>6.0</b>	<b>5.1</b>	<b>0.47</b>	<b>0.45</b>	1340	1180	79.2	55	4.4	525	3.5 <sup>J</sup>	121	3500
1	MW-2113	4/26/2022	0.16	< 0.0010	< 0.00024	0.015	<b>0.82</b>	<b>1.8</b>	<b>0.36</b>	<b>0.35</b>	532 <sup>-J</sup>	175	72	<b>421</b>	3.4 <sup>J</sup>	54.8	5.8	118	3320
1	MW-2113	7/26/2022	0.21	< 0.0010	< 0.00024	0.0087	<b>1.4</b>	<b>1.7</b>	<u>0.18</u>	<u>0.2</u>	532 <sup>-J</sup>	94	52.2	<b>214<sup>-J</sup></b>	2.2 <sup>J</sup>	20.1 <sup>-J</sup>	3.7 <sup>-J</sup>	234	4140
1	MW-2113	10/27/2022	0.20	< 0.0010	< 0.00024	0.0096	<b>4.0</b>	<b>3.5</b>	<u>0.22</u>	<u>0.18</u>	535 <sup>-J</sup>	64.4	123 <sup>-J</sup>	<b>307</b>	< 1.2	21.9	2.8 <sup>-J</sup>	112	3470
1	MW-2113	1/25/2023	0.097	< 0.0010	0.00025 <sup>J</sup>	0.018	<b>2.2</b>	<b>2.7</b>	<u>0.079</u>	<u>0.075</u>	553	194	100	<b>749</b>	< 1.2	45.4	1.9 <sup>-J</sup>	154	1080
1	MW-2113	4/26/2023	0.11	< 0.0010	< 0.00024	0.0092	<b>3.2</b>	<b>3.0</b>	<u>0.19</u>	<u>0.18</u>	534	96.2	51.9	<b>540</b>	1.2 <sup>-J</sup>	40.4	1.2 <sup>-J</sup>	9.3	2240
1	MW-2113	7/26/2023	0.19	0.0016 <sup>J</sup>	<u>0.0023</u>	0.006	<b>6.8</b>	<b>6.2</b>	<u>0.16<sup>-J</sup></u>	<u>0.13<sup>-J</sup></u>	527	72.9	44.9	<b>322</b>	< 1.2	18.3	3.8 <sup>-J</sup>	87.8	2220
1	MW-2113	10/17/2023	0.088	< 0.0010	0.00031 <sup>J</sup>	0.014	<b>1.8</b>	<b>1.6</b>	<u>0.062<sup>-J</sup></u>	0.035 <sup>-J</sup>	532	258	54.8	<b>1310</b>	< 1.2 <sup>UU</sup>	69.5	< 0.39	1.4 <sup>-J</sup>	120
1	PZ-2113	12/14/2020	0.12	< 0.0010	< 0.00024	0.0049	< 0.058	< 0.058	<u>0.16</u>	<u>0.15</u>	320	23.7 <sup>J</sup>	<b>262</b>	<b>322</b>	< 1.2	4.5	< 1.2	2.3 <sup>-J</sup>	84
1	PZ-2113	4/9/2021	0.1	< 0.0010	< 0.00024	0.0016	<b>0.78<sup>J</sup></b>	<b>0.46<sup>J</sup></b>	<u>0.12</u>	<u>0.12</u>	284	21.5 <sup>J</sup>	<b>304</b>	<b>309</b>	< 1.2	3.6	< 1.2	1.5 <sup>-J</sup>	40.1
1	PZ-2113	2/24/2022	<u>0.73</u>	< 0.0010	< 0.00024	< 0.00028	<b>210</b>	<b>118</b>	<b>0.71</b>	<b>0.32</b>	1430	2020	120	< 4.4	< 1.2	1280	210	631	2670
1	PZ-2113	3/23/2022	<u>0.93</u>	< 0.0051	< 0.0012	< 0.0014	<b>294</b>	<b>254</b>	<b>0.78</b>	<b>0.81</b>	2400	5400	<b>192</b>	< 4.4	< 1.2	1660	373	563	2920
1	PZ-2113	4/26/2022	<u>0.87</u>	< 0.0020	< 0.00047	< 0.00057	<b>173<sup>-J</sup></b>	<b>101<sup>-J</sup></b>	<b>0.73<sup>-J</sup></b>	<b>0.47<sup>-J</sup></b>	1400 <sup>-J</sup>	2860	<b>184</b>	9.8 <sup>-J</sup>	< 1.2 <sup>UU</sup>	906	266	771	2600
1	PZ-2113	7/26/2022	<u>1.1</u>	< 0.0020	< 0.00047	< 0.00057	<b>183</b>	<b>180</b>	<b>0.61</b>	<b>0.55</b>	1610 <sup>-J</sup>	4040	<b>318</b>	< 4.4	< 12.0	1080 <sup>-J</sup>	506	2030	5410
1	PZ-2113	10/27/2022	<u>1.3</u>	< 0.0020	< 0.00047	< 0.00057	<b>184<sup>-J</sup></b>	<b>142<sup>-J</sup></b>	<b>0.6</b>	<b>0.56</b>	1990 <sup>-J</sup>	1920	<b>331<sup>-J</sup></b>	< 4.4	< 1.2	1310	393	1680	4840
1	PZ-2113	1/25/2023	<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<b>94.0</b>	<b>86.6</b>	<b>0.39</b>	<b>0.37</b>	1600	1940	<b>351</b>	< 4.4	< 1.2	1090	309	1290	3900
1	PZ-2113	4/26/2023	<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<b>54.4</b>	<b>54.8</b>	<b>0.35</b>	<b>0.32</b>	1710	156	<b>326</b>	7.7 <sup>-J</sup>	< 1.2	1090	148	1250	5170
1	PZ-2113	8/28/2023	<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<b>56.7</b>	<b>67.8</b>	<u>0.26</u>	<u>0.27</u>	1350	2830	<b>378</b>	< 8.9	9.6 <sup>-J</sup>	900	113	2700	9030
1	PZ-2113	10/17/2023	<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<b>55.7</b>	<b>53.6</b>	<u>0.22</u>	<u>0.22</u>	2530	1950	<b>349</b>	< 22.2	< 1.2 <sup>UU</sup>	871	260	2490	7750
1	MW-2114	12/14/2020	0.12	< 0.0010	< 0.00024	0.0052	<b>1.1</b>	<b>1.4</b>	<u>0.16</u>	<u>0.16</u>	412	91.1	60.5	31.8	< 1.2	22.8	11.6	< 1.2	1090
1	MW-2114	4/7/2021	0.1	< 0.0010	< 0.00024	0.0061	<b>2.2</b>	<b>2.6</b>	<u>0.13</u>	<u>0.13</u>	465	131	52.4	19.8	< 1.2	26.6	12.0	2.3 <sup>-J</sup>	4400
1	MW-2114	2/21/2022	0.16	< 0.0010	< 0.00024	0.005	<b>3.2</b>	<b>4.2</b>	<u>0.14</u>	<u>0.15</u>	450	160	86.3	26.2	< 1.2	33.2	25.0	7.1	1830
1	MW-2114	3/21/2022	0.18	< 0.0010	< 0.00024	0.0044	<b>2.4</b>	<b>2.7</b>	<u>0.12</u>	<u>0.12</u>	468	136	121	60.6	< 1.2	33.8	22.4	7.7	1690
1	MW-2114	4/26/2022	0.26	< 0.0010	< 0.00024	0.0063	<b>2.4</b>	<b>3.5</b>	<u>0.23</u>	<u>0.22</u>	542 <sup>-J</sup>	175	<b>168</b>	<b>193</b>	< 1.2	43.6	22.2	68.6	3460
1	MW-2114	7/25/2022	0.19	< 0.0010	< 0.00024	0.0044	<b>0.82</b>	<b>1.1</b>	<u>0.16</u>	<u>0.15</u>	480 <sup>-J</sup>	131	110 <sup>-J</sup>	55.4	< 1.2	29.7	22.6	4.1 <sup>-J</sup>	1480
1	MW-2114	10/24/2022	0.19	< 0.0010	< 0.00024	0.0047	<b>1.2</b>	<b>1.3</b>	<u>0.16</u>	<u>0.14</u>	500	99.1	105	37.8	< 1.2	25.7	20.7	4.1 <sup>-J</sup>	3910
1	MW-2114	1/24/2023	0.17	< 0.0010	< 0.00024	0.0056	<b>2.7</b>	<b>2.7</b>	<u>0.18</u>	<u>0.16</u>	527	134	<b>125</b>	<b>290</b>	< 1.2	46.0	16.2	2.1 <sup>-J</sup>	5430
1	MW-2114	4/26/2023	0.11	< 0.0010	< 0.00024	0.014	<b>3.6</b>	<b>4.2</b>	<b>0.31</b>	<b>0.3</b>	609	192	92.1	<b>268</b>	< 1.2 <sup>UU</sup>	43.8	20.1	8.9	8670
1	MW-2114	7/24/2023	0.15	< 0.0010	0.00067 <sup>J</sup>	0.0073	<b>1.6<sup>-J</sup></b>	<b>0.95<sup>-J</sup></b>	<u>0.18</u>	<u>0.15</u>	577	120	105	95.5	< 1.2	31.4	11.3	< 0.25	6350
1	MW-2114	10/16/2023	0.17	< 0.0010	< 0.00024	0.013	<b>4.6</b>	<b>5.0</b>	<b>0.52</b>	<b>0.54</b>	583	246	95.8	<b>641</b>	< 1.2	65.3	12.2	0.90 <sup>-J</sup>	5310

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-2114	12/14/2020	0.14	< 0.0010	< 0.00024	0.0025	< 0.058	< 0.058	0.015 <sup>J</sup>	0.012 <sup>J</sup>	213	28.2 <sup>J</sup>	<u>137</u>	110	< 1.2	5.8	< 1.2	< 1.2	2.5 <sup>J</sup>
1	PZ-2114	4/7/2021	0.13	< 0.0010	< 0.00024	0.0032	< 0.058	< 0.058	0.0048	0.017	176	23.7 <sup>J</sup>	<u>130</u>	<u>151</u>	< 1.2	4.3	< 1.2	< 1.2	1.2 <sup>J</sup>
1	PZ-2114	2/21/2022	0.087	< 0.0010	< 0.00024	0.0024	< 0.058	<b>0.37</b>	0.0051	0.03	152	< 14.7	80.1	87.5	< 1.2	2.7	< 0.39	< 0.25	< 0.58
1	PZ-2114	3/21/2022	0.1	< 0.0010	0.00033 <sup>J</sup>	0.0029	< 0.058	0.084 <sup>J</sup>	0.0052	0.012	179	< 15.5	91.2	109	< 1.2	3.0	< 0.39	< 0.25	29.7
1	PZ-2114	4/26/2022	0.14	< 0.0010	< 0.00024	0.0029	< 0.058	0.099 <sup>J</sup>	< 0.0012	0.013	217 <sup>J</sup>	< 14.7	115	<u>167</u>	< 1.2 <sup>UU</sup>	3.4	< 0.39	< 0.25	< 0.58
1	PZ-2114	7/25/2022	0.14	< 0.0010	< 0.00024	0.0027	< 0.058	0.060 <sup>J</sup>	0.015	0.015	199 <sup>J</sup>	39.1 <sup>J</sup>	117 <sup>J</sup>	<u>177</u>	< 1.2	3.6	< 0.39	< 0.25	58.5
1	PZ-2114	10/24/2022	0.16	0.0014 <sup>J</sup>	< 0.00024	0.0038	0.066 <sup>J</sup>	<b>0.3</b>	<u>0.064</u>	<u>0.12</u>	217	< 15.5	<u>129</u>	<u>194</u>	< 1.2	3.7	< 0.39	< 0.25	19.3
1	PZ-2114	1/24/2023	0.16	< 0.0010	< 0.00024	0.0035	< 0.058	< 0.058	0.0013 <sup>J</sup>	0.0076	216	24.2 <sup>J</sup>	<u>125</u>	<u>182</u>	< 1.2	3.7	< 0.39	< 0.25	< 0.58
1	PZ-2114	4/26/2023	0.16	< 0.0010	< 0.00024	0.0039	< 0.058	< 0.058	< 0.0012	0.007	242	< 14.7	<u>132</u>	<u>201</u>	< 1.2 <sup>UU</sup>	3.6	< 0.39	< 0.25	< 0.58
1	PZ-2114	7/24/2023	0.17	< 0.0010	< 0.00024	0.0039	< 0.058	< 0.058	0.011	0.018	234	19.9 <sup>J</sup>	<u>126</u>	<u>187</u>	< 1.2	3.6	< 0.39	< 0.25	2.8 <sup>J</sup>
1	PZ-2114	10/16/2023	0.17	< 0.0010	< 0.00024	0.0047	< 0.058	< 0.058	<u>0.15</u>	<u>0.17</u>	261	< 14.7	<u>136</u>	<u>196</u>	< 1.2	4.2	< 0.39	< 0.25	27.2
1	MW-61	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	NA	NA	NA
1	MW-61	6/15/2017	NA	NA	NA	NA	<b>2.99</b>	<b>3.01</b>	NA	NA	397	NA	<b>431</b>	5.7 <sup>J</sup>	NA	1.9 <sup>J</sup>	30.9	244	2720
1	MW-61	9/13/2017	NA	NA	NA	NA	<b>1.8</b>	<b>1.59</b>	NA	NA	428	NA	<b>350</b>	25.8	< 1.2	2.5	23.6	195	1870
1	MW-61	3/21/2018	NA	NA	NA	NA	<b>2.25</b>	<b>2.22</b>	NA	NA	389	NA	<b>551</b>	29.4 <sup>J</sup>	NA	0.94	70.0	74.1	1390
1	MW-61	12/11/2020	0.25	< 0.0010	< 0.00024	0.00055 <sup>J</sup>	<b>2.0</b>	<b>1.8</b>	<u>0.14</u>	<u>0.13</u>	435	17.0 <sup>J</sup>	<u>236</u>	27.4	< 1.2	4.9	21.6	42.9	703
1	MW-61	4/8/2021	0.20	< 0.0010	< 0.00024	0.00040 <sup>J</sup>	<b>2.1</b>	<b>2.8</b>	<u>0.13</u>	<u>0.14</u>	373	39.5 <sup>J</sup>	<u>231</u>	67.3	< 1.2	4.9	9.7	37.8	605
1	MW-61	2/23/2022	0.036	< 0.0010	< 0.00024	0.0012	0.098 <sup>J</sup>	<b>2.2</b>	0.047	<u>0.074</u>	115	41.3 <sup>J</sup>	10.3 <sup>J</sup>	27.0	< 1.2	8.5	19.6	3.7 <sup>J</sup>	5780
1	MW-61	3/22/2022	0.21	< 0.0010	< 0.00024	0.0013	<b>0.65</b>	<b>0.96</b>	<u>0.2</u>	<u>0.23</u>	359	17.1 <sup>J</sup>	<b>346</b>	81.8	< 1.2	3.8	114	130	4480
1	MW-61	4/27/2022	0.11	< 0.0010	< 0.00024	0.0023	<b>1.5</b>	<b>1.7</b>	<u>0.17<sup>J</sup></u>	<u>0.13<sup>J</sup></u>	299	21.5 <sup>J</sup>	<u>240<sup>J</sup></u>	65.1	< 1.2	7.8	5.8	8.6 <sup>J</sup>	1240 <sup>J</sup>
1	MW-61	7/25/2022	0.13	< 0.0010	< 0.00024	0.0013	<b>2.4</b>	<b>2.4</b>	<u>0.24</u>	<u>0.23</u>	393 <sup>J</sup>	54.5	<b>405<sup>J</sup></b>	91.7	< 1.2	5	49.9	268	1390 <sup>J</sup>
1	MW-61	10/27/2022	0.11	< 0.0010	< 0.00024	0.001	<b>1.8</b>	<b>1.6</b>	<u>0.2</u>	<u>0.19</u>	377 <sup>J</sup>	41.1 <sup>J</sup>	<u>209</u>	<u>151<sup>J</sup></u>	< 1.2	9.7	31.6	163	1270
1	MW-61	1/24/2023	0.081	< 0.0010	< 0.00024	0.00084 <sup>J</sup>	<b>3.7</b>	<b>3.7</b>	<u>0.22</u>	<u>0.2</u>	266	51.7	<u>74.3</u>	<u>199</u>	< 1.2	12.8	7.9	82.8	1040
1	MW-61	4/26/2023	0.074	< 0.0010	< 0.00024	0.0015	<b>3.8</b>	<b>4.5</b>	<u>0.14</u>	<u>0.15</u>	377	36.6 <sup>J</sup>	<b>272</b>	77.5	< 1.2 <sup>UU</sup>	7.4	12.9	80.8	2300
1	MW-61	7/26/2023	0.091	< 0.0010	< 0.00024	0.0013	<b>3.3</b>	<b>4.7</b>	<u>0.17</u>	<u>0.19</u>	282	58.1	<u>170</u>	<b>417</b>	< 1.2	11.5	38.3	688	1960
1	MW-61	10/19/2023	0.14	< 0.0010	< 0.00024	0.0016	<b>3.6</b>	<b>3.7</b>	<u>0.28</u>	<b>0.30</b>	203	32.4 <sup>J</sup>	89.4	<b>466</b>	< 1.2	13.2	29.5	369	1750
1	MW-61 DUP	6/15/2017	NA	NA	NA	NA	<b>2.93</b>	<b>3.1</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1	MW-61 DUP	3/21/2018	NA	NA	NA	NA	<b>2.3</b>	<b>2.24</b>	NA	NA	418	NA	<b>599</b>	32.5 <sup>J</sup>	NA	0.98	82.3	87.2	1240
1	MW-61 DUP	4/27/2022	0.11	< 0.0010	< 0.00024	0.0024	<b>1.6</b>	<b>1.8</b>	<u>0.19</u>	<u>0.17</u>	329	19.3 <sup>J</sup>	<b>335<sup>J</sup></b>	81.3	< 1.2	8.9	10	19.2 <sup>J</sup>	3250 <sup>J</sup>
1	MW-61 DUP	7/25/2022	0.13	< 0.0010	< 0.00024	0.0012	<b>2.3</b>	<b>2.4</b>	<u>0.23</u>	<u>0.23</u>	412 <sup>J</sup>	34.7 <sup>J</sup>	<b>402<sup>J</sup></b>	94.8	< 1.2	5.1	54.1	288	1890 <sup>J</sup>
1	MW-61 DUP	10/27/2022	0.13	< 0.0010	< 0.00024	0.0011	<b>1.6</b>	<b>1.6</b>	<u>0.21</u>	<u>0.19</u>	373 <sup>J</sup>	39 <sup>J</sup>	<u>194</u>	<u>150<sup>J</sup></u>	< 1.2	9.7	31.1	159	1310
1	MW-61 DUP	10/19/2023	0.13	< 0.0010	< 0.00024	0.001	<b>3.7</b>	<b>3.7</b>	<u>0.28</u>	<b>0.30</b>	204	40.9 <sup>J</sup>	92.7	<b>456</b>	< 1.2	12.4	35.8	457	1520

**Table 3B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 1**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-61	6/15/2017	NA	NA	NA	NA	<b>296</b>	<b>312</b>	NA	NA	1660	NA	<b>1750</b>	< 100	NA	4840	8.3	27.1	279
1	PZ-61	9/13/2017	NA	NA	NA	NA	<b>896</b>	<b>968</b>	NA	NA	1320	NA	<b>1020</b>	13.4 <sup>J</sup>	< 1.2	5680	34.8	54	403
1	PZ-61	3/21/2018	NA	NA	NA	NA	<b>756</b>	<b>570</b>	NA	NA	1460	NA	<b>360</b>	< 20	NA	2050	9.2	68.9	4460
1	PZ-61	12/11/2020	<b>1.2</b>	< 0.020	< 0.00024	0.019 <sup>J</sup>	<b>57.8</b>	<b>50.8</b>	<u>0.092</u>	<u>0.088</u>	1150 <sup>J</sup>	531	<b>1050</b>	< 4.4	< 1.2 <sup>UJ</sup>	169	11.4	6.5	5760
1	PZ-61	4/7/2021	0.25	< 0.0010	< 0.00024	0.0064	<b>25</b>	<b>30.9</b>	<u>0.12</u>	<u>0.15</u>	734	208	<b>391</b>	49.5	< 1.2	37.3	17.6	2.8 <sup>J</sup>	11700
1	PZ-61	2/21/2022	0.058	< 0.0010	< 0.00024	0.0013	<b>1.3</b>	<b>2.2</b>	0.058	<u>0.063</u>	159	17.1 <sup>J</sup>	25.4	38.8	< 1.2	6.8	19.7	14.3	4230
1	PZ-61	3/21/2022	<u>0.53</u>	< 0.0020	< 0.00047	0.0044	<b>323</b>	<b>311</b>	<b>0.31</b>	<b>0.33</b>	1200	1930	<b>480</b>	< 2.2	2.6 <sup>J</sup>	718	10.8	3.8 <sup>J</sup>	3310
1	PZ-61	4/27/2022	0.11	< 0.0020	< 0.00047	0.003	<b>130</b>	<b>135</b>	<u>0.15</u>	<u>0.2</u>	465	553	<b>284</b>	< 2.2	< 1.2	115	18.4	3.3 <sup>J</sup>	11500
1	PZ-61	7/25/2022	<u>0.46</u>	< 0.0010	< 0.00024	0.0076	<b>138</b>	<b>146</b>	<u>0.28</u>	<b>0.4</b>	720 <sup>J</sup>	380	<b>710<sup>J+</sup></b>	< 2.2	< 12.0	85.5	12.9	< 0.25	6550
1	PZ-61	10/27/2022	0.24	< 0.0010	< 0.00024	0.012	<b>95.8</b>	<b>93.3</b>	<u>0.15</u>	<u>0.17</u>	633 <sup>J+</sup>	30.5 <sup>J</sup>	<b>629</b>	7.3 <sup>J-</sup>	< 1.2	53.5	8.9	< 0.25	7180
1	PZ-61	1/24/2023	0.33	< 0.0051	< 0.0012	0.014	<b>116</b>	<b>115</b>	<u>0.17</u>	<u>0.18</u>	883	209	<b>938</b>	< 2.2	< 1.2	38.8	18.1	< 0.25	11000
1	PZ-61	4/26/2023	0.15	< 0.0010	< 0.00024	0.0051	<b>27.3</b>	<b>27.1</b>	<u>0.25</u>	<u>0.28</u>	442	87.9	<u>176</u>	34.6 <sup>J</sup>	2.8 <sup>J-</sup>	20.6	11.6	< 0.25	12300
1	PZ-61	7/26/2023	0.25	< 0.0010	< 0.00024	0.0075	<b>51.4</b>	<b>62.2</b>	<u>0.2</u>	<u>0.25</u>	724	120	<b>533</b>	< 4.4	< 1.2 <sup>UJ</sup>	22.3	12.7	< 0.25	7320
1	PZ-61	10/19/2023	0.33	< 0.0010	< 0.00024	0.01	<b>53.9</b>	<b>49.6</b>	<u>0.16</u>	<u>0.16</u>	788	86.5	<b>637</b>	19.2 <sup>J</sup>	< 1.2	19.7	10.8	< 0.25	6410
1	PZ-75	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.52 <sup>J</sup>	NA	NA	NA
1	PZ-75	6/14/2017	NA	NA	NA	NA	< 0.0155	<b>3.02</b>	NA	NA	399	NA	<b>539</b>	102	NA	1.1 <sup>J</sup>	15.5	2.4 <sup>J</sup>	436
1	PZ-75	9/14/2017	NA	NA	NA	NA	<b>4.09</b>	<b>3.89</b>	NA	NA	397	NA	<b>506</b>	118	< 1.2	10.3	12.1	23.3	542
1	PZ-75	3/22/2018	NA	NA	NA	NA	<b>0.4</b>	<b>0.614</b>	NA	NA	417	NA	<b>542</b>	103	NA	3.1	11.7	52.1	716
1	PZ-75	12/11/2020	0.049	< 0.0010	< 0.00024	0.0014	<b>1.90</b>	<b>1.90</b>	<b>0.41</b>	<b>0.41</b>	206	75.4	2.8 <sup>J</sup>	6.1 <sup>J</sup>	< 1.2 <sup>UJ</sup>	10.4	< 1.2	< 1.2	1240
1	PZ-75	4/8/2021	0.18	0.0011 <sup>J</sup>	0.00066 <sup>J</sup>	0.013	<b>26</b>	<b>57.4</b>	<b>6.3</b>	<b>10</b>	819	169	<b>265</b>	38.2 <sup>J+</sup>	< 1.2	26.6	14.9 <sup>J-</sup>	8.7 <sup>J-</sup>	2900 <sup>J-</sup>

Notes:

NA = Not Analyzed  
mg/L = milligrams per liter  
ug/L = micrograms per liter

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)  
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.  
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

<sup>UJ</sup> = Reported quantitation limit is approximate  
NE = Not Established  
NA = Not Analyzed  
Diss = Dissolved  
T = Total

**Table 4A**  
**Detected Volatile Organic Compounds**  
**Treatment Area 2**  
**Former Kenosha Engine Plant**

		Analyte	1,1,1-Tri chloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloroform	cis-1,2- Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2- Dichloro ethene	Trichloro ethene	Vinyl chloride
		ES PAL Units	200 40 ug/L	850 85 ug/L	7 0.7 ug/L	5 0.5 ug/L	6 0.6 ug/L	70 7 ug/L	5 0.5 ug/L	5 0.5 ug/L	800 160 ug/L	100 20 ug/L	5 0.5 ug/L	0.2 0.02 ug/L
Treatment Area	Sample Location	Sample Date												
2	MW-31	5/16/2018	< 5	< 2.4	< 4.1	< 5	< 25	<u>27.0</u>	< 2.3	< 5	< 5	15	<b>807</b>	< 1.8
2	MW-31	10/17/2018	< 0.98	< 1.1	<u>1.3</u> <sup>J</sup>	< 0.99	< 5.1	<u>17.9</u>	< 2.3	< 1.3	< 0.69	<u>9.6</u> <sup>J</sup>	<b>470</b>	< 0.7
2	MW-31	4/16/2019	< 0.24	<u>0.31</u> <sup>J</sup>	<u>5.4</u>	< 0.25	< 1.3	<b>99.1</b>	< 0.58	< 0.33	< 0.17	<u>70.6</u>	<b>117</b>	<b>0.37</b> <sup>J</sup>
2	MW-31	10/9/2019	1.1	< 0.27	< 0.24	< 0.25	< 1.3	1.1	< 0.58	< 0.33	< 0.17	< 1.1	<b>239</b>	< 0.17
2	MW-31	4/15/2020	<u>0.32</u> <sup>J</sup>	< 0.27	<u>2.2</u>	< 0.25	< 1.3	<u>42.2</u>	< 0.58	< 0.33	< 0.27	<u>26.4</u>	<b>133</b>	< 0.17
2	MW-31	11/4/2020	< 0.24	<u>0.39</u> <sup>J</sup>	<u>5.6</u>	< 0.25	< 1.3	<b>115</b>	< 0.58	< 0.33	< 0.27	<u>87.5</u>	<b>180</b>	< 0.17
2	MW-31	4/9/2021	< 0.61	< 0.59	<u>4.3</u>	< 0.59	< 2.4	<b>70.7</b>	< 0.64	< 0.82	< 0.58	<u>54.5</u>	<b>92.6</b>	< 0.35
2	MW-31	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	<u>1.7</u> <sup>J</sup>	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	<u>0.87</u> <sup>J</sup>	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	<u>0.70</u> <sup>J</sup>	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	<u>0.39</u> <sup>J</sup>	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.6</b>
2	MW-31	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	<u>0.65</u> <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.0</b>
2	MW-31	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.3</b>
2	MW-31	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	<u>0.92</u> <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>25.6</b>
2	MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 2.5	< 0.26	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
2	MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-113	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	7/27/2023	< 0.30 <sup>UJ</sup>	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 0.30 <sup>UJ</sup>	< 0.50 <sup>UJ</sup>	< 0.47 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.41 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.53 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.17 <sup>UJ</sup>
2	MW-113	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	<u>0.71</u> <sup>J</sup>	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	< 2.5	3.9	< 0.23	< 0.5	< 0.5	<u>0.57</u> <sup>J</sup>	<b>10.4</b>	<b>8.6</b>
2	MW-114	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.3	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>14.1</b>
2	MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	2.1	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>10.1</b>
2	MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	< 1.3	2.4	< 0.58	< 0.33	< 0.17	< 1.1	<b>6.9</b>	<b>10.9</b>
2	MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.6	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	<b>10.4</b>
2	MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.9	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	<b>12.0</b>
2	MW-114	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.5	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>13.1</b>
2	MW-114	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>18.7</b>
2	MW-114	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>22.2</b>
2	MW-114	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.6	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>32.0</b>
2	MW-114	4/25/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	6.7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>62.0</b>
2	MW-114	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>47.6</b>

**Table 4A**  
**Detected Volatile Organic Compounds**  
**Treatment Area 2**  
**Former Kenosha Engine Plant**

		Analyte	1,1,1-Tri chloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloroform	cis-1,2- Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2- Dichloro ethene	Trichloro ethene	Vinyl chloride
		ES PAL Units	200 40 ug/L	850 85 ug/L	7 0.7 ug/L	5 0.5 ug/L	6 0.6 ug/L	70 7 ug/L	5 0.5 ug/L	5 0.5 ug/L	800 160 ug/L	100 20 ug/L	5 0.5 ug/L	0.2 0.02 ug/L
Treatment Area	Sample Location	Sample Date												
2	MW-114	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.3</b>
2	MW-114	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.0</b>
2	MW-114	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.4</b>
2	MW-114	7/26/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	<b>0.73<sup>J</sup></b>	< 0.53	< 0.32	<b>1.6</b>
2	MW-114	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	<b>1.3</b>	< 0.53	< 0.32	< 0.17
2	MW-114 DUP	5/16/2018	<b>3.4</b>	<b>1.3</b>	< 0.41	< 0.5	< 2.5	<b>4.2</b>	< 0.23	< 0.5	< 0.5	<b>0.68<sup>J</sup></b>	<b>11.5</b>	<b>7.8</b>
2	MW-114 DUP	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>3.3</b>	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>14.1</b>
2	MW-114 DUP	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>1.7</b>	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>10.7</b>
2	MW-114 DUP	10/9/2019	<b>2.4</b>	<b>1.3</b>	< 0.24	< 0.25	< 1.3	<b>2.7</b>	< 0.58	<b>0.43<sup>J</sup></b>	< 0.17	< 1.1	<b>7.0</b>	<b>9.6</b>
2	MW-114 DUP	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>1.5</b>	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	<b>9.9</b>
2	MW-114 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>1.5</b>	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	<b>10</b>
2	MW-114 DUP	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>1.2</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>12.3</b>
2	PZ-118	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 2.5	<b>4.7</b>	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	<b>22.1</b>
2	PZ-118	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>5.2</b>	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>17.3</b>
2	PZ-118	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>2.6</b>	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>1.8</b>
2	PZ-118	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>3.9</b>	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	<b>3.7</b>
2	PZ-118	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>12.8</b>	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	<b>4.5</b>
2	PZ-118	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>13.8</b>	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	<b>8.8</b>
2	PZ-118	4/7/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>6.9</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.1</b>
2	PZ-118	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>6.0</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.9</b>
2	PZ-118	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>4.4</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.83<sup>J</sup></b>
2	PZ-118	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>2.3</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.9</b>
2	PZ-118	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>2.6</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.6</b>
2	PZ-118	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>2.9</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.4</b>
2	PZ-118	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>7.0</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.1</b>
2	PZ-118	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>2.8</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-118	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	<b>2.8</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.64<sup>J</sup></b>
2	PZ-118	7/26/2023	< 0.30 <sup>UU</sup>	< 0.30 <sup>UU</sup>	< 0.58 <sup>UU</sup>	< 0.30 <sup>UU</sup>	< 0.50 <sup>UU</sup>	<b>1.9<sup>J</sup></b>	< 0.32 <sup>UU</sup>	< 0.41 <sup>UU</sup>	< 0.29 <sup>UU</sup>	< 0.53 <sup>UU</sup>	< 0.32 <sup>UU</sup>	<b>0.83<sup>J</sup></b>
2	PZ-118	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	<b>2.4</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.99<sup>J</sup></b>
2	MW-2201	12/9/2020	< 0.24	<b>9.6</b>	<b>0.53<sup>J</sup></b>	< 0.25	< 1.3	<b>289</b>	< 0.58	< 0.33	< 0.27	<b>35.3</b>	<b>16.1</b>	<b>11.6</b>
2	MW-2201	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	<b>5.7</b>	< 0.17
2	MW-2201	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>5.8</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.6</b>
2	MW-2201	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>11.2</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.8</b>
2	MW-2201	2/28/2022	< 0.30	<b>0.46<sup>J</sup></b>	< 0.58	< 0.30	< 1.2	<b>26.3</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>12.7</b>
2	MW-2201	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	<b>17.6</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.9</b>
2	MW-2201	7/26/2022	< 0.30	<b>2.0</b>	< 0.58	< 0.30	< 1.2	<b>357</b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>316</b>
2	MW-2201	10/26/2022	< 1.5	< 1.5	< 2.9	< 1.5	< 5.9	<b>245</b>	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	<b>542</b>
2	MW-2201	1/24/2023	< 1.5	< 1.5	< 2.9	< 1.5	< 5.9	<b>189</b>	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	<b>229</b>
2	MW-2201	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	<b>8.8<sup>J</sup></b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.6<sup>J</sup></b>
2	MW-2201	7/25/2023	< 0.30	<b>1.2</b>	< 0.58	< 0.30	< 0.50	<b>127<sup>J</sup></b>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	<b>199</b>
2	MW-2201	10/17/2023	< 1.5	<b>1.8<sup>J</sup></b>	< 2.9	< 1.5	< 2.5	<b>199</b>	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	<b>292<sup>J</sup></b>

**Table 4A**  
**Detected Volatile Organic Compounds**  
**Treatment Area 2**  
**Former Kenosha Engine Plant**

		Analyte	1,1,1-Tri chloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloroform	cis-1,2- Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2- Dichloro ethene	Trichloro ethene	Vinyl chloride
		ES PAL Units	200 40 ug/L	850 85 ug/L	7 0.7 ug/L	5 0.5 ug/L	6 0.6 ug/L	70 7 ug/L	5 0.5 ug/L	5 0.5 ug/L	800 160 ug/L	100 20 ug/L	5 0.5 ug/L	0.2 0.02 ug/L
Treatment Area	Sample Location	Sample Date												
2	MW-2201 DUP	12/9/2020	< 0.49	8.6	< 0.49	< 0.49	< 2.5	276	< 1.2	< 0.65	< 0.54	32.6	13.1	10.5
2	MW-2201 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.60 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	5.6	< 0.17
2	MW-2201 DUP	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	6.3	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	2.1
2	MW-2201 DUP	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	11	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	4.2
2	MW-2201 DUP	2/28/2022	< 0.30	0.41 <sup>J</sup>	< 0.58	< 0.30	< 1.2	25.9	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	12.1
2	MW-2201 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	18.1	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	7.9
2	MW-2201 DUP	7/26/2022	< 0.61	1.9 <sup>J</sup>	< 1.2	< 0.59	< 2.4	337	< 0.64	< 0.82	< 0.58	1.6 <sup>J</sup>	< 0.64	279
2	MW-2201 DUP	10/26/2022	< 0.61	2.5	< 1.2	< 0.59	< 2.4	246	< 0.64	< 0.82	< 0.58	< 1.1	< 0.64	523
2	MW-2201 DUP	1/24/2023	< 0.61	1.3 <sup>J</sup>	< 1.2	< 0.59	< 2.4	185	< 0.64	< 0.82	< 0.58	< 1.1	< 0.64	215
2	MW-2201 DUP	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	12.4 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	13.6 <sup>J</sup>
2	MW-2201 DUP	7/25/2023	< 0.30	1.6	< 0.58	< 0.30	< 0.50	190 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	234
2	MW-2201 DUP	10/17/2023	< 0.30	2.7	< 0.58	< 0.30	< 0.50	262	< 0.32	< 0.41	< 0.29	0.56 <sup>J</sup>	< 0.32	410 <sup>J</sup>
2	MW-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	19.2	< 0.58	< 0.33	< 0.27	2.6	< 0.26	3.5
2	MW-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	9.4	< 0.32	< 0.41	< 0.29	2.2	< 0.32	2.8
2	MW-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	1.7	< 0.17
2	MW-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.3	< 0.32	< 0.41	< 0.29	< 0.53	1.5	< 0.17
2	MW-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.7	< 0.32	< 0.41	< 0.29	< 0.53	1.2	< 0.17
2	MW-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	1.4	< 0.17
2	MW-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	1.1	< 0.17
2	MW-2202	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.5 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	1	< 0.17
2	MW-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	1.1	< 0.17
2	MW-2202	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	0.96 <sup>J</sup>	< 0.17
2	MW-2202	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	0.51 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	0.38 <sup>J</sup>	< 0.17
2	MW-2202	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	1.4	< 0.17
2	PZ-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	19.2	< 0.58	< 0.33	< 0.27	3.9	< 0.26	< 0.17
2	PZ-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.8	< 0.32	< 0.41	< 0.29	0.58 <sup>J</sup>	0.36 <sup>J</sup>	3.6
2	PZ-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.2	< 0.32	< 0.41	< 0.29	0.63 <sup>J</sup>	< 0.32	2.0
2	PZ-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.93 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	0.67 <sup>J</sup>	< 0.17
2	PZ-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.73 <sup>J</sup>	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	10/26/2022	< 0.30	< 0.30	< 0.58	0.39 <sup>J</sup>	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-2203	4/9/2021	< 0.30	0.35 <sup>J</sup>	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

**Table 4A  
Detected Volatile Organic Compounds  
Treatment Area 2  
Former Kenosha Engine Plant**

Analyte			1,1,1-Tri chloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloroform	cis-1,2- Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2- Dichloro ethene	Trichloro ethene	Vinyl chloride
	ES	200	850	85	7	5	6	70	5	5	800	100	5	0.2
	PAL	40	85	85	0.7	0.5	0.6	7	0.5	0.5	160	20	0.5	0.02
	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
Treatment Area	Sample Location	Sample Date												
2	MW-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	PZ-2203	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

Notes:

ug/L = micrograms per liter

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

NA = Not Analyzed

<sup>UJ</sup> = Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.



**Table 4B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 2**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane		
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE
			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	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N	N		
2	MW-31	12/10/2020	0.026	< 0.0010	< 0.00024	0.001	< 0.058	< 0.058	0.019	0.018	399	19.3 <sup>J</sup>	6	<b>316</b>	< 1.2	6.9	< 1.2	< 1.2	52			
2	MW-31	4/9/2021	0.019	< 0.0010	< 0.00024	< 0.00028	< 0.058	< 0.058	< 0.0012	0.028	406	19.3 <sup>J</sup>	6.6	<b>308</b>	< 1.2	6.5	< 1.2	< 1.2	1.8 <sup>J</sup>			
2	MW-31	12/30/2021	0.19	< 0.0010	< 0.00024	< 0.00028	<b>48.6</b>	<b>54.2</b>	<b>0.42</b>	<b>0.52</b>	928	1770	120	15.1 <sup>J</sup>	< 1.2	628	35.1	44.8	244			
2	MW-31	1/31/2022	0.35	< 0.0010	< 0.00024	< 0.00028	<b>36.9</b>	<b>36.1</b>	<u>0.23</u>	<u>0.22</u>	944	1300	115	< 4.4	< 1.2	487	32	40.2	224			
2	MW-31	2/28/2022	<b>0.48</b>	< 0.0010	< 0.00024	< 0.00028	<b>36.2</b>	<b>37.0</b>	<u>0.15</u>	<u>0.16</u>	855	1110	124	< 2.2	< 1.2	382	34.7	42.5	829			
2	MW-31	4/26/2022	0.23	< 0.0010	< 0.00024	0.00061 <sup>J</sup>	<b>54.8</b>	<b>54.0</b>	<b>1.8</b>	<b>1.7</b>	753 <sup>J</sup>	412	28.7	<u>148</u>	< 1.2	141	6.9	8.2	1100			
2	MW-31	7/26/2022	<u>0.45</u>	< 0.0010	< 0.00024	< 0.00028	<b>18.0</b>	<b>18.7</b>	<u>0.12</u>	<u>0.13</u>	705	808	<u>154</u> <sup>J</sup>	< 2.2	< 1.2	288	58.2	66.5	4760			
2	MW-31	10/26/2022	<u>0.54</u>	< 0.0010	< 0.00024	< 0.00028	<b>18.6</b>	<b>17.6</b>	<u>0.097</u>	<u>0.095</u>	819 <sup>J</sup>	601	<u>145</u> <sup>J</sup>	< 2.2	< 1.2	240	32.1	37.6	5900			
2	MW-31	1/24/2023	<u>0.47</u>	< 0.0010	< 0.00024	< 0.00028	<b>20.8</b>	<b>21.0</b>	<u>0.18</u>	<u>0.18</u>	757	175	112	9.3 <sup>J</sup>	< 1.2	58.1	25.6	52.7	9430			
2	MW-31	4/25/2023	0.29	< 0.0010	< 0.00024	0.00030 <sup>J</sup>	<b>11.7</b>	<b>19.7</b>	<b>0.3</b>	<b>0.5</b>	688	70.8	75.1	117	1.6 <sup>J</sup>	5.3	16.2	38	8950			
2	MW-31	7/25/2023	0.39	< 0.0010	< 0.00024	< 0.00028	<b>8.5</b>	<b>8.9</b>	<u>0.12</u> <sup>J</sup>	<u>0.093</u> <sup>J</sup>	716	19.9 <sup>J</sup>	99.2	10	< 1.2	2.4	21.4	39.6	9310			
2	MW-31	10/17/2023	<u>0.44</u>	< 0.0010	< 0.00024	0.00099 <sup>J</sup>	<b>18.6</b>	<b>23.1</b>	<b>0.91</b>	<b>0.77</b>	656	106	71.1	<u>164</u>	< 1.2 <sup>UU</sup>	8.6	13.1	37.6	10200			
2	MW-2201	12/9/2020	0.05	< 0.0010	< 0.00024	0.00036 <sup>J</sup>	<b>3.7</b>	<b>3.6</b>	<u>0.23</u>	<u>0.23</u>	365	< 14.7	33.6	<u>249</u>	< 1.2	4.4	< 1.2	< 1.2	49.8			
2	MW-2201	4/9/2021	0.033	< 0.0010	< 0.00024	0.0027	< 0.058	< 0.058	0.011 <sup>J</sup>	0.0066 <sup>J</sup>	431	23.7 <sup>J</sup>	31.8	<b>303</b>	< 1.2	7.7	< 1.2	< 1.2	< 0.66			
2	MW-2201	12/30/2021	0.084	< 0.0010	< 0.00024	< 0.00028	<b>28.4</b>	<b>28.4</b>	<u>0.17</u>	<u>0.16</u>	592	98.4	65.4	<u>152</u>	< 1.2	35.7	16.4	22.5	211			
2	MW-2201	1/31/2022	0.077	< 0.0010	< 0.00024	< 0.00028	<b>11.1</b>	<b>10.8</b>	0.048	0.05	483	197	75.7	31.1	< 1.2	73.3	10.1	22.0	311			
2	MW-2201	2/28/2022	0.08	< 0.0010	< 0.00024	< 0.00028	<b>10.8</b>	<b>11.6</b>	<u>0.07</u>	<u>0.1</u>	562	500	86	26.6	< 1.2	172	25.1	51.7	196			
2	MW-2201	4/26/2022	0.044	< 0.0010	< 0.00024	0.0023	<b>20.1</b>	<b>20.5</b>	<u>0.13</u>	<u>0.12</u>	508 <sup>J</sup>	25.9 <sup>J</sup>	54.5	<b>278</b>	< 1.2	6.4	1.4 <sup>J</sup>	2.6 <sup>J</sup>	127 <sup>J</sup>			
2	MW-2201	7/26/2022	0.066	< 0.0010	< 0.00024	< 0.00028	<b>6.2</b>	<b>6.2</b>	0.031	0.032	589 <sup>J</sup>	274	86.8 <sup>JA</sup>	28.1 <sup>JA</sup>	< 1.2	91	15.5	354	1040			
2	MW-2201	10/26/2022	0.099	0.0011 <sup>J</sup>	< 0.00024	< 0.00028	<b>7.9</b>	<b>8.8</b>	0.037	0.046	626 <sup>JA</sup>	281	98.1 <sup>J</sup>	37.8	< 1.2	103	32.3 <sup>J</sup>	599	1030			
2	MW-2201	1/24/2023	0.059	< 0.0010	< 0.00024	0.0013	<b>9.3</b>	<b>7.9</b>	<u>0.087</u>	<u>0.071</u>	417	39.0 <sup>J</sup>	77.9	<b>729</b>	< 1.2	3.6	6.2	78.5	487			
2	MW-2201	4/25/2023	0.033	< 0.0010	< 0.00024	0.0019	<b>0.72</b>	<b>1.3</b>	<u>0.23</u>	<u>0.24</u>	449	19.9 <sup>J</sup>	32.0 <sup>J</sup>	<b>270</b>	1.4 <sup>J</sup>	2.1	5.6	39	2200			
2	MW-2201	7/25/2023	0.075	< 0.0010	< 0.00024	0.00048 <sup>J</sup>	<b>11.8</b>	<b>12.7</b>	<u>0.063</u>	<u>0.064</u>	417	26.3 <sup>J</sup>	58.4	<b>281</b>	< 1.2	3.6	15.5 <sup>J</sup>	435 <sup>J</sup>	3120 <sup>J</sup>			
2	MW-2201	10/17/2023	0.067	< 0.0010	< 0.00024	0.0013	<b>8.3</b>	<b>7.7<sup>J</sup></b>	<u>0.11</u>	<u>0.11</u>	451	32.4 <sup>J</sup>	60.9	<b>292</b>	< 1.2 <sup>UU</sup>	4.0 <sup>J</sup>	7.9 <sup>J</sup>	124 <sup>J</sup>	2810 <sup>J</sup>			
2	MW-2201 DUP	12/9/2020	0.05	0.0014 <sup>J</sup>	< 0.00024	0.00076 <sup>J</sup>	<b>3.9</b>	<b>3.7</b>	<u>0.22</u>	<u>0.22</u>	350	20.3 <sup>J</sup>	35.7	<u>249</u>	< 1.2	4.6	< 1.2	< 1.2	45.5			
2	MW-2201 DUP	4/9/2021	0.033	< 0.0010	< 0.00024	0.0026	< 0.058	<u>0.16</u> <sup>J</sup>	0.0092	0.008	432	19.3 <sup>J</sup>	31.7	<b>301</b>	< 1.2	7.7	< 1.2	< 1.2	0.79 <sup>J</sup>			
2	MW-2201 DUP	12/30/2021	0.086	< 0.0010	< 0.00024	< 0.00028	<b>28.3</b>	<b>30</b>	<u>0.17</u>	<u>0.17</u>	605	103	65.2	<u>152</u>	< 1.2	41.8	15.6	21.5	195			
2	MW-2201 DUP	1/31/2022	0.075	< 0.0010	< 0.00024	< 0.00028	<b>11.1</b>	<b>10.8</b>	0.046	0.046	490	197	75.6	28.6	< 1.2	72.9	14.2	30.5	205			
2	MW-2201 DUP	2/28/2022	0.078	0.0018 <sup>J</sup>	< 0.00024	< 0.00028	<b>11.5</b>	<b>11.8</b>	0.058	<u>0.076</u>	564	490	87.3	20.0	< 1.2	168	23.1	48.9	385			
2	MW-2201 DUP	4/26/2022	0.044	< 0.0010	< 0.00024	0.0022	<b>20.1</b>	<b>22.7</b>	<u>0.13</u>	<u>0.12</u>	577 <sup>J</sup>	28.1 <sup>J</sup>	56.0	<b>277</b>	< 1.2	6.0	1.1 <sup>J</sup>	2.0 <sup>J</sup>	91.6 <sup>J</sup>			
2	MW-2201 DUP	7/26/2022	0.063	< 0.0010	< 0.00024	< 0.00028	<b>5.9</b>	<b>6.2</b>	0.029	0.03	583 <sup>J</sup>	287	86.5 <sup>JA</sup>	28.2 <sup>JA</sup>	< 1.2	95.7	17.3	432	1290			
2	MW-2201 DUP	10/26/2022	0.11	< 0.0010	0.00024 <sup>J</sup>	0.00029 <sup>J</sup>	<b>8.8</b>	<b>8.9</b>	0.044	0.039	621 <sup>JA</sup>	279	98.9 <sup>J</sup>	38.2	< 1.2	99	44.7 <sup>J</sup>	583	939			
2	MW-2201 DUP	1/24/2023	0.057	< 0.0010	< 0.00024	0.0013	<b>9.0</b>	<b>7.4</b>	<u>0.086</u>	<u>0.071</u>	412	41.1 <sup>J</sup>	76.3	<b>797</b>	< 1.2	4.6	6.8	83.0	535			
2	MW-2201 DUP	4/25/2023	0.035	< 0.0010	< 0.00024	0.0019	<b>0.82</b>	<b>1.5</b>	<u>0.24</u>	<u>0.23</u>	453	< 14.7	32.4 <sup>J</sup>	<u>223</u>	< 1.2 <sup>UU</sup>	2.0	6.0	41.3	2140			
2	MW-2201 DUP	7/25/2023	0.081	< 0.0010	< 0.00024	0.00046 <sup>J</sup>	<b>11.6</b>	<b>12.2</b>	<u>0.065</u>	<u>0.067</u>	448	28.4 <sup>J</sup>	58.7	<b>254</b>	< 1.2	4.6	20.2	408	3450			
2	MW-2201 DUP	10/17/2023	0.065	< 0.0010	< 0.00024	0.001	<b>7.2</b>	<b>11.1<sup>J</sup></b>	<u>0.1</u>	<u>0.12</u>	411	< 14.7	49.7	<b>254</b>	< 1.2 <sup>UU</sup>	2.2 <sup>J</sup>	16.7 <sup>J</sup>	319 <sup>J</sup>	4140 <sup>J</sup>			

**Table 4B  
Select Metals and Geochemical Parameters in Groundwater  
Treatment Area 2  
Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
2	MW-2202	12/8/2020	0.077	< 0.0010	< 0.00024	0.0015	<b>1.5</b> <sup>J+</sup>	<b>6.1</b>	<u>0.15</u>	<u>0.18</u>	401	< 14.7	30.3	<b>226</b>	< 1.2	3.1	< 1.2	< 1.2	143
2	MW-2202	4/9/2021	0.053	< 0.0010	< 0.00024	0.0015	<b>0.78</b>	<b>1.5</b>	<u>0.15</u>	<u>0.15</u>	405	< 15.5	27.4	<b>233</b>	< 1.2	2.8	< 1.2	< 1.2	157
2	MW-2202	12/30/2021	0.035	< 0.0010	< 0.00024	0.0052	0.073 <sup>J</sup>	<b>1.5</b>	<u>0.14</u>	<u>0.14</u>	590	65.5	11.2	<b>598</b>	< 1.2	21.8	< 0.39	< 0.25	2.9
2	MW-2202	1/31/2022	0.032	< 0.0010	< 0.00024	0.00093 <sup>J</sup>	<b>2.7</b>	<b>3.6</b>	<b>0.63</b>	<b>0.64</b>	678	197	12.2	<b>451</b>	< 1.2	73.2	1.3 <sup>J</sup>	0.70 <sup>J</sup>	26.5
2	MW-2202	2/28/2022	0.031	< 0.0010	< 0.00024	0.00059 <sup>J</sup>	<b>1.3</b>	<b>2.3</b>	<b>0.43</b>	<b>0.43</b>	647	138	12.4	<b>483</b>	1.6 <sup>J</sup>	26.6	< 0.39	< 0.25	41.5
2	PZ-2202	12/8/2020	0.057	< 0.0010	< 0.00024	0.00075 <sup>J</sup>	<b>1.2</b> <sup>J+</sup>	<b>1.0</b>	<u>0.06</u>	<u>0.063</u>	351	< 14.7	<u>126</u>	<b>252</b>	< 1.2 <sup>UJ</sup>	2.6	< 1.2	< 1.2	174
2	PZ-2202	4/9/2021	0.076	< 0.0010	< 0.00024	0.00083 <sup>J</sup>	<b>0.57</b>	<b>0.84</b>	<u>0.081</u>	<u>0.095</u>	360	14.8 <sup>J</sup>	<u>189</u>	<u>240</u>	< 1.2	2.5	< 1.2	< 1.2	170
2	PZ-2202	12/30/2021	0.22	< 0.0010	< 0.00024	< 0.00028	<b>102</b>	<b>112</b>	<b>0.34</b>	<b>0.35</b>	918	1730	101	119	< 1.2	498	5.1 <sup>J</sup>	6	414
2	PZ-2202	1/31/2022	0.29	< 0.0020	< 0.00047	< 0.00057	<b>157</b>	<b>166</b>	<b>0.5</b>	<b>0.48</b>	924	1560	<u>130</u>	73.1	< 1.2	486	18.0	14.2	3320
2	PZ-2202	2/28/2022	0.24	< 0.0020	< 0.00047	< 0.00057	<b>222</b>	<b>239</b>	<b>0.48</b>	<b>0.51</b>	1080	1930	<u>157</u>	19.7 <sup>J</sup>	< 1.2	634	35.6	31.0	4170
2	MW-2203	12/8/2020	0.052	0.0011 <sup>J</sup>	< 0.00024	0.019	<b>0.68</b>	<b>0.86</b>	<u>0.24</u>	<u>0.22</u>	436	26.0 <sup>J</sup>	11.8	<b>501</b>	< 1.2 <sup>UJ</sup>	8.5	< 1.2	< 1.2	8.6
2	MW-2203	4/9/2021	0.029	< 0.0010	< 0.00024	0.0038	0.095 <sup>J</sup>	0.083 <sup>J</sup>	<u>0.12</u>	<u>0.12</u>	342 <sup>J-</sup>	28.2 <sup>J</sup>	7.6 <sup>J</sup>	<b>466</b>	< 1.2	7.6	< 1.2	< 1.2	7.1
2	MW-2203	12/30/2021	0.036	< 0.0010	< 0.00024	0.0031	<u>0.22</u> <sup>J</sup>	<u>0.19</u> <sup>J</sup>	<u>0.17</u>	<u>0.17</u>	402	25.0 <sup>J</sup>	8.3	<b>382</b>	< 1.2	7.9	< 0.39	< 0.25	2.6 <sup>J</sup>
2	MW-2203	1/31/2022	0.032	< 0.0010	< 0.00024	0.0025	< 0.058	0.090 <sup>J</sup>	0.034	0.046	390	25.0 <sup>J</sup>	8.2	<b>377</b>	< 1.2	8.9	< 0.39	< 0.25	< 0.58
2	MW-2203	2/28/2022	0.03	< 0.0010	< 0.00024	0.003	< 0.058	< 0.058	0.017	0.018	426	22.7 <sup>J</sup>	10.9	<b>380</b>	< 1.2	7.8	< 0.39	< 0.25	< 0.58
2	PZ-2203	12/8/2020	0.13	< 0.0010	< 0.00024	0.0033	< 0.058	<b>0.61</b> <sup>J+</sup>	0.055	<u>0.06</u>	338	17.0 <sup>J</sup>	117	<u>233</u>	< 1.2 <sup>UJ</sup>	4.0	< 1.2	< 1.2	< 1.6 <sup>U</sup>
2	PZ-2203	4/9/2021	0.11	< 0.0010	< 0.00024	0.0019	< 0.058	< 0.058	<u>0.093</u>	<u>0.095</u>	322	< 15.5	114	<u>242</u>	< 1.2	3.0	< 1.2	< 1.2	6.1
2	PZ-2203	12/30/2021	0.09	< 0.0010	< 0.00024	0.0023	0.077 <sup>J</sup>	0.13 <sup>J</sup>	<u>0.092</u>	<u>0.11</u>	311	< 14.7	109	<u>204</u>	< 1.2	3.2	< 0.39	< 0.25	39.9
2	PZ-2203	1/31/2022	0.082	< 0.0010	< 0.00024	0.002	< 0.058	< 0.058	0.027	0.034	324	< 14.7	103	<u>189</u>	< 1.2	3.3	< 0.39	< 0.25	< 0.58
2	PZ-2203	2/28/2022	0.074	< 0.0010	0.00030 <sup>J</sup>	0.0019	< 0.058	< 0.058	0.0038 <sup>J</sup>	0.019	342	< 14.7	121	<u>223</u>	< 1.2	3.0	< 0.39	< 0.25	< 0.58

Notes:

mg/L = milligrams per liter

ug/L = micrograms per liter

NA = Not Analyzed

NE = Not Established

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

<sup>UJ</sup> = Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

**Table 5A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

		Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
		ES	200	850	7	5	400	70	5	60	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02
		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
Treatment Area	Sample Location	Sample Date													
3	MW-2301	12/7/2020	< 0.24	< 0.27	<b>11.0</b>	< 0.25	< 1.3	<b>1270</b>	< 0.58	< 1.2	< 0.33	< 0.27	<b>316</b>	<b>285</b>	<b>2.2<sup>J+</sup></b>
3	MW-2301	4/9/2021	< 3.0	< 3.0	< 5.8	< 3.0	< 13.8	<b>717</b>	< 3.2	< 11.3	< 4.1	< 2.9	<b>172</b>	<b>146</b>	< 1.7
3	MW-2301	11/20/2021	< 0.61	< 0.59	< 1.2	< 0.59	< 2.8	< 0.94	< 0.64	< 2.3	< 0.82	< 0.58	< 1.1	<u>0.65<sup>J</sup></u>	< 0.35
3	MW-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.60 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.66<sup>J</sup></b>
3	MW-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.83 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.71<sup>J</sup></b>
3	MW-2301	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.64<sup>J</sup></b>
3	MW-2301	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17 <sup>UJ</sup>
3	MW-2301	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>8.8</u>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.3</b>
3	MW-2301	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.95 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17 <sup>UJ</sup>
3	MW-2301	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.88 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.4</b>
3	MW-2301	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.6	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.2</b>
3	MW-2301	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2301 DUP	4/9/2021	< 3.0	< 3.0	< 5.8	< 3.0	< 13.8	<b>716</b>	< 3.2	< 11.3	< 4.1	< 2.9	<b>165</b>	<b>145</b>	< 1.7
3	MW-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.93 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.72<sup>J</sup></b>
3	MW-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.48 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.71<sup>J</sup></b>
3	MW-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.79 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.1<sup>J</sup></b>
3	MW-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>7.7</u>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.9</b>
3	MW-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.3	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.5<sup>J</sup></b>
3	MW-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.99 <sup>J</sup>	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.6</b>
3	MW-2301 DUP	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.3	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.6</b>
3	MW-2301 DUP	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	12/7/2020	< 0.24	< 0.27	< 0.24	<u>2.4</u>	< 1.3	0.51 <sup>J</sup>	< 0.58	< 1.2	< 0.33	1.2	< 0.46	< 0.26	< 0.80 <sup>U</sup>
3	PZ-2301	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

**Table 5A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

		Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
		ES	200	850	7	5	400	70	5	60	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02
		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
Treatment Area	Sample Location	Sample Date													
3	PZ-2301	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2302	12/7/2020	0.43 <sup>J</sup>	47.9	< 0.24	0.42 <sup>J</sup>	19.1	<u>17.2</u>	<b>25.3</b>	< 1.2	< 0.33	< 0.27	0.70 <sup>J</sup>	0.38 <sup>J</sup>	<b>4.9</b>
3	MW-2302	4/9/2021	3.2	14.2	< 0.58	< 0.30	9.1	<u>17.9</u>	<b>9.6</b>	< 1.1	< 0.41	< 0.29	0.73 <sup>J</sup>	<u>3.9</u>	<b>4.6</b>
3	MW-2302	11/20/2021	0.44 <sup>J</sup>	8.6	< 0.58	< 0.30	20.3	5.0	<u>3.8</u> <sup>J</sup>	< 1.1	< 0.41	< 0.29	< 0.53	<u>1.4</u>	<b>3.8</b>
3	MW-2302	12/22/2021	1.1	7.0	< 0.58	< 0.30	2.6 <sup>J</sup>	2.8	<u>2.5</u> <sup>J</sup>	< 1.1	< 0.41	< 0.29	< 0.53	<u>2.6</u>	<b>1.5</b>
3	MW-2302	1/24/2022	0.64 <sup>J</sup>	11.9	< 0.58	< 0.30	5.9	5.0	<u>3.6</u> <sup>J</sup>	< 1.1	< 0.41	< 0.29	< 0.53	<u>2.2</u>	<b>2.5</b>
3	MW-2302	4/27/2022	2.7	12.0	< 0.58	< 0.30	< 1.4	<u>19.2</u>	<b>12.0</b>	< 1.1	< 0.41	< 0.29	< 0.53	<b>6.1</b>	<b>0.75<sup>J</sup></b>
3	MW-2302	7/26/2022	1.7	83.2	< 0.58	<u>0.51</u> <sup>J</sup>	17.3	<u>26.9</u>	<b>93.5</b>	< 1.1	< 0.41	< 0.29	0.67 <sup>J</sup>	<u>4.0</u>	<b>22.8</b>
3	MW-2302	10/26/2022	< 0.30 <sup>UU</sup>	<u>123</u> <sup>J</sup>	< 0.58 <sup>UU</sup>	<u>0.61</u> <sup>J</sup>	16.5 <sup>J</sup>	<u>42.8</u> <sup>J</sup>	<b>96.5</b> <sup>J</sup>	< 1.1 <sup>UU</sup>	< 0.41 <sup>UU</sup>	< 0.29 <sup>UU</sup>	0.78 <sup>J</sup>	<u>1.4</u> <sup>J</sup>	<b>21.3</b> <sup>J</sup>
3	MW-2302	1/23/2023	2.7	3.6	< 0.58	< 0.30	< 1.4	<u>16.4</u>	<u>1.0</u> <sup>J</sup>	< 1.1	< 0.41	< 0.29	< 0.53	<b>6.8</b>	<b>0.54<sup>J</sup></b>
3	MW-2302	4/24/2023	3.2	22.4	< 0.58	< 0.30	8.1	<u>9.9</u>	<u>3.0</u> <sup>J</sup>	< 1.1	< 0.41	< 0.29	< 0.53	<u>3.8</u>	<b>2.5</b>
3	MW-2302	7/24/2023	0.65 <sup>J</sup>	<u>275</u>	<u>0.73</u> <sup>J</sup>	0.48 <sup>J</sup>	<u>211</u>	<b>105</b>	<b>45.9</b>	< 1.1	< 0.41	< 0.29	1.7	<u>3.7</u>	<b>21.4</b>
3	MW-2302	10/18/2023	7.2	7.6	< 0.58	< 0.30	4.0 <sup>J</sup>	5.0	<u>0.98</u> <sup>J</sup>	< 1.1	<u>0.80</u> <sup>J</sup>	< 0.29	< 0.53	<b>7.4</b>	<b>0.56<sup>J</sup></b>

**Table 5A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

		Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
		ES	200	850	7	5	400	70	5	60	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02
		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
Treatment Area	Sample Location	Sample Date													
3	PZ-2302	12/7/2020	< 0.24	0.47 <sup>J</sup>	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 1.2	< 0.33	< 0.27	< 0.46	< 0.26	<b>5.7</b>
3	PZ-2302	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.8</b>
3	PZ-2302	11/20/2021	< 0.30	0.45 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.34<sup>J</sup></b>
3	PZ-2302	12/22/2021	< 0.30	0.43 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.35<sup>J</sup></b>
3	PZ-2302	1/24/2022	< 0.30	0.54 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	4/27/2022	< 0.30	0.39 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	7/26/2022	< 0.30	0.43 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	10/26/2022	< 0.30	0.49 <sup>J</sup>	< 0.58	< 0.30	2.9 <sup>J</sup>	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	1/23/2023	< 0.30	0.44 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	7/24/2023	< 0.30	0.32 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	10/18/2023	< 0.30	0.37 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2303	12/8/2020	0.63 <sup>J</sup>	1.9 <sup>J</sup>	1.5 <sup>J</sup>	< 0.49	< 2.7	<b>279</b>	< 1.2	< 2.5	< 0.65	< 0.54	23.7	<b>241</b>	<b>12.4</b>
3	MW-2303	4/9/2021	1.1 <sup>J</sup>	2.5	< 1.2	< 0.59	< 2.8	<b>109</b>	< 0.64	4.6 <sup>J</sup>	< 0.82	< 0.58	8.6	<b>141</b>	<b>39.4</b>
3	MW-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.8	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.42 <sup>J</sup>	<b>5.1</b>
3	MW-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.54 <sup>J</sup>	<b>2.2</b>
3	MW-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.2	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.82 <sup>J</sup>	<b>3.6</b>
3	MW-2303	4/27/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.44 <sup>J</sup>	<b>5.3</b>
3	MW-2303	7/26/2022	< 0.30	1.2	< 0.58	< 0.30	< 1.4	10.4	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.44 <sup>J</sup>	<b>63.7</b>
3	MW-2303	10/26/2022	< 0.30	0.76 <sup>J</sup>	< 0.58	< 0.30	< 1.4	4.1	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>17.1</b>
3	MW-2303	1/23/2023	< 0.30	0.33 <sup>J</sup>	< 0.58	< 0.30	< 1.4	1.1	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.55 <sup>J</sup>	<b>10.2</b>
3	MW-2303	4/24/2023	< 0.30	0.49 <sup>J</sup>	< 0.58	< 0.30	< 1.4	4.2	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>175</b>
3	MW-2303	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	3.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>268</b>
3	MW-2303	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.1	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.58 <sup>J</sup>	<b>45.2</b>
3	PZ-2303	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	4.6	< 0.58	< 1.2	< 0.33	< 0.27	< 0.46	< 0.26	<b>8.7</b>
3	PZ-2303	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	9.0	< 0.32	30.3	< 0.41	< 0.29	< 0.53	< 0.32	<b>13.4</b>
3	PZ-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.0</b>
3	PZ-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.6</b>

**Table 5A  
Detected Volatile Organic Compounds in Groundwater  
Treatment Area 3  
Former Kenosha Engine Plant**

			Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	Chloro ethane	cis-1,2-Dichloro ethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
			ES	200	850	7	5	400	70	5	60	5	800	100	5	0.2	
			PAL	40	85	0.7	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02	
			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	
Treatment Area	Sample Location	Sample Date															
3	PZ-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>2.6</b>		
3	PZ-2303	4/27/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.2</b>		
3	PZ-2303	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.1</b>		
3	PZ-2303	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.75<sup>J</sup></b>		
3	PZ-2303	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.32<sup>J</sup></b>		
3	PZ-2303	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.23<sup>J</sup></b>		
3	PZ-2303	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.57<sup>J</sup></b>		
3	PZ-2303	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17		

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

<sup>UJ</sup> = Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, March 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, March 2023 exceedances are **bold**.

**Table 5B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane	
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE
			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	mg/L	mg/L	mg/L	ug/L	ug/L
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T	T		
3	MW-2301	12/7/2020	0.072	0.0028 <sup>J</sup>	< 0.00024	0.0014	<b>0.94</b>	<b>0.89</b>	<u>0.19</u>	<u>0.17</u>	369	< 14.7	10.4	94.7	< 1.2 <sup>UU</sup>	2.5	< 1.2	< 1.2	< 1.8 <sup>U</sup>		
3	MW-2301	4/9/2021	0.073	< 0.0010	< 0.00024	0.0074	<b>0.53</b>	<b>0.61</b>	<u>0.14</u>	<u>0.14</u>	452	< 14.7	13.1	87.3	< 1.2	2.3	< 1.2	< 1.2	< 0.66		
3	MW-2301	11/20/2021	0.37	< 0.0010	< 0.00024	< 0.00028	<b>132</b>	<b>131</b>	<b>0.8</b>	<b>0.77</b>	1700	3920	45.2	< 2.2	< 12.0	1710	14.4	28.3	257		
3	MW-2301	12/22/2021	0.15	< 0.0020	< 0.00047	< 0.00057	<b>31.4</b>	<b>33.8</b>	<u>0.099</u>	<u>0.1</u>	771	1120	54.6	< 2.2	< 1.2	388	20.4	33.0	405		
3	MW-2301	1/24/2022	0.14	< 0.0010	< 0.00024	< 0.00028	<b>22.5</b>	<b>22.9</b>	<u>0.12</u>	<u>0.12</u>	766	997	43.6	8.3 <sup>J</sup>	< 1.2	374	31.6	46.9	1800		
3	MW-2301	4/26/2022	0.055	< 0.0010	< 0.00024	< 0.00028	<b>15.8</b>	<b>13.8</b>	<u>0.062</u>	0.052	373 <sup>-J</sup>	43.5 <sup>J</sup>	29.3	92.2	< 1.2	10.6	27.0	34.7	2950		
3	MW-2301	7/26/2022	0.070 <sup>J</sup>	< 0.0010	< 0.00024	< 0.00028	<b>0.71<sup>J</sup></b>	<b>18.5<sup>J</sup></b>	<u>0.14<sup>-J</sup></u>	<u>0.071<sup>-J</sup></u>	178 <sup>-J</sup>	105	14.0 <sup>+J</sup>	10.5 <sup>+J</sup>	1.6 <sup>J</sup>	13.3	62.5	72.9	6220		
3	MW-2301	10/26/2022	0.055	< 0.0010 <sup>UU</sup>	0.00036 <sup>J</sup>	0.0005 <sup>J</sup>	<b>3.7</b>	<b>6.3</b>	0.03	0.034	211 <sup>+J</sup>	55.9	26.9 <sup>-J</sup>	5.1 <sup>J</sup>	< 1.2	30.1	23.9 <sup>J</sup>	94.2 <sup>J</sup>	3330 <sup>J</sup>		
3	MW-2301	1/23/2023	0.058	< 0.0010	< 0.00024	< 0.00028	0.10 <sup>J</sup>	<b>5.5</b>	0.026	0.037	277	124	26.6	9.8 <sup>J</sup>	< 1.2	26.8	46.4	158	11400		
3	MW-2301	4/24/2023	0.081	< 0.0010	< 0.00024	< 0.00028	<b>6.6</b>	<b>16.0</b>	<u>0.092</u>	<u>0.12</u>	447	30.5 <sup>J</sup>	28	77.3 <sup>J</sup>	1.2 <sup>-J</sup>	8.1	50.2 <sup>J</sup>	156 <sup>J</sup>	11300 <sup>J</sup>		
3	MW-2301	7/24/2023	0.08	< 0.0010	< 0.00024	< 0.00028	<b>6.3</b>	<b>6.2</b>	0.039	0.041	332	183	47.9	4.6	< 1.2	70.0	26.5 <sup>J</sup>	85.5 <sup>J</sup>	3150 <sup>J</sup>		
3	MW-2301	10/18/2023	0.084	< 0.0010	< 0.00024	0.00055 <sup>J</sup>	<b>9.8</b>	<b>29.2</b>	<u>0.083</u>	<u>0.12</u>	577	30.2 <sup>J</sup>	6.6 <sup>J</sup>	47.9	< 1.2 <sup>UU</sup>	4.0	14.7	44.6	1440 <sup>J</sup>		
3	MW-2301 DUP	4/9/2021	0.075	< 0.0010	< 0.00024	0.0064	<b>0.64</b>	<b>0.65</b>	<u>0.15</u>	<u>0.14</u>	451	< 14.7	12.3	85.7	< 1.2	2.4	< 1.2	< 1.2	< 0.66		
3	MW-2301 DUP	1/24/2022	0.15	< 0.0010	< 0.00024	< 0.00028	<b>22.8</b>	<b>24.4</b>	<u>0.12</u>	<u>0.12</u>	790	993	43.1	7.2 <sup>J</sup>	< 1.2	377	33.1	48.9	1420		
3	MW-2301 DUP	4/26/2022	0.054	< 0.0010	< 0.00024	0.00066 <sup>J</sup>	<b>15.0</b>	<b>14.1</b>	0.058	0.052	420 <sup>-J</sup>	25.9 <sup>J</sup>	29	87.1	< 1.2	11.4	32.9	42	2880		
3	MW-2301 DUP	7/26/2022	0.058 <sup>J</sup>	< 0.0010	< 0.00024	< 0.00028	<u>0.18<sup>-J</sup></u>	<b>9.2<sup>J</sup></b>	<u>0.073<sup>-J</sup></u>	0.033 <sup>-J</sup>	188	89.6	13.9 <sup>+J</sup>	10.9 <sup>+J</sup>	< 1.2	13.8	58.4	67.9	5590		
3	MW-2301 DUP	10/26/2022	0.052	<u>0.02<sup>-J</sup></u>	0.00042 <sup>J</sup>	0.0097 <sup>J</sup>	<b>3.7</b>	<b>7.6</b>	0.029	0.037	218 <sup>+J</sup>	74.5	23.4 <sup>-J</sup>	3 <sup>J</sup>	< 1.2	31	1.7 <sup>J</sup>	10.4 <sup>J</sup>	250 <sup>J</sup>		
3	MW-2301 DUP	1/23/2023	0.061	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>5.1</b>	0.027	0.036	269	134	27.8	7.4 <sup>J</sup>	< 1.2	29.6	49.2	164	10800		
3	MW-2301 DUP	4/24/2023	0.082	< 0.0010	< 0.00024	< 0.00028	<b>7.4</b>	<b>14.5</b>	<u>0.093</u>	<u>0.12</u>	454	26.3 <sup>J</sup>	27.3	79.1 <sup>J</sup>	< 1.2 <sup>UU</sup>	7.6	25.1 <sup>J</sup>	76.7 <sup>J</sup>	6660 <sup>J</sup>		
3	MW-2301 DUP	7/24/2023	0.08	< 0.0010	< 0.00024	< 0.00028	<b>5.9</b>	<b>7.0</b>	0.038	0.039	320	188	53.8	6.3	< 1.2	73.2	16.0 <sup>J</sup>	51.3 <sup>J</sup>	2260 <sup>J</sup>		
3	MW-2301 DUP	10/18/2023	0.086	< 0.0010	< 0.00024	< 0.00028	<b>9.7</b>	<b>28</b>	<u>0.085</u>	<u>0.11</u>	491 <sup>-J</sup>	32.4 <sup>J</sup>	6.3 <sup>J</sup>	48	< 1.2 <sup>UU</sup>	3.8	13.4	42.2	2570 <sup>J</sup>		
3	PZ-2301	12/7/2020	0.093	0.0013 <sup>J</sup>	< 0.00024	0.0032	< 0.058	<b>2.2</b>	<u>0.18</u>	<u>0.18</u>	338	17.0 <sup>J</sup>	64	<u>130</u>	< 1.2 <sup>UU</sup>	3.9	< 1.2	5.3	32.3		
3	PZ-2301	4/9/2021	0.053	< 0.0010	< 0.00024	0.0012	<u>0.16<sup>-J</sup></u>	0.13 <sup>J</sup>	<u>0.077</u>	<u>0.069</u>	310	< 14.7	52.2	117	< 1.2	3.2	< 1.2	< 1.2	8.5		
3	PZ-2301	11/20/2021	0.094	< 0.0010	< 0.00024	< 0.00028	<b>51.8</b>	<b>54.9</b>	<u>0.2</u>	<u>0.21</u>	804	2690	38.3	23.5	< 12.0	900	9.7	16.8	318		
3	PZ-2301	12/22/2021	0.37	< 0.0010	< 0.00024	< 0.00028	<b>43.9</b>	<b>37.4</b>	<u>0.21</u>	<u>0.17</u>	581	1050	27	12.9	< 1.2	351	5.0 <sup>J</sup>	6.9	649		
3	PZ-2301	1/24/2022	0.25	< 0.0010	< 0.00024	< 0.00028	<b>6.4</b>	<b>10.3</b>	<u>0.091</u>	<u>0.091</u>	466	615	26.9	11.9	< 1.2	226	6.9	8.6	1100		
3	PZ-2301	4/26/2022	0.14	< 0.0010	< 0.00024	< 0.00028	0.083 <sup>J</sup>	<b>0.66</b>	0.014 <sup>-J</sup>	0.011 <sup>-J</sup>	308 <sup>-J</sup>	342	25.7	3.8 <sup>J</sup>	< 1.2	160 <sup>J</sup>	12	12.3	4850		
3	PZ-2301	7/26/2022	0.055	< 0.0010	< 0.00024	0.00047 <sup>J</sup>	0.079 <sup>J</sup>	<u>0.22<sup>-J</sup></u>	< 0.0035 <sup>U</sup>	< 0.0041 <sup>U</sup>	164 <sup>-J</sup>	114	24.9	26.0 <sup>+J</sup>	< 1.2	43.9 <sup>-J</sup>	7.3	5.9	1730		
3	PZ-2301	10/26/2022	0.034	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>0.35</b>	< 0.0012	0.0022 <sup>J</sup>	139 <sup>+J</sup>	53.8	24.5 <sup>-J</sup>	28.8	< 1.2	19.8	6.6	5.3	1070		
3	PZ-2301	1/23/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.23<sup>-J</sup></u>	< 0.0012	0.0020 <sup>J</sup>	113	32.1 <sup>J</sup>	21.4	24.5	< 1.2	2.7	6.5	5.7	882		
3	PZ-2301	4/24/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>0.45</b>	< 0.0012	0.0018 <sup>J</sup>	115	< 15.5	25.6	35.4 <sup>J</sup>	1.8 <sup>-J</sup>	1.9	6.7	5.1	1150		
3	PZ-2301	7/24/2023	0.021	< 0.0010	< 0.00024	< 0.00028	< 0.058	0.10 <sup>-J</sup>	< 0.0012	< 0.0012	93.1	17.8 <sup>J</sup>	20.9	43.5	< 1.2	1.7	8.6	7.1	648 <sup>J</sup>		
3	PZ-2301	10/18/2023	0.019	< 0.0010	< 0.00024	0.00032 <sup>J</sup>	< 0.058	<u>0.24<sup>-J</sup></u>	< 0.0012	0.0012 <sup>J</sup>	102 <sup>+J</sup>	< 14.7	21.3	36.2	< 1.2 <sup>UU</sup>	1.5	7.9	6.9	463 <sup>J</sup>		

**Table 5B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T
Treatment Area	Sample Location	Sample Date																	
3	PZ-2301 DUP	4/9/2021	0.055	< 0.0010	< 0.00024	0.0012	0.14 <sup>J</sup>	<u>0.15</u> <sup>J</sup>	<u>0.076</u>	<u>0.081</u>	315	< 14.7	52.4	113	< 1.2	3.5	< 1.2	< 1.2	8.2
3	PZ-2301 DUP	1/24/2022	0.26	0.0033 <sup>J</sup>	< 0.00024	< 0.00028	<b>7.0</b>	<b>10.6</b>	<u>0.093</u>	<u>0.092</u>	459	632	27.6	11.4	< 1.2	220	7	8.7	1040
3	PZ-2301 DUP	4/26/2022	0.16	< 0.0010	< 0.00024	0.00055 <sup>J</sup>	0.12 <sup>J</sup>	<b>0.72</b>	0.017 <sup>J</sup>	0.010 <sup>J</sup>	340 <sup>J-</sup>	371	26.3	3.3 <sup>J</sup>	< 1.2	234 <sup>J</sup>	10.4	10.6	4860
3	PZ-2301 DUP	7/26/2022	0.058	< 0.0010	< 0.00024	< 0.00028	0.061 <sup>J</sup>	<u>0.21</u> <sup>J</sup>	< 0.0027 <sup>J</sup>	0.0049 <sup>J+</sup>	186 <sup>J-</sup>	151	24.7	26.2 <sup>J+</sup>	< 1.2	38.3 <sup>J-</sup>	8.2	6.5	2320
3	PZ-2301 DUP	10/26/2022	0.035	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>0.32</b>	< 0.0012	0.0022 <sup>J</sup>	159 <sup>J+</sup>	47.5 <sup>J</sup>	24.2 <sup>J-</sup>	29.9	1.2 <sup>J</sup>	22.3	7.7	6.1	1200
3	PZ-2301 DUP	1/23/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.22</u> <sup>J</sup>	< 0.0012	0.0022 <sup>J</sup>	116	32.1 <sup>J</sup>	21.6	27.5	< 1.2	2.4	6.5	5.1	848
3	PZ-2301 DUP	4/24/2023	0.015	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>0.44</b>	< 0.0012	0.0021 <sup>J</sup>	115	< 15.5	25.9	34.4 <sup>J</sup>	3.0 <sup>J-</sup>	2.0	8.4	6.5	1320
3	PZ-2301 DUP	7/24/2023	0.022	< 0.0010	< 0.00024	0.00091 <sup>J</sup>	< 0.058	0.12 <sup>J</sup>	< 0.0012	0.0016 <sup>J</sup>	90.3	< 15.5	23.7	44.8	< 1.2	1.7	5.3 <sup>J</sup>	4.4 <sup>J</sup>	427 <sup>J</sup>
3	PZ-2301 DUP	10/18/2023	0.019	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.24</u> <sup>J</sup>	< 0.0012	0.0014 <sup>J</sup>	99.3 <sup>J-</sup>	< 14.7	22.8	39.5	1.2 <sup>J-</sup>	1.4	8.1	6.8	767 <sup>J</sup>
3	MW-2302	12/7/2020	0.05	0.0063	< 0.00024	0.0011	<b>0.85</b> <sup>J+</sup>	<b>1.6</b>	<u>0.11</u>	<u>0.11</u>	733	107	28.1	60.1	< 1.2 <sup>UU</sup>	22.9	20.2	2.0 <sup>J</sup>	1920
3	MW-2302	4/9/2021	0.034	0.0073	< 0.00024	0.0016	<b>0.53</b>	<b>0.57</b>	<u>0.078</u>	<u>0.079</u>	548	100	24.3	60.5	< 1.2	35.1	6	< 1.2	1930
3	MW-2302	11/20/2021	0.061	0.0095	< 0.00024	0.00073 <sup>J</sup>	<b>1.3</b>	<b>1.5</b>	<u>0.075</u>	<u>0.074</u>	629	92	72.3	<b>385</b>	< 1.2	22.3	39.1	3.0 <sup>J</sup>	9000
3	MW-2302	12/22/2021	0.07	0.0065	< 0.00024	0.0013	<b>1.8</b>	<b>2.2</b>	<u>0.12</u>	<u>0.12</u>	555	74.2	60.9	<b>551</b>	< 1.2	19.3	27.3	2.2 <sup>J</sup>	5850
3	MW-2302	1/24/2022	0.053	0.0094	< 0.00024	0.00095 <sup>J</sup>	<b>1.3</b>	<b>1.4</b>	<u>0.065</u>	<u>0.064</u>	659	99	72.2	<b>386</b>	< 1.2	23	25.8	1.7 <sup>J</sup>	10000
3	PZ-2302	12/7/2020	0.18	0.0028 <sup>J</sup>	< 0.00024	0.0022	<b>0.96</b>	<b>1.8</b>	<u>0.21</u>	<u>0.18</u>	483 <sup>J-</sup>	14.8 <sup>J</sup>	<b>324</b>	<b>291</b>	< 1.2 <sup>UU</sup>	3.6	< 1.2	< 1.2	82
3	PZ-2302	4/9/2021	0.15	0.0011 <sup>J</sup>	0.00037 <sup>J</sup>	0.0012	<b>0.66</b>	<b>0.61</b>	<u>0.15</u>	<u>0.16</u>	489	28.2 <sup>J</sup>	<b>379</b>	<b>303</b>	< 1.2	3.4	< 1.2	< 1.2	62.6
3	PZ-2302	11/20/2021	0.16	0.0011 <sup>J</sup>	< 0.00024	0.0012	<b>1.3</b>	<b>1.4</b>	<u>0.19</u>	<u>0.18</u>	432	14.9 <sup>J</sup>	<b>316</b>	<b>297</b>	< 1.2	3.1	3.6 <sup>J</sup>	< 0.25	66.4
3	PZ-2302	12/22/2021	0.15	< 0.0010	< 0.00024	0.00060 <sup>J</sup>	<b>1.2</b>	<b>1.3</b>	<u>0.18</u>	<u>0.17</u>	459	21.5 <sup>J</sup>	<b>327</b>	<b>299</b>	< 1.2	3.3	0.86 <sup>J</sup>	< 0.25	21.1
3	PZ-2302	1/24/2022	0.15	< 0.0010	< 0.00024	0.00062 <sup>J</sup>	<b>0.84</b>	<b>0.88</b>	<u>0.18</u>	<u>0.18</u>	453	< 14.7	<b>334</b>	<b>302</b>	< 1.2	3.1	0.96 <sup>J</sup>	< 0.25	27.2
3	MW-2303	12/8/2020	0.13	0.006	<u>0.0054</u>	0.0074	<b>4.5</b>	<b>7.2</b>	<b>0.6</b>	<b>0.66</b>	354	57.4	64.1	<u>201</u>	< 1.2 <sup>UU</sup>	3	< 1.2	< 1.2	6.2
3	MW-2303	4/9/2021	0.12	< 0.0010	0.00031 <sup>J</sup>	0.002	< 0.058	0.070 <sup>J</sup>	<b>0.80</b> <sup>J</sup>	<b>0.55</b> <sup>J</sup>	450	< 14.7	<u>177</u>	<b>372</b>	< 1.2	3.5	2.2 <sup>J</sup>	3.5 <sup>J</sup>	117
3	MW-2303	11/20/2021	0.13	< 0.0010	< 0.00024	0.00044 <sup>J</sup>	<b>18.3</b>	<b>16.1</b>	<b>0.73</b>	<b>0.63</b>	447	195	56.1	38.6	< 1.2	70.6	0.93 <sup>J</sup>	1.3 <sup>J</sup>	38.6
3	MW-2303	12/22/2021	0.17	< 0.0010	< 0.00024	< 0.00028	<b>62.5</b>	<b>47.4</b>	<b>2.1</b>	<b>1.4</b>	820	720	71.3	7.0 <sup>J</sup>	< 12.0	323	2.8 <sup>J</sup>	4.0 <sup>J</sup>	815
3	MW-2303	1/24/2022	0.11	0.0046	< 0.00024	0.00045 <sup>J</sup>	<b>29.9</b>	<b>17.6</b>	<b>0.97</b>	<b>0.55</b>	410	138	47.9	19.4	< 1.2	49.3	3.7 <sup>J</sup>	4.7 <sup>J</sup>	2670
3	MW-2303	4/27/2022	0.18	0.0012 <sup>J</sup>	< 0.00024	0.00040 <sup>J</sup>	<b>13.1</b>	<b>15.5</b>	<b>0.54</b>	<b>0.58</b>	643	52.3	<u>149</u>	<u>155</u>	< 1.2	16.3	6.1	22.2	7340
3	MW-2303	7/26/2022	0.13	< 0.0010	< 0.00024	0.00028 <sup>J</sup>	<b>1.5</b>	<b>1.7</b>	<u>0.14</u>	<u>0.13</u>	439 <sup>J-</sup>	32.5 <sup>J</sup>	<u>162</u> <sup>J+</sup>	<u>33.3</u> <sup>J+</sup>	< 1.2	3.6	16	95.1	3960
3	MW-2303	10/26/2022	0.12	0.0039	< 0.00024	0.00067 <sup>J</sup>	<b>2.5</b>	<b>2.2</b>	<u>0.18</u> <sup>J</sup>	<u>0.12</u> <sup>J</sup>	320 <sup>J+</sup>	< 14.7	97.7 <sup>J-</sup>	80.5	< 1.2 <sup>UU</sup>	2.9	11.7	101	4300
3	MW-2303	1/23/2023	0.11	< 0.0010	< 0.00024	0.00059 <sup>J</sup>	<b>2.6</b> <sup>J</sup>	<b>1.3</b> <sup>J</sup>	<u>0.2</u>	<u>0.19</u>	296	39.0 <sup>J</sup>	75.6	<u>216</u>	< 1.2	2.4	1.7 <sup>J</sup>	11.6	433
3	MW-2303	4/24/2023	0.30	< 0.0010	< 0.00024	0.00046 <sup>J</sup>	<b>12.3</b>	<b>11.8</b>	<b>0.43</b>	<b>0.44</b>	490	24.2 <sup>J</sup>	<u>203</u>	<u>315</u> <sup>J</sup>	< 1.2	2.9	5.3 <sup>J</sup>	22.7	735
3	MW-2303	7/24/2023	0.29	< 0.0010	< 0.00024	0.00031 <sup>J</sup>	<b>10.9</b>	<b>10.9</b>	<b>0.34</b>	<b>0.33</b>	507	15.7 <sup>J</sup>	<u>201</u>	<b>270</b>	< 1.2	2.6	19.4	304	2150
3	MW-2303	10/18/2023	0.22	0.0012 <sup>J</sup>	< 0.00024	0.00056 <sup>J</sup>	<b>8.1</b>	<b>7.4</b>	<u>0.23</u>	<u>0.22</u>	395 <sup>J-</sup>	< 14.7	113	<u>225</u>	< 1.2 <sup>UU</sup>	3.0	23.6	281	2050



**Table 5B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		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	mg/L	ug/L	ug/L	ug/L
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T
Treatment Area	Sample Location	Sample Date																	
3	PZ-2303	12/8/2020	0.18	< 0.0010	< 0.00024	0.0012	<b>1.6<sup>J+</sup></b>	<b>1.6</b>	<b>0.36</b>	<b>0.35</b>	453 <sup>J-</sup>	< 14.7	51.5	<u>230</u>	< 1.2 <sup>UU</sup>	2.6	< 1.2	< 1.2	5.0 <sup>J+</sup>
3	PZ-2303	4/9/2021	0.14	< 0.0010	< 0.00024	0.00040 <sup>J</sup>	<b>3.0<sup>J</sup></b>	<b>2.4<sup>J</sup></b>	<b>0.53</b>	<b>0.49</b>	468	< 14.7	<u>150</u>	<b>445</b>	< 1.2 <sup>UU</sup>	3.5	< 1.2	< 1.2	24.2
3	PZ-2303	11/20/2021	0.34	0.0012 <sup>J</sup>	< 0.00024	< 0.00028	<b>16.6</b>	<b>17.5</b>	<b>0.69</b>	<b>0.62</b>	1320	1260	115	80.1	1.4 <sup>J</sup>	454	1.6 <sup>J</sup>	1.7 <sup>J</sup>	99.3
3	PZ-2303	12/22/2021	<u>0.51</u>	< 0.0010	< 0.00024	< 0.00028	<b>27.0</b>	<b>36.3</b>	<b>0.53</b>	<b>0.53</b>	1600	4240	108	8.8 <sup>J</sup>	< 1.2	671	3.5 <sup>J</sup>	6.3	355
3	PZ-2303	1/24/2022	<u>0.71</u>	< 0.0010	< 0.00024	< 0.00028	<b>32.3</b>	<b>32.6</b>	<b>0.84</b>	<b>0.78</b>	1760	2370	98.5	3.4 <sup>J</sup>	< 1.2	873	10	36.9	2470
3	PZ-2303	4/27/2022	<u>0.51</u>	0.0011 <sup>J</sup>	< 0.00024	0.00045 <sup>J</sup>	<b>18.2</b>	<b>20.3</b>	<b>0.62</b>	<b>0.61</b>	1450	1410	112	< 4.4	< 1.2	474	7.7	16.5	11900
3	PZ-2303	7/26/2022	0.31	< 0.0010	< 0.00024	< 0.00028	<b>9.0</b>	<b>11.8</b>	<u>0.26</u>	<u>0.29</u>	941 <sup>J-</sup>	305	<u>137<sup>J+</sup></u>	<u>73.3<sup>J+</sup></u>	1.2 <sup>J</sup>	100	19.7	< 0.25	13500
3	PZ-2303	10/26/2022	0.32	< 0.0010	< 0.00024	0.0012	<b>4.0</b>	<b>4.6</b>	<u>0.22</u>	<u>0.2</u>	812 <sup>J+</sup>	30.5 <sup>J</sup>	<u>161<sup>J-</sup></u>	70.5	2.4 <sup>J</sup>	10.2	16.3	< 0.25	14500
3	PZ-2303	1/23/2023	0.26	< 0.0010	< 0.00024	0.00032 <sup>J</sup>	<b>4.1</b>	<b>3.4</b>	<u>0.18</u>	<u>0.17</u>	744	28.4 <sup>J</sup>	<u>152</u>	97.5	< 1.2	2.2	5.4 <sup>J</sup>	< 0.25	5140
3	PZ-2303	4/24/2023	0.29	< 0.0010	< 0.00024	< 0.00028	<b>3.5<sup>J</sup></b>	<b>2.0<sup>J</sup></b>	<u>0.29</u>	<b>0.3</b>	598	< 14.7	<u>161</u>	<b>313<sup>J</sup></b>	< 1.2	1.6	5.2 <sup>J</sup>	< 0.25	3640
3	PZ-2303	7/24/2023	0.31	< 0.0010	< 0.00024	0.00041 <sup>J</sup>	<b>4.2</b>	<b>4.5</b>	<u>0.26</u>	<u>0.27</u>	620	< 14.7	<u>151</u>	<b>298</b>	< 1.2	1.7	5.7	< 0.25	3700
3	PZ-2303	10/18/2023	0.33	< 0.0010	< 0.00024	0.00038 <sup>J</sup>	<b>5.9</b>	<b>7.0</b>	<u>0.25</u>	<u>0.27</u>	643 <sup>J-</sup>	< 14.7	<u>167</u>	<b>281</b>	< 1.2 <sup>UU</sup>	1.9	10.6	< 0.25	3510

Notes:

mg/L = milligrams per liter

ug/L = micrograms per liter

= Not Analyzed

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

<sup>UU</sup> = Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

**Table 6A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-44	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-44	10/18/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-44	4/16/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-44	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-44	4/14/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-44	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-44	4/9/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	1/12/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-65	12/10/2020	< 2.4	<b>870</b>	< 5.8	<u>25.5</u>	<b>521</b>	<b>4.4<sup>J+</sup></b>
4	MW-65	4/9/2021	< 1.5	<b>354</b>	< 0.80	11.7	<b>45.4</b>	<b>1.3<sup>J</sup></b>
4	MW-65	12/8/2021	< 0.58	2.0	< 0.32	< 0.53	<u>0.77<sup>J</sup></u>	<b>0.46<sup>J</sup></b>
4	MW-65	1/11/2022	< 0.58	1.7	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-65	2/7/2022	< 0.58	1.7	< 0.32	< 0.53	< 0.32	<b>2.2</b>
4	MW-65	4/25/2022	< 2.3	<b>395</b>	< 1.3	3.3 <sup>J</sup>	< 1.3	<b>14.2</b>
4	MW-65	7/26/2022	< 1.5	<b>296</b>	< 0.80	4.30	< 0.80	<b>10.5</b>
4	MW-65	10/25/2022	<u>1.9<sup>J</sup></u>	<b>3220</b>	< 0.80	<u>32.3</u>	< 0.80	<b>1140</b>
4	MW-65	1/25/2023	< 29.1	<b>3500</b>	< 16.0	<u>29.3<sup>J</sup></u>	< 16.0	<b>6370</b>
4	MW-65R	4/25/2023	< 1.2	<b>122</b>	< 0.64	< 1.1	< 0.64	<b>370</b>
4	MW-65R	7/24/2023	< 5.8	<b>1180</b>	< 3.2	< 5.3	< 3.2	<b>2440</b>
4	MW-65R	10/17/2023	< 5.8	<b>653</b>	<u>4.5<sup>J</sup></u>	< 5.3	< 3.2	<b>1330</b>

**Table 6A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-77	4/9/2021	< 0.58	0.67 <sup>J</sup>	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-79	10/18/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-79	4/17/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-79	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-79	4/15/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-79	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-79	4/7/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-80	10/18/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-80	4/17/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-80	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-80	4/15/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-80	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-80	4/7/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17

**Table 6A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-80	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	5/17/2018	< 0.41	2	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-81	10/18/2018	< 0.24	0.89 <sup>J</sup>	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-81	4/17/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-81	10/9/2019	< 0.24	0.88 <sup>J</sup>	< 0.58	< 1.1	< 0.26	0.27 <sup>J</sup>
4	MW-81	4/15/2020	< 0.24	6.1	< 0.58	1.5 <sup>J</sup>	< 0.26	1.2
4	MW-81	11/4/2020	< 0.24	0.42 <sup>J</sup>	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-81	4/7/2021	< 0.58	5.2	< 0.32	1.3	< 0.32	2.4
4	MW-81	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	2/7/2022	< 0.58	0.53 <sup>J</sup>	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	7/26/2022	< 0.58	0.61 <sup>J</sup>	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	4/25/2023	< 0.58	7.6	< 0.32	2	< 0.32	5
4	MW-81	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	5/17/2018	< 4.1	561	< 2.3	42.3	304	7.5 <sup>J</sup>
4	MW-82	10/18/2018	< 0.24	133	< 0.58	4.0	17.9	25.1
4	MW-82	4/17/2019	0.88 <sup>J</sup>	372	< 0.58	36.7	204	4.1
4	MW-82	10/9/2019	< 1.2	553	< 2.9	46.9	220	11.0
4	MW-82	4/15/2020	< 1.2	417	< 2.9	39.2	121	5.9
4	MW-82	11/4/2020	< 0.24	97.3	< 0.58	9.5	5.3	31.9
4	MW-82	4/7/2021	< 2.9	488	< 1.6	45.0	97.1	13.7
4	MW-82	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	0.46 <sup>J</sup>
4	MW-82	1/12/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17

**Table 6A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-82	2/7/2022	< 0.58	0.67 <sup>J</sup>	< 0.32	< 0.53	< 0.32	0.37 <sup>J</sup>
4	MW-82	4/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	0.26 <sup>J</sup>
4	MW-82	10/25/2022	< 0.58	1.3	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	1/24/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	7/25/2023	< 0.58	0.48 <sup>J</sup>	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	4/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	0.28 <sup>J</sup>
4	MW-82 DUP	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	1/24/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	10/6/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	12/8/2021	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	1/12/2022	< 0.58	< 0.47	< 0.32	< 0.53	0.49 <sup>J</sup>	0.20 <sup>J</sup>
4	PZ-82	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	0.39 <sup>J+</sup>	< 0.17
4	PZ-82	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	1/25/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	4/25/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	7/25/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	10/17/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	MW-108	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-108	10/17/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108	4/16/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17

**Table 6A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-108	4/14/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-108	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-108	4/9/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	<b><u>2.8</u></b>	< 0.17
4	MW-108	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108 DUP	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-108 DUP	10/17/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	4/16/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	4/14/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-108 DUP	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

<sup>UJ</sup> = Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

**Table 6B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE	NE
			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	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	N	N	N	N		
4	MW-44	12/10/2020	0.033	< 0.0010	< 0.00024	0.001	< 0.058	<b>0.42</b>	0.037	<u>0.076</u>	388	< 14.7	<b>339</b>	<u>163</u>	< 1.2 <sup>UU</sup>	1.3	< 1.2	< 1.2	0.96 <sup>J</sup>				
4	MW-44	4/9/2021	0.033	< 0.0010	< 0.00024	0.00091 <sup>J</sup>	< 0.058	<u>0.20</u> <sup>J</sup>	0.023	<u>0.096</u>	384	< 14.7	<b>341</b>	<u>166</u>	< 1.2	1.3	< 1.2	< 1.2	< 0.66				
4	MW-44	12/8/2021	0.043	< 0.0010	< 0.00024	0.0023	< 0.058	< 0.058	<u>0.068</u>	<u>0.069</u>	396	25.9 <sup>J</sup>	<b>421</b>	<u>154</u>	< 1.2	1.2	< 0.39	< 0.25	< 0.58				
4	MW-44	1/12/2022	0.048	< 0.0010	< 0.00024	0.002	< 0.058	0.11 <sup>J</sup>	<u>0.12</u>	<u>0.16</u>	384	15.7 <sup>J</sup>	<b>506</b>	<u>145</u>	< 1.2	1.3	< 0.39	< 0.25	< 0.58				
4	MW-44	2/7/2022	0.043	< 0.0010	< 0.00024	0.0018	< 0.058	<b>1.6</b>	0.036	<b>0.43</b>	370	< 14.7	<b>476</b>	<u>132</u>	< 1.2	1.1	< 0.39	< 0.25	< 0.58				
4	MW-65	12/10/2020	0.30	< 0.0010	< 0.00024	0.0032	<b>0.76</b>	<b>1.1</b>	<u>0.12</u>	<u>0.12</u>	451	41.7 <sup>J</sup>	<b>1080</b>	109	< 1.2 <sup>UU</sup>	3.8	< 1.2	< 1.2	67.3				
4	MW-65	4/9/2021	0.13	< 0.0010	< 0.00024	0.0019	<b>4.6</b>	<b>27.8</b>	<b>0.44</b>	<b>0.55</b>	487	23.7 <sup>J</sup>	<b>482</b>	<u>136</u>	< 1.2	3.9	< 1.2	< 1.2	16.3				
4	MW-65	12/8/2021	<u>0.63</u>	< 0.0020	< 0.00047	< 0.00057	<b>27.9</b>	<b>33.2</b>	<u>0.079</u>	<u>0.068</u>	494	377	<b>965</b>	< 8.9	< 1.2	103	40.8	45.8	281				
4	MW-65	1/11/2022	0.25	0.0011 <sup>J</sup>	< 0.00024	< 0.00028	<b>12.3</b>	<b>12.7</b>	0.043	0.044	436	65.5	<b>929</b>	40.3	< 1.2	19.6	16.9	16.5	136				
4	MW-65	2/7/2022	0.27	< 0.0010	< 0.00024	< 0.00028	<b>13.3</b>	<b>14.7</b>	<u>0.092</u>	<u>0.097</u>	419	30.3 <sup>J</sup>	<b>884</b>	48.8	< 1.2	4.2	10.8	9.2	110				
4	MW-65	4/25/2022	0.26	< 0.0010	< 0.00024	0.00045 <sup>J</sup>	<b>17</b>	<b>16.9</b>	<u>0.26</u>	<u>0.26</u>	563 <sup>J</sup>	34.7 <sup>J</sup>	<b>833</b>	<u>148</u>	< 1.2 <sup>UU</sup>	2.9	0.82 <sup>J</sup>	1.0 <sup>J</sup>	44.5				
4	MW-65	7/26/2022	<u>0.7</u>	< 0.0010	< 0.00024	0.00060 <sup>J</sup>	<b>16.1</b>	<b>17.4</b>	<b>0.35</b>	<b>0.35</b>	540 <sup>J</sup>	28.1 <sup>J</sup>	<b>855<sup>JA</sup></b>	120 <sup>JA</sup>	< 1.2	2	0.62 <sup>J</sup>	2.7 <sup>J</sup>	89.7				
4	MW-65	10/25/2022	<u>1.2</u>	< 0.0010	< 0.00024	< 0.00028	<b>36.3</b>	<b>34.5</b>	<u>0.14</u>	<u>0.15</u>	609	96.2	<b>1140</b>	5.6 <sup>J</sup>	< 1.2	27.8	5.5 <sup>J</sup>	293	702				
4	MW-65	1/25/2023	<u>0.99</u>	< 0.0010	< 0.00024	< 0.00028	<b>15.4</b>	<b>17.9</b>	<u>0.19</u>	<u>0.18</u>	574	77.1	<b>1170</b>	19.0 <sup>J</sup>	< 1.2	1.6	2.2 <sup>J</sup>	481	1830				
4	MW-65R	4/25/2023	<u>0.54</u>	< 0.0010	< 0.00024	0.0012	<b>13.8</b>	<b>15.7</b>	<b>0.33</b>	<b>0.36</b>	596	81.4	<b>613</b>	<u>228</u>	< 1.2	27.1	2.4 <sup>J</sup>	318	522				
4	MW-65R	7/24/2023	<u>0.86</u>	< 0.0010	< 0.00024	0.00043 <sup>J</sup>	<b>6.5</b>	<b>8.7</b>	<u>0.21</u>	<u>0.24</u>	576	34.8 <sup>J</sup>	<b>1030</b>	88	< 1.2	4.2	4.4 <sup>J</sup>	467	2200				
4	MW-65R	10/17/2023	0.37	< 0.0010	< 0.00024	0.0038	<b>4.9</b>	<b>5.2</b>	<b>0.36</b>	<b>0.4</b>	564	15.9 <sup>J</sup>	<b>660</b>	<b>291</b>	< 1.2 <sup>UU</sup>	3.2	3.2 <sup>J</sup>	263	1140				
4	MW-79	4/7/2021	0.29	< 0.0051	<u>0.0018</u>	0.0017	<b>3.4</b>	<b>3.5</b>	<u>0.2</u>	<u>0.2</u>	433	79.9	<b>2080</b>	89.9	< 1.2	1.1	< 1.2	< 1.2	3.8				
4	MW-79	12/8/2021	0.24	< 0.0051	< 0.0012	< 0.0014	<b>3.7</b>	<b>3.9</b>	<u>0.16</u>	<u>0.17</u>	375	109	<b>2460</b>	90.0 <sup>J</sup>	< 1.2	0.98	< 0.39	< 0.25	6.3				
4	MW-79	1/11/2022	0.33	< 0.0010	< 0.00024	< 0.00028	<b>3.8</b>	<b>4.3</b>	<u>0.21</u>	<u>0.22</u>	386	87.4	<b>2540</b>	87.1	< 1.2	1.3	< 0.39	< 0.25	3.1				
4	MW-79	2/7/2022	0.24	< 0.0010	< 0.00024	< 0.00028	<b>3.3</b>	<b>4.1</b>	<u>0.17</u>	<u>0.18</u>	359	72.1	<b>2450</b>	53.2 <sup>J</sup>	< 1.2	0.42 <sup>J</sup>	< 0.39	< 0.25	3.4				
4	MW-80	4/7/2021	0.24	< 0.0020	0.00073	0.0018	<b>2.5</b>	<b>3.3</b>	<u>0.11</u>	<u>0.12</u>	457	48.4 <sup>J</sup>	<b>667</b>	75.6	< 1.2	4.2	< 1.2	< 1.2	35.0				
4	MW-80	12/8/2021	0.25	< 0.0010	< 0.00024	0.00089 <sup>J</sup>	<b>2.6</b>	<b>4.8</b>	0.052	<u>0.067</u>	451	45.7 <sup>J</sup>	<b>650</b>	73.8	< 1.2	2.8	< 0.39	< 0.25	14.6				
4	MW-80	1/11/2022	0.27	< 0.0010	< 0.00024	0.0021	<b>3.1</b>	<b>3.5</b>	<u>0.066</u>	<u>0.067</u>	450	17.1 <sup>J</sup>	<b>611</b>	73.1	< 1.2	2.9	< 0.39	< 0.25	11.0				
4	MW-80	2/7/2022	0.24	< 0.0010	< 0.00024	0.0011	<b>2.8</b>	<b>3.3</b>	<u>0.061</u>	<u>0.065</u>	440	19.3 <sup>J</sup>	<b>575</b>	59.9	< 1.2	2.4	< 0.39	< 0.25	15.4				
4	MW-81	4/7/2021	0.18	< 0.0051	< 0.0012	< 0.0014	<b>4.8</b>	<b>5.7</b>	<u>0.21</u>	<u>0.21</u>	485	37.2 <sup>J</sup>	<b>984</b>	103	< 1.2	2.0	< 1.2	< 1.2	20.1				
4	MW-81	12/8/2021	0.15	< 0.0010	< 0.00024	< 0.00028	<b>4.8</b>	<b>4.8</b>	<u>0.17</u>	<u>0.17</u>	455	45.7 <sup>J</sup>	<b>771</b>	<u>126</u>	< 1.2	1.9	< 0.39	< 0.25	0.64 <sup>J</sup>				
4	MW-81	1/11/2022	0.15	< 0.0010	< 0.00024	< 0.00028	<b>4.8</b>	<b>5.3</b>	<u>0.17</u>	<u>0.18</u>	474	< 14.7	<b>706</b>	122	< 1.2	2.0	< 0.39	< 0.25	3.4				
4	MW-81	2/7/2022	0.15	< 0.0010	< 0.00024	< 0.00028	<b>2.1</b>	<b>5.9</b>	<u>0.17</u>	<u>0.18</u>	448	38.8 <sup>J</sup>	<b>706</b>	116	< 1.2	1.9	< 0.39	< 0.25	< 0.58				

**Table 6B**  
**Select Metals and Geochemical Parameters in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE	NE
			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	mg/L	mg/L	mg/L	mg/L	ug/L	ug/L	ug/L
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	N	N	N			
4	MW-82	4/7/2021	<u>0.45</u>	< 0.0051	< 0.0012	< 0.0014	<b>3.7</b>	<b>4.1</b>	<u>0.15</u>	<u>0.15</u>	437	64.1	<b>1330</b>	62.7	< 1.2	4.2	< 1.2	< 1.2	< 1.2	70.7			
4	MW-82	12/8/2021	<u>0.64</u>	< 0.0020	< 0.00047	< 0.00057	<b>139</b>	<b>159</b>	<u>0.74</u>	<u>0.78</u>	1650	2980	<b>439</b>	31.7 <sup>J</sup>	< 4.8	1070	8.1	11.2	1090				
4	MW-82	1/12/2022	0.17	< 0.0010	< 0.00024	< 0.00028	<b>44.4</b>	<b>20.6</b>	<b>0.51</b>	<u>0.24</u>	297	494	<u>170</u>	< 2.2	< 1.2	172	25.2	33.9	1810				
4	MW-82	2/7/2022	0.27	< 0.0010	< 0.00024	< 0.00028	<b>54.8</b>	<b>41.5</b>	<b>0.44</b>	<b>0.32</b>	610	1050	<u>196</u>	< 4.4	< 1.2	337	43.2	55.1	5190				
4	MW-82	4/26/2022	0.027	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>13.3</b>	0.018	0.055	565 <sup>J-</sup>	306	<b>352</b>	< 4.4	< 1.2	12.3	8.9	9.7	3000				
4	MW-82	7/26/2022	0.018	< 0.0010	< 0.00024	0.00038 <sup>J</sup>	< 0.058	<b>45.2</b>	0.013	<b>0.31</b>	259 <sup>J-</sup>	2230 <sup>J</sup>	<u>139</u>	18.2 <sup>J+</sup>	< 23.9	6.0 <sup>J-</sup>	13.4	13.3	5640				
4	MW-82	10/25/2022	0.013	< 0.0010	< 0.00024	0.0006 <sup>J</sup>	0.072 <sup>J</sup>	<b>4.4</b>	0.038	0.055	172	28.4 <sup>J</sup>	38.4	6.6 <sup>J</sup>	< 12.0	4.2	45.5 <sup>J</sup>	7.3	9760 <sup>J</sup>				
4	MW-82	1/24/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	232	NA	NA	< 1.2	1.3	20.8	4.6 <sup>J</sup>	5360 <sup>J</sup>				
4	MW-82	1/25/2023	0.064	< 0.0010	< 0.00024	0.00080 <sup>J</sup>	<u>0.18<sup>J</sup></u>	<b>4.2</b>	<u>0.14<sup>J</sup></u>	<u>0.11<sup>J</sup></u>	405 <sup>J</sup>	NA	<b>629</b>	29.5	NA	NA	NA	NA	NA				
4	MW-82	4/25/2023	0.072	< 0.0010	< 0.00024	< 0.00028	<b>0.67<sup>J</sup></b>	<b>1.3</b>	<u>0.078<sup>J</sup></u>	<u>0.059<sup>J</sup></u>	212	47.5 <sup>J</sup>	<b>1110</b>	9.7 <sup>J</sup>	1.8 <sup>J-</sup>	1.5	4.0 <sup>J</sup>	1.5 <sup>J</sup>	1420				
4	MW-82	7/25/2023	0.023	< 0.0010	0.00044 <sup>J</sup>	0.00069 <sup>J</sup>	<b>1.3<sup>J</sup></b>	<b>21.3<sup>J</sup></b>	0.024 <sup>J</sup>	<u>0.20<sup>J</sup></u>	365	62.3	<b>256</b>	11.9	< 1.2	3.5	6.4 <sup>J</sup>	1.8 <sup>J</sup>	2280 <sup>J</sup>				
4	MW-82	10/17/2023	0.013	< 0.0010	0.00065 <sup>J</sup>	0.00034 <sup>J</sup>	<b>1.1<sup>J</sup></b>	<b>5.8<sup>J</sup></b>	<u>0.073<sup>J</sup></u>	<u>0.097</u>	263	41.0 <sup>J</sup>	32.6	10.6	< 1.2 <sup>UU</sup>	1.3	5.5 <sup>J</sup>	0.67 <sup>J</sup>	2000				
4	MW-82 DUP	4/26/2022	0.028	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>14.5</b>	0.019	<u>0.067</u>	478 <sup>J-</sup>	244	<b>350</b>	< 4.4	< 1.2	12.6	3.8 <sup>J</sup>	4.0 <sup>J</sup>	4650				
4	MW-82 DUP	7/26/2022	0.018	0.0022 <sup>J</sup>	< 0.00024	0.0014 <sup>J</sup>	< 0.058	<b>38.7</b>	0.013	<u>0.25</u>	< 372 <sup>UU</sup>	3640 <sup>J</sup>	<u>126</u>	10.3 <sup>J+</sup>	28.0 <sup>J</sup>	8.0 <sup>J-</sup>	15.4	16.2	5180				
4	MW-82 DUP	10/25/2022	0.012	< 0.0010	< 0.00024	0.00054 <sup>J</sup>	0.074 <sup>J</sup>	<b>5.3</b>	0.035	<u>0.06</u>	175	62.3	47.9	6.2 <sup>J</sup>	< 12.0	4.1	24.8 <sup>J</sup>	2.6 <sup>J</sup>	5080 <sup>J</sup>				
4	MW-82 DUP	1/24/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	623	NA	NA	< 1.2	1.2	24.5	5.4	7750 <sup>J</sup>				
4	MW-82 DUP	1/25/2023	0.072	< 0.0010	< 0.00024	0.00081 <sup>J</sup>	<u>0.15<sup>J</sup></u>	<b>4.6</b>	<u>0.15</u>	<u>0.12</u>	258 <sup>J</sup>	NA	<b>541</b>	26.9	NA	NA	NA	NA	NA				
4	MW-82 DUP	4/25/2023	0.077	0.0030 <sup>J</sup>	0.00025 <sup>J</sup>	0.00050 <sup>J</sup>	<b>1.1<sup>J</sup></b>	<b>1.3</b>	<u>0.086<sup>J</sup></u>	<u>0.063<sup>J</sup></u>	207	32.6 <sup>J</sup>	<b>1100</b>	7.8 <sup>J</sup>	< 1.2 <sup>UU</sup>	1.5	17.5 <sup>J</sup>	7.7 <sup>J</sup>	6450 <sup>J</sup>				
4	MW-82 DUP	7/25/2023	0.024	< 0.0010	< 0.00024	0.00049 <sup>J</sup>	<b>0.42<sup>J</sup></b>	<b>2.9<sup>J</sup></b>	0.046 <sup>J</sup>	<u>0.055<sup>J</sup></u>	323	43.2 <sup>J</sup>	<u>199</u>	10.4	< 1.2	3.6	15.9 <sup>J</sup>	3.4 <sup>J</sup>	5400 <sup>J</sup>				
4	MW-82 DUP	10/17/2023	0.01	< 0.0010	0.00042 <sup>J</sup>	0.00040 <sup>J</sup>	<b>0.42<sup>J</sup></b>	<b>3.9<sup>J</sup></b>	0.049 <sup>J</sup>	<u>0.077</u>	212	34.5 <sup>J</sup>	30.7	10.4	< 1.2 <sup>UU</sup>	1.1	6.7	1.0 <sup>J</sup>	2340				
4	PZ-82	10/6/2021	0.074	< 0.0010	< 0.00024	0.00034 <sup>J</sup>	< 0.058	<b>2.0</b>	<u>0.16</u>	<u>0.2</u>	143	23.7 <sup>J</sup>	64.6	<u>171</u>	< 1.2	2.7	< 0.39	< 0.25	30.5				
4	PZ-82	12/8/2021	<u>0.42</u>	< 0.0010	< 0.00047	0.0012	<b>38.4</b>	<b>48.3</b>	<b>1.3</b>	<b>1.4</b>	1350	2900	56.8	11.2 <sup>J</sup>	< 1.2	922	6.0	9.0	447				
4	PZ-82	1/12/2022	<u>0.48</u>	< 0.0010	< 0.00024	< 0.00028	<b>57.1</b>	<b>53.8</b>	<b>1.4</b>	<b>1.3</b>	1310	2130	59.4	< 2.2	< 12.0	745	4.1 <sup>J</sup>	7.0	487				
4	PZ-82	2/7/2022	0.3	< 0.0010	< 0.00024	< 0.00028	<b>18.5</b>	<b>20.6</b>	<b>0.62</b>	<b>0.64</b>	912	1400	55.7	< 2.2	< 1.2	453	9.4	13.7	964				
4	MW-108	12/10/2020	0.12	< 0.0010	< 0.00024	0.0021	< 0.058	0.062 <sup>J</sup>	< 0.0012	0.012	452 <sup>J-</sup>	43.9 <sup>J</sup>	<b>1110</b>	116	< 1.2 <sup>UU</sup>	1.1	< 1.2	< 1.2	0.75 <sup>J</sup>				
4	MW-108	4/9/2021	0.37	< 0.0051	< 0.0012	0.0034 <sup>J</sup>	< 0.29	<b>0.75</b>	0.0087 <sup>J</sup>	0.028	335	226	<b>4810</b>	120	< 1.2	1.7 <sup>J</sup>	< 1.2	< 1.2	< 0.66				
4	MW-108	12/8/2021	0.17	< 0.0051	< 0.0012	0.0049 <sup>J</sup>	< 0.29	< 0.29	< 0.0061	< 0.0061	420	226	<b>4110</b>	<u>142<sup>J</sup></u>	< 1.2	0.86 <sup>J</sup>	< 0.39	< 0.25	< 0.58				
4	MW-108	1/11/2022	0.18	< 0.0020	< 0.00047	0.0055	< 0.12	0.13 <sup>J</sup>	0.0040 <sup>J</sup>	0.019	380	101	<b>4450</b>	<u>183</u>	< 1.2	0.26 <sup>J</sup>	< 0.39	0.33 <sup>J</sup>	< 0.58				
4	MW-108	2/7/2022	0.16	< 0.0010	< 0.0012	0.0061	< 0.058	0.080 <sup>J</sup>	0.0055	0.014	342	199	<b>4670</b>	<u>148<sup>J</sup></u>	< 1.2	0.25 <sup>J</sup>	< 0.39	< 0.25	< 0.58				

Notes:  
mg/L = milligrams per liter  
ug/L = micrograms per liter  
NA = Not Analyzed  
NE = Not Established  
<sup>J</sup> = Estimated value (+/- indicated the direction of bias)  
<sup>UU</sup> = Reported quantitation limit is approximate  
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.  
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.



**Table 7**  
**Detected Volatile Organic Compounds in Groundwater**  
**KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-101	1/23/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-101	5/20/2014	0.63 <sup>J</sup>	0.25 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-101	9/29/2014	1.2	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-101	12/5/2014	0.78 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-101	9/22/2015	0.99 <sup>J</sup>	0.42 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-101	4/15/2016	0.51 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-101	11/28/2016	0.79 <sup>J</sup>	0.65 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-101	5/16/2018	0.86 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-101	10/17/2018	0.82 <sup>J</sup>	0.35 <sup>J</sup>	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-101	4/16/2019	0.67 <sup>J</sup>	0.27 <sup>J</sup>	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-101	10/8/2019	1.1	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-101	4/14/2020	0.49 <sup>J</sup>	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-101	11/3/2020	0.39 <sup>J</sup>	0.61 <sup>J</sup>	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-101	4/5/2021	0.47 <sup>J</sup>	0.29 <sup>J</sup>	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-101	10/25/2021	< 0.30	0.60 <sup>J</sup>	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-101	4/25/2022	0.43 <sup>J</sup>	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-101	10/25/2022	< 0.30	0.34 <sup>J</sup>	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-101	4/25/2023	0.39 <sup>J</sup>	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-101	10/18/2023	0.88 <sup>J</sup>	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-102	1/26/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-102	1/26/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-102	5/16/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-102	9/29/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102	3/25/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102	9/24/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102	12/15/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	0.23 <sup>J</sup>	
MW-102	4/15/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-102	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	1.7	< 0.17	
MW-102	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	0.62 <sup>J</sup>	< 0.17	
MW-102	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	0.35 <sup>J</sup>	< 1.1	0.47 <sup>J</sup>	< 0.17	

**Table 7**  
**Detected Volatile Organic Compounds in Groundwater**  
**KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-102	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-102	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-102	4/5/2021	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-102	10/25/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-102	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-102	10/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-102	4/25/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-102	10/18/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-102 DUP	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-102 DUP	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-103	5/16/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-103	9/29/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-103	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-103	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-103	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-103	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-103	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-103	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-103	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-103	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-103	4/5/2021	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-103	10/25/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-103	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-103	10/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-103	4/25/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-103	10/18/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-105	1/24/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-105	4/16/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-105	5/20/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-105	9/30/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-105	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-105	9/22/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-105	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-105	11/28/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	

**Table 7  
Detected Volatile Organic Compounds in Groundwater  
KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-105	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-105	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-105	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-105	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-105	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-105	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-105	4/5/2021	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-105	10/26/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.40<sup>J</sup></b>	
MW-105	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	<b>4.1<sup>J</sup></b>	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.60<sup>J</sup></b>	
MW-105	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	<b>1.6<sup>J</sup></b>	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.36<sup>J</sup></b>	
MW-105	4/25/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-105	10/17/2023	< 0.30	< 0.30	< 0.58	< 1.2	<b>2.2<sup>J</sup></b>	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-107	7/15/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-107	9/24/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-107	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-107	3/25/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-107	11/28/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-107	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-107	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-107	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-107	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-107	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-107	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-107	4/5/2021	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-107	10/26/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-107	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-107	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-107	4/25/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-107	10/17/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-109	6/5/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-109	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-109	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-109	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-109	4/15/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-109	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	

**Table 7**  
**Detected Volatile Organic Compounds in Groundwater**  
**KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-109	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-109	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-109	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-109	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-109	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-109	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-109	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-109	10/26/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-109	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-109	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-109	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-109	10/17/2023	Well	Damaged											
MW-110	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-110	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-110	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-110	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-110	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-110	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-110	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-110	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-110	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-110	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-110	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-110	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-110	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-110	10/26/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-110	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-110	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-110	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-110	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-111	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-111	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-111	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-111	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-111	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	

**Table 7**  
**Detected Volatile Organic Compounds in Groundwater**  
**KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-111	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-111	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-111	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-111	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-111	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-111	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-111	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-111	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-111	10/26/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-111	4/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-111	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-111	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-111	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-112	11/3/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	1.3	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-112	5/21/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-112	9/24/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-112	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-112	9/22/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-112	4/15/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-112	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-112	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-112	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-112	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-112	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-112	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-112	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-112	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-112	10/26/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-112	4/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-112	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-112	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-112	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-115	8/18/2011	< 0.9	< 0.75	< 0.57	1.3	< 0.97	0.4 <sup>J</sup>	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-115	4/9/2012	1.6	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-115	5/28/2014	1.2	0.42 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	

**Table 7  
Detected Volatile Organic Compounds in Groundwater  
KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-115	9/29/2014	0.91 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-115	12/4/2014	0.71 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-115	9/22/2015	0.98 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-115	4/15/2016	0.77 <sup>J</sup>	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-115	11/28/2016	0.71 <sup>J</sup>	0.27 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-115	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-115	10/17/2018	0.72 <sup>J</sup>	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-115	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-115	10/9/2019	0.53 <sup>J</sup>	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-115	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-115	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-115	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-115	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-115	4/25/2022	0.31 <sup>J</sup>	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-115	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-115	4/25/2023	0.41 <sup>J</sup>	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-115	10/18/2023	0.40 <sup>J</sup>	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-116	11/8/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-116	4/11/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
MW-116	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-116	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-116	12/2/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-116	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-116	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-116	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-116	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-116	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-116	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-116	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-116	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-116	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-116	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-116	10/27/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	

**Table 7  
Detected Volatile Organic Compounds in Groundwater  
KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
		ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2
MW-116	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-116	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-116	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-116	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-116	11/8/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
PZ-116	4/11/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
PZ-116	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
PZ-116	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
PZ-116	12/2/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
PZ-116	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.30<sup>J</sup></b>	
PZ-116	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.32<sup>J</sup></b>	
PZ-116	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.40<sup>J</sup></b>	
PZ-116	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	<b>0.76<sup>J</sup></b>	
PZ-116	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	<b>0.32<sup>J</sup></b>	
PZ-116	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	<b>0.61<sup>J</sup></b>	
PZ-116	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	<b>0.87<sup>J</sup></b>	
PZ-116	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	<b>0.69<sup>J</sup></b>	
PZ-116	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	<b>0.64<sup>J</sup></b>	
PZ-116	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.20<sup>J</sup></b>	
PZ-116	10/27/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.56<sup>J</sup></b>	
PZ-116	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.65<sup>J</sup></b>	
PZ-116	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.28<sup>J</sup></b>	
PZ-116	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-116	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>0.58<sup>J</sup></b>	
PZ-116 DUP	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	<b>0.65<sup>J</sup></b>	
PZ-116 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-116 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-116 DUP	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>0.57<sup>J</sup></b>	
MW-117	5/21/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
MW-117	9/24/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-117	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	

**Table 7**  
**Detected Volatile Organic Compounds in Groundwater**  
**KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Sample Date	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		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)
		PAL	40	85	0.7	1	80	3	7	5	0.5	20	0.5	0.02
ES	200	850	7	10	400	30	70	0.5	5	100	5	0.2		
MW-117	3/24/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-117	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-117	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-117	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
MW-117	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
MW-117	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-117	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-117	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
MW-117	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-117	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
MW-117	4/6/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-117	10/27/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-117 DUP	10/27/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-117	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-117	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-117	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-117	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117	5/21/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	<b>0.64</b> <sup>J</sup>	
PZ-117	9/24/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.95</b> <sup>J</sup>	
PZ-117	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.95</b> <sup>J</sup>	
PZ-117	3/24/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
PZ-117	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.66</b> <sup>J</sup>	
PZ-117	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.51</b> <sup>J</sup>	
PZ-117	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	<b>0.29</b> <sup>J</sup>	
PZ-117	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.17	< 0.50	< 0.26	< 0.33	< 0.18	
PZ-117	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
PZ-117	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 1.1	< 0.26	< 0.17	
PZ-117	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
PZ-117	11/3/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
PZ-117	4/7/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117	10/27/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117	4/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117	10/24/2022	< 0.30 <sup>UJ</sup>	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 1.2 <sup>UJ</sup>	< 1.4 <sup>UJ</sup>	< 1.6 <sup>UJ</sup>	< 0.47 <sup>UJ</sup>	< 1.1 <sup>UJ</sup>	< 0.41 <sup>UJ</sup>	< 0.53 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.17 <sup>UJ</sup>	
PZ-117	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	



**Table 7  
Detected Volatile Organic Compounds in Groundwater  
KEP Perimeter Monitoring Wells and Piezometers**

Sample Location	Units	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Bromo methane	Chloro ethane	Chloro methane	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	
		(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	ES											
	Sample Date													
PZ-117 DUP	4/7/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117 DUP	10/27/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117 DUP	10/24/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
PZ-117 DUP	10/16/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-206	4/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-206	10/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
MW-206	4/25/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	
MW-206	10/17/2023	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17	

Notes:

ug/L = micrograms per liter                      MW-69R, PZ-69R, MW-70R and MW-71R were abandoned on September 11, 2023

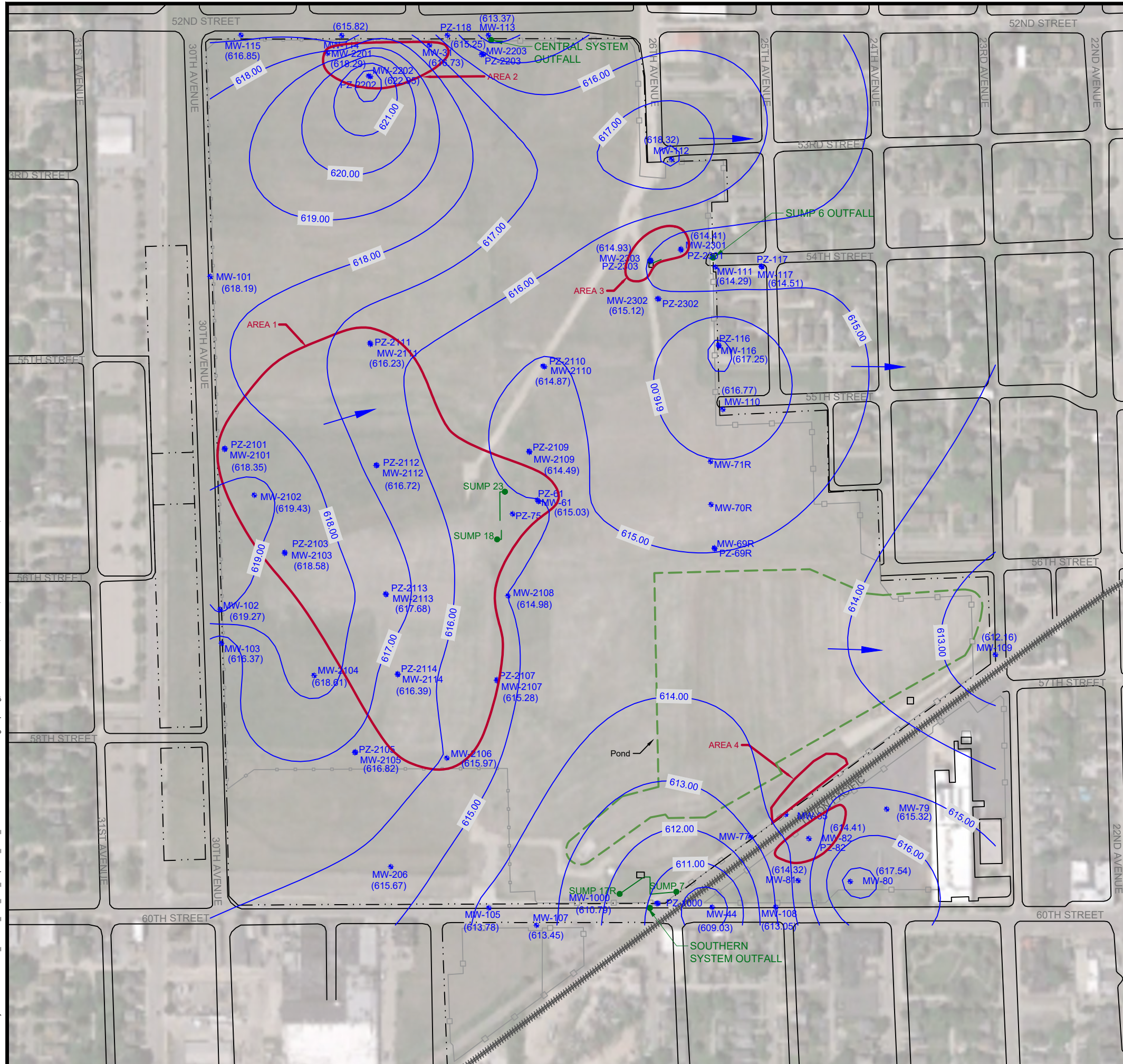
<sup>J</sup> = Estimated value (+/- indicated the direction of bias)

<sup>UJ</sup> = Reported quantitation limit is approximate

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, March 2023 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, March 2023 exceedances are **bold**.

File: L:\DCS\Projects\ENV\60705270\_2024-24\_KEP\_GW\_Smpl\100\_CAD\_GIS\CAD\KEP - GW Rem Design\Plot.dwg, USER: SCHOLZ, CAROLYN, PLOTTED: November 22, 2023 - 12:41 PM



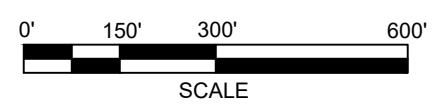
- LEGEND**
- APPROXIMATE SITE BOUNDARY
  - ++++ RAILROAD
  - EXISTING FENCE
  - SUMPS AND SANITARY OUTFALLS
  - SUMP UTILITY LINES
  - MONITORING WELLS AND PIEZOMETERS
  - REMEDIAL TREATMENT AREAS
  - (614.93) GROUNDWATER ELEVATIONS
  - 615.00 — GROUNDWATER CONTOUR (INTERVAL AT 1.0 FT.)
  - GROUNDWATER FLOW DIRECTION

- NOTES**
1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 5/28/2021; DOWNLOADED ON 8/30/2021.
  2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2018 AERIAL.



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GROUNDWATER ELEVATIONS CONTOUR MAP (MONITORING WELLS)  
 OCTOBER 2023  
 KENOSHA ENGINE PLANT  
 CITY OF KENOSHA  
 KENOSHA, WISCONSIN



Drawn :	CAS 1/27/2023
Checked:	LLA 11/27/2023
Approved:	LLA 11/27/2023
PROJECT NUMBER	60705270
FIGURE NUMBER	1



File: L:\DCS\Projects\ENV\60705270\_2024-24\_KEP\_GW\_Smpl\1000\_CAD\_GIS\CAD\KEP - GW Rem Design\Plt.dwg, USER: SCHOLZ, CAROLYN, PLOTTED: November 29, 2023 - 9:21 AM



**LEGEND**

- APPROXIMATE SITE BOUNDARY
- ++++ RAILROAD
- EXISTING FENCE
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- MONITORING WELLS AND PIEZOMETERS
- REMEDIAL TREATMENT AREAS
- (614.85) GROUNDWATER ELEVATIONS
- 615.00 GROUNDWATER CONTOUR (INTERVAL AT 1.0 FT.)
- GROUNDWATER FLOW DIRECTION

**NOTES**

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 5/28/2021; DOWNLOADED ON 8/30/2021.
2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2018 AERIAL.

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**GROUNDWATER ELEVATIONS CONTOUR MAP (PIEZOMETERS)**  
OCTOBER 2023  
KENOSHA ENGINE PLANT  
CITY OF KENOSHA  
KENOSHA, WISCONSIN

Drawn:	CAS	11/27/2023
Checked:	LLA	11/27/2023
Approved:	LLA	11/27/2023
PROJECT NUMBER	60705270	
FIGURE NUMBER	2	

0' 150' 300' 600'  
SCALE

## Memorandum

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Date: November 15, 2023  
To: Lanette Altenbach, Project Manager (PG)  
From: Lisa Smith, Environmental Chemist (CEAC)  
Subject: Data Validation - Analytical Results for Groundwater Samples  
Former Kenosha Engine Plant  
Kenosha, Wisconsin

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### SUMMARY

Data validation was performed on the analytical results for the groundwater samples collected at the Kenosha, WI site on October 16 through 19, 2023. Sixty-three groundwater samples, 9 field duplicates, and 2 trip blanks were submitted to Pace Analytical, Green Bay for analysis. Pace processed the samples and reported the results under sample delivery group (SDG) 40269928.

The analytical data were evaluated with reference to the United States Environmental Protection Agency (USEPA) National Functional Guidelines for Superfund Organic Methods Data Review (November 2020), and National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020). The National Functional Guidelines were modified to accommodate the non-CLP methodology. Laboratory control limits and/or method criteria were used as appropriate as the basis for validation actions.

Based on the results of the validation, the data are valid as reported and may be used for decision making purpose. A limited number of results were qualified as estimated (UJ, J, and J +/-) due to QC exceedances. Detailed discussions of the qualifications are included below and summarized in Table 1. Data validation qualifiers override any assigned laboratory data flags. Results reported below the limit of quantitation (LOQ) were qualified as estimated (J) by the laboratory; qualifications of these results were accepted by the validator, but are not shown in Table 1.

### METHODS

The samples were analyzed by the methods listed below.

Analyte Group	Method	Number of Samples
VOCs	SW-846 8260	63 Groundwater Sample 9 Field Duplicates 2 Trip Blanks
Methane, Ethene, Ethane (MEE)	SW8015B Modified	28 Groundwater Samples 7 Field Duplicates
Dissolved and Total Metals	SW6020B	
Alkalinity	EPA 310.2	
Anions (chloride and sulfate)	EPA 300.0	
Chemical Oxygen Demand (COD)	EPA 410.4	
Sulfide	SM 4500-S F	
Total organic carbon (TOC)	SM 5310C	



## REVIEW ELEMENTS

Limited data validation was performed on the samples. Quality control (QC) parameters listed below were reviewed, if applicable to the methodology.

### Limited Validation

Holding Times  
Method Blanks  
Trip Blanks  
Surrogate Recoveries  
Laboratory Control Samples  
Matrix Spikes/Matrix Spike Duplicates  
Field Duplicates

## DISCUSSION

### Sample Receipt

Samples were received at the laboratory intact, properly preserved, in good condition, and at temperatures  $\leq 6.0$  °C, except as noted below.

The post analysis pH measurement for VOC and methane/ethane/ethene (MEE) samples PZ-2101, PZ-2103, PZ-2103D, and PZ-2111 indicate insufficient preservation. These samples were analyzed 1 to 2 days over the 7-day hold time for unpreserved samples, with the exception VOC samples PZ-2103 and PZ-2103D. Detects for samples with hold time exceedances were qualified as estimated biased low (J-), and nondetects were qualified UJ.

Review of the chain of custodies (CoCs) and login reports found the following items:

- The collection time on one label for trip blank sample TB-02 did not match the collection time on the CoC.

### Holding Times

Samples were extracted and analyzed within holding times, with the exception of those discussed under sample receipt.

### Method Blanks

Laboratory blanks are analyzed to assess contamination from laboratory procedures. Method blanks were analyzed at the correct frequency. Analytes were not detected in the associated method blanks.

### Trip Blanks

Trip blanks are used to assess contamination during sample shipping. Two trip blanks were associated with the VOC samples. Compounds were not detected in the trip blanks.

### Surrogate Recoveries

Surrogates are spiked into all field samples, field QC samples, and method QC samples and are used to evaluate accuracy. The surrogates are organic compounds similar to the target compounds in chemical composition and behavior in the analytical process, but are not usually found in environmental samples. Surrogate recoveries were reported for VOCs (8260) and were within the laboratory specified QC limits.

### Laboratory Control Samples (LCSs)

LCSs are analyzed to monitor the accuracy of the analytical method independent of matrix effects. The LCS recoveries were within the laboratory specified QC limits.

Two LCS/LCSDs were reported for method SW8015B Modified, and the recoveries and relative percent differences (RPDs) were within the laboratory specified QC limits.

### Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

MS/MSDs are analyzed to determine the effects of sample matrix on the measurement methodology. Samples were not selected per chain-of-custody (CoC) for MS/MSD analysis; however, the laboratory provided MS/MSD data from batch analysis. Project samples analyzed as MS/MSDs are summarized below. Non-project MS/MSDs were not applicable and were not evaluated.

- VOCs: MW-108, MW-112, PZ-2302
- Dissolved Metals: MW-2106, MW-2114
- Total Metals: MW-2106, MW-2114
- Methane/Ethane/Ethene: PZ-2114
- Alkalinity: MW-2112, MW-2301, PZ-2301
- Chloride, Sulfate: MW-82D, MW-2107, MW-2112, PZ-2111
- COD: MW-61D, MW-65, MW-2106, MW-2114, PZ-2113, PZ-61
- Sulfide: MW-82
- TOC: MW-2101, MW-2102, MW-2106, MW-2114

MS/MSD recoveries and relative percent differences (RPDs) were within acceptable limits, with the exception of those listed in bold below.

Sample ID	Analyte	% Recovery	Recovery Limits	Qualifiers
MW-82 (batch 458415)	Sulfide	<b>64/63</b>	80-120	Associated detects were qualified as estimated biased low (J-), and nondetects were qualified UJ:  MW-31            MW-65 MW-82            MW-82D MW-2101        MW-2102 MW-2107        MW-2110 MW-2111        MW-2113 MW-2201        MW-2201D MW-2301        MW-2301D MW-2303        PZ-2107 PZ-2113        PZ-2301 PZ-2301D       PZ-2303
MW-2106	Calcium	<b>126/71</b>	75-125	The sample concentration was greater than 4 times the spike concentration. No qualifiers.
	Magnesium	<b>98/68</b>	75-125	
MW-2112	Sulfate	<b>87/89</b>	90-110	The result for sample MW-2112 was qualified as estimated biased high (J+).  Note – qualification was limited to the spiked sample, as another MS/MSD within this batch was in control.
MW-2301D (batch 458518)	Alkalinity, Total as CaCO3	<b>92/87</b>	90-110	Associated results were qualified as estimated biased low (J-):  MW-2101        MW-2102 MW-2110        MW-2111

Sample ID	Analyte	% Recovery	Recovery Limits	Qualifiers
				MW-2301D MW-2303 PZ-2110 PZ-2111 PZ-2301D PZ-2303
PZ-2111	Chloride	110/ <b>123</b>	90-110	Detects for sample PZ-211 were qualified as estimated biased high (J+).  Note – qualification was limited to the spiked sample, as another MS/MSD within this batch was in control.
	Sulfate	108/ <b>116</b>	90-110	
PZ-2301	Alkalinity, Total as CaCO3	<b>117/113</b>	90-110	The result for sample PZ-2301 was qualified as estimated biased high (J+).  Note – qualification was limited to the spiked sample, as another MS/MSD within this batch was in control.

Bold indicates an exceedance

### Quantitation

Dilutions were required during analysis of the groundwater samples due to high sample concentrations.

Values for total and dissolved metals were reviewed to confirm that dissolved metals values were not greater than the total metals results by more the 20% (the amount of acceptable precision for metals laboratory analysis), or that values were within  $\pm$  LOQ. The table below lists results where the dissolved value was greater than the total result by more than 20%. Associated results were qualified as estimated (J).

Sample	Analyte	Units	LOQ (max)	Total	Dissolved	RPD
MW-2101	Iron	mg/L	0.50	41.1	53.6	26
PZ-2101	Iron	mg/L	5.0	304	385	24
PZ-2110	Iron	mg/L	0.058	1.5	2.1	33
MW-2111	Manganese	mg/L	0.0040	0.24	0.32	29
MW-2113	Manganese	mg/L	0.0081	0.035	0.062	56

### Field Duplicates

Field duplicates are collected to assess the overall precision of field sampling and laboratory analysis. Nine field duplicate samples were collected and field precision is summarized in the table below. RPDs for the field duplicate pairs were within the 30 percent limit, or the absolute difference of the values were within  $\pm$  the LOQ for values within 5 times the LOQ, except for those indicated in bold in the table below. Results associated with field imprecision were qualified as estimated (J).

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
<b>MW-61 / MW-61D:</b>					
Benzene	ug/l	10	12.0	10.6	12.4
cis-1,2-Dichloroethene	ug/l	10	1890	1960	3.6
trans-1,2-Dichloroethene	ug/l	10	14.4	7.7 J	$\pm$ LOQ
Trichloroethene	ug/l	10	11.4	11.8	3.4
Vinyl chloride	ug/l	10	1960	1900	3.1
Barium, dissolved	mg/L	0.0023	0.14	0.13	7.4

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Iron, total	mg/L	0.25	3.7	3.7	0
Iron, dissolved	mg/L	0.25	3.6	3.7	2.7
Manganese, total	mg/L	0.004	0.3	0.3	0
Manganese, dissolved	mg/L	0.004	0.28	0.28	0
Nickel, dissolved	mg/L	0.001	0.0016	0.001	± LOQ
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	25	203	204	0.5
Chemical Oxygen Demand	mg/L	52.6	32.4 J	40.9 J	23.2
Chloride	mg/L	40	89.4	92.7	3.6
Ethane	ug/l	5.6	29.5	35.8	19.3
Ethene	ug/l	5.0	369	457	21.3
Methane	ug/l	28	1750	1520	14.1
Sulfate	mg/L	40	466	456	2.2
Total organic carbon	mg/L	3.0	13.2	12.4	6.2
<b>MW-82 / MW-82D:</b>					
Barium, dissolved	mg/L	0.0023	0.013	0.010	26.1
Iron, dissolved	mg/L	0.25	1.1	0.42	> ± LOQ
Iron, total	mg/L	0.5	5.8	3.9	39.2
Lead, dissolved	mg/L	0.001	0.00065 J	0.00042 J	± LOQ
Manganese, dissolved	mg/L	0.004	0.073	0.049	39.3
Manganese, total	mg/L	0.0081	0.097	0.077	23
Nickel, dissolved	mg/L	0.001	0.00034 J	0.0004 J	16.2
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	125	263	212	21.5
Chemical Oxygen Demand	mg/L	50	41 J	34.5 J	17.2
Chloride	mg/L	10	32.6	30.7	6.0
Ethane	ug/l	5.6	5.5 J	6.7	19.7
Ethene	ug/l	5.0	0.67 J	1.0 J	± LOQ
Methane	ug/l	56	2000	2340	15.7
Sulfate	mg/L	10	10.6	10.4	1.9
Total organic carbon	mg/L	0.5	1.3	1.1	16.7
<b>MW-2103 / MW-2103D:</b>					
1,1-Dichloroethene	ug/l	2.0	1.2 U	0.63 J	--
cis-1,2-Dichloroethene	ug/l	2.0	170	183	7.4
trans-1,2-Dichloroethene	ug/l	2.0	1.1 U	1.2	--
Trichloroethene	ug/l	2.0	119	129	8.1
Vinyl chloride	ug/l	2.0	53.8	57.3	6.3
Barium, dissolved	mg/L	0.0023	0.064	0.064	0
Iron, total	mg/L	0.25	8.2	7.8	5.0
Iron, dissolved	mg/L	0.25	5.5	5.6	1.8



Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Manganese, total	mg/L	0.004	0.29	0.28	3.5
Manganese, dissolved	mg/L	0.004	0.28	0.28	0
Nickel, dissolved	mg/L	0.001	0.0052	0.0053	1.9
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	125	379	384	1.3
Chemical Oxygen Demand	mg/L	50	106	128	18.8
Chloride	mg/L	40	86.9	75.8	13.6
Ethane	ug/l	5.6	0.42 J	0.56 J	28.6
Ethene	ug/l	5.0	7.9	9.2	15.2
Methane	ug/l	2.8	110	132	18.2
Sulfate	mg/L	200	1830	1690	8.0
Total organic carbon	mg/L	3.0	28.5	29.7	4.1
<b>MW-2201 / MW-2201D:</b>					
1,1-Dichloroethane	ug/l	5.0	1.8 J	2.7	± LOQ
cis-1,2-Dichloroethene	ug/l	5.0	199	262	27.3
trans-1,2-Dichloroethene	ug/l	5.0	2.6 U	0.56 J	--
Vinyl chloride	ug/l	5.0	292	410	<b>33.6</b>
Barium, dissolved	mg/L	0.0023	0.067	0.065	3.0
Iron, dissolved	mg/L	0.25	8.3	7.2	14.2
Iron, total	mg/L	0.25	7.7	11.1	<b>36.2</b>
Manganese, dissolved	mg/L	0.004	0.11	0.1	9.5
Manganese, total	mg/L	0.004	0.11	0.12	8.7
Nickel, dissolved	mg/L	0.001	0.0013	0.001	26.1
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	50	451	411	9.3
Chemical Oxygen Demand	mg/L	50	32.4 J	14.7 U	--
Chloride	mg/L	20	60.9	49.7	20.3
Ethane	ug/l	5.6	7.9	16.7	<b>&gt; ± LOQ</b>
Ethene	ug/l	5.0	124	319	<b>88</b>
Methane	ug/l	70	2810	4140	<b>38.3</b>
Sulfate	mg/L	20	292	254	13.9
Total organic carbon	mg/L	1.5	4.0	2.2	<b>&gt; ± LOQ</b>
<b>MW-2301 / MW-2301D:</b>					
Barium, dissolved	mg/L	0.0023	0.084	0.086	2.4
Iron, dissolved	mg/L	0.25	9.8	9.7	1.0
Iron, total	mg/L	1.2	29.2	28.0	4.2
Manganese, dissolved	mg/L	0.004	0.083	0.085	2.4
Manganese, total	mg/L	0.02	0.12	0.11	8.7
Nickel, dissolved	mg/L	0.001	0.00055 J	0.00028 U	--
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	125	577	491	16.1

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Chemical Oxygen Demand	mg/L	50	30.2 J	32.4 J	7.0
Chloride	mg/L	10	6.6 J	6.3 J	4.7
Ethane	ug/l	5.6	14.7	13.4	9.3
Ethene	ug/l	5.0	44.6	42.2	5.5
Methane	ug/l	70	1440	2570	<b>56.4</b>
Sulfate	mg/L	10	47.9	48	0.2
<b>Total organic carbon</b>	mg/L	0.5	4.0	3.8	5.1
<b>PZ-116 / PZ-116D:</b>					
Vinyl chloride	ug/l	1.0	0.58 J	0.57 J	1.7
<b>PZ-2103 / PZ-2103D:</b>					
cis-1,2-Dichloroethene	ug/l	5000	64700	49200	27.2
Trichloroethene	ug/l	5000	597000	479000	21.9
Calcium, dissolved	mg/L	25.4	505	512	1.4
Iron, dissolved	mg/L	25	91	85.8	5.9
Iron, total	mg/L	50	111	96.2	14.3
Magnesium, dissolved	mg/L	25	201	84.2	<b>&gt; ± LOQ</b>
Manganese, dissolved	mg/L	0.4	1.0	1.1	9.5
Manganese, total	mg/L	0.81	1.1	1.0	9.5
Sodium, dissolved	mg/L	25	6330	6670	5.2
Alkalinity, Total as CaCO3	mg/L	250	3700	3680	0.5
Chemical Oxygen Demand	mg/L	1000	3940	4240	7.3
Chloride	mg/L	1000	803	958 J	17.6
Ethane	ug/l	5.6	499	479	4.1
Ethene	ug/l	125	5600	9170	<b>48.3</b>
Methane	ug/l	2.8	58.5	56.3	3.8
Sulfate	mg/L	1000	9650	9820	1.7
Sulfide	mg/L	4.0	1.6 J	1.2 U	--
Total organic carbon	mg/L	50	1350	1400	3.6
<b>PZ-2301 / PZ-2301D:</b>					
Barium, dissolved	mg/L	0.0023	0.019	0.019	0
Iron, total	mg/L	0.25	0.24 J	0.24 J	0
Manganese, total	mg/L	0.004	0.0012 J	0.0014 J	15.4
Nickel, dissolved	mg/L	0.001	0.00032 J	0.00028 U	--
Alkalinity, Total as CaCO3	mg/L	50	102	99.3	2.7
Chloride	mg/L	10	21.3	22.8	6.8
Ethane	ug/l	5.6	7.9	8.1	2.5
Ethene	ug/l	5.0	6.9	6.8	1.5
Methane	ug/l	28	463	767	<b>49.4</b>

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Sulfate	mg/L	10	36.2	39.5	8.7
Sulfide	mg/L	4.0	1.2 U	1.2 J	0
Total organic carbon	mg/L	0.5	1.5	1.4	6.9

**Bold** indicates an RPD (or precision) exceedance

### Qualification Actions

Sample results qualified due to validation actions are summarized in Table 1. All actions are described above. Data validation qualifiers override any assigned laboratory data flags. Results reported below the LOQ were qualified as estimated (J) by the laboratory; qualifications of these results were accepted by the validator, but are not shown in Table 1.

**Table 1 - Data Validation Summary of Qualified Data**

Sample ID	Analyte	Units	Validation Qualifier	Reason Code
PZ-2101 PZ-2111	VOCs Ethane Ethene Methane	ug/L	Detects: J- Nondetects: UJ	h
PZ-2103 PZ-2103D	Ethane Ethene Methane	ug/l	Detects: J- Nondetects: UJ	h
MW-2101 MW-2102 MW-2110 MW-2111 MW-2301D MW-2303 PZ-2110 PZ-2111 PZ-2301D PZ-2303	Alkalinity	mg/L	J-	m
PZ-2301	Alkalinity	mg/L	J+	m
PZ-2111	Chloride	mg/L	J+	m
MW-2112	Sulfate	mg/L	J+	m
MW-31 MW-65 MW-82 MW-82D MW-2101 MW-2102 MW-2107 MW-2110 MW-2111 MW-2113 MW-2201 MW-2201D MW-2301 MW-2301D MW-2303 PZ-2107 PZ-2113 PZ-2301 PZ-2301D PZ-2303	Sulfide	mg/L	Detects: J- Nondetects: UJ	m
MW-2111 MW-2113	Manganese (total and diss)	mg/L	J	dt
MW-2101 PZ-2101 PZ-2110	Iron (total and diss)	mg/L	J	dt
MW-82 MW-82D	Iron, dissolved Iron, total Manganese, dissolved	mg/L mg/L mg/L	J	fd
MW-2201 MW-2201D	Vinyl chloride Iron, total Ethane Ethene Methane Total organic carbon	ug/L mg/L ug/l ug/l ug/l mg/L	J	fd
MW-2301 MW-2301D	Methane	ug/L	J	fd



**Table 1 - Data Validation Summary of Qualified Data**

Sample ID		Analyte	Units	Validation Qualifier	Reason Code
PZ-2103	PZ-2103D	Magnesium, dissolved Ethene	mg/L ug/l	J	fd
PZ-2301	PZ-2301D	Methane	ug/L	J	fd

Qualifier	Definition
J	The analyte was positively identified. The associated numerical value is estimated (+/- indicate the direction of bias).
UJ	The analyte was not detected above the detection limit. However, the associated value is approximate and may or may not represent the actual reporting limit necessary to accurately and precisely measure the analyte in the sample.
Reason Codes	Description
dt	Dissolved greater than total by more than 20% (metals)
fd	Field duplicate
h	Hold time
m	Matrix spike



November 01, 2023

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

RE: Project: 60705270 KEP  
Pace Project No.: 40269928

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on October 20, 2023. 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,

A handwritten signature in cursive script that reads "Christopher Hyska".

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

Enclosures

cc: Keith Nielsen, AECOM



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 60705270 KEP

Pace Project No.: 40269928

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

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

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## REPORT OF LABORATORY ANALYSIS

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**SAMPLE SUMMARY**

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40269928001	TB-01	Water	10/16/23 12:00	10/20/23 08:00
40269928002	MW-2106	Water	10/16/23 10:35	10/20/23 08:00
40269928003	MW-2105	Water	10/16/23 12:00	10/20/23 08:00
40269928004	PZ-2105	Water	10/16/23 12:20	10/20/23 08:00
40269928005	MW-112	Water	10/16/23 13:10	10/20/23 08:00
40269928006	MW-117	Water	10/16/23 14:05	10/20/23 08:00
40269928007	PZ-117	Water	10/16/23 14:30	10/20/23 08:00
40269928008	PZ-117D	Water	10/16/23 14:30	10/20/23 08:00
40269928009	MW-111	Water	10/16/23 15:10	10/20/23 08:00
40269928010	MW-116	Water	10/16/23 15:45	10/20/23 08:00
40269928011	MW-2114	Water	10/16/23 13:40	10/20/23 08:00
40269928012	PZ-2114	Water	10/16/23 14:30	10/20/23 08:00
40269928013	MW-2104	Water	10/16/23 15:40	10/20/23 08:00
40269928014	PZ-116	Water	10/16/23 16:10	10/20/23 08:00
40269928015	PZ-116D	Water	10/16/23 16:10	10/20/23 08:00
40269928016	MW-110	Water	10/16/23 16:50	10/20/23 08:00
40269928017	MW-79	Water	10/17/23 07:25	10/20/23 08:00
40269928018	MW-80	Water	10/17/23 08:05	10/20/23 08:00
40269928019	MW-81	Water	10/17/23 08:35	10/20/23 08:00
40269928020	PZ-82	Water	10/17/23 09:15	10/20/23 08:00
40269928021	MW-82	Water	10/17/23 09:35	10/20/23 08:00
40269928022	MW-82D	Water	10/17/23 09:35	10/20/23 08:00
40269928023	MW-108	Water	10/17/23 11:35	10/20/23 08:00
40269928024	MW-44	Water	10/17/23 12:45	10/20/23 08:00
40269928025	MW-2107	Water	10/17/23 09:15	10/20/23 08:00
40269928026	PZ-2107	Water	10/17/23 10:00	10/20/23 08:00
40269928027	MW-2113	Water	10/17/23 11:00	10/20/23 08:00
40269928028	PZ-2113	Water	10/17/23 12:15	10/20/23 08:00
40269928029	MW-105	Water	10/17/23 13:15	10/20/23 08:00
40269928030	MW-107	Water	10/17/23 13:45	10/20/23 08:00
40269928031	MW-65	Water	10/17/23 14:00	10/20/23 08:00
40269928032	MW-2108	Water	10/17/23 14:50	10/20/23 08:00
40269928033	MW-2203	Water	10/17/23 08:40	10/20/23 08:00
40269928034	PZ-2203	Water	10/17/23 09:15	10/20/23 08:00
40269928035	MW-31	Water	10/17/23 10:15	10/20/23 08:00
40269928036	MW-2201	Water	10/17/23 11:20	10/20/23 08:00
40269928037	MW-2201D	Water	10/17/23 11:20	10/20/23 08:00

**REPORT OF LABORATORY ANALYSIS**

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**SAMPLE SUMMARY**

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40269928038	MW-2202	Water	10/17/23 12:15	10/20/23 08:00
40269928039	PZ-2202	Water	10/17/23 13:00	10/20/23 08:00
40269928040	MW-206	Water	10/17/23 15:00	10/20/23 08:00
40269928041	MW-2302	Water	10/18/23 09:15	10/20/23 08:00
40269928042	PZ-2302	Water	10/18/23 09:40	10/20/23 08:00
40269928043	MW-2301	Water	10/18/23 10:10	10/20/23 08:00
40269928044	PZ-2301	Water	10/18/23 11:10	10/20/23 08:00
40269928045	MW-2301D	Water	10/18/23 10:10	10/20/23 08:00
40269928046	PZ-2301D	Water	10/18/23 11:10	10/20/23 08:00
40269928047	MW-2303	Water	10/18/23 12:30	10/20/23 08:00
40269928048	PZ-2303	Water	10/18/23 13:30	10/20/23 08:00
40269928049	MW-2102	Water	10/18/23 09:40	10/20/23 08:00
40269928050	MW-2101	Water	10/18/23 10:45	10/20/23 08:00
40269928051	MW-2111	Water	10/18/23 11:50	10/20/23 08:00
40269928052	MW-2110	Water	10/18/23 09:25	10/20/23 08:00
40269928053	PZ-2110	Water	10/18/23 10:25	10/20/23 08:00
40269928054	PZ-2111	Water	10/18/23 13:10	10/20/23 08:00
40269928055	MW-2112	Water	10/18/23 11:30	10/20/23 08:00
40269928056	PZ-2112	Water	10/18/23 12:40	10/20/23 08:00
40269928057	MW-2109	Water	10/18/23 14:20	10/20/23 08:00
40269928058	PZ-2109	Water	10/18/23 15:00	10/20/23 08:00
40269928059	MW-115	Water	10/18/23 14:15	10/20/23 08:00
40269928060	MW-114	Water	10/18/23 14:45	10/20/23 08:00
40269928061	MW-113	Water	10/18/23 14:45	10/20/23 08:00
40269928062	PZ-118	Water	10/18/23 15:15	10/20/23 08:00
40269928063	MW-103	Water	10/18/23 16:25	10/20/23 08:00
40269928064	MW-102	Water	10/18/23 16:30	10/20/23 08:00
40269928065	MW-101	Water	10/18/23 16:30	10/20/23 08:00
40269928066	MW-61	Water	10/19/23 09:50	10/20/23 08:00
40269928067	MW-61D	Water	10/19/23 09:50	10/20/23 08:00
40269928068	PZ-61	Water	10/19/23 10:50	10/20/23 08:00
40269928069	MW-2103	Water	10/19/23 09:30	10/20/23 08:00
40269928070	MW-2103D	Water	10/19/23 09:30	10/20/23 08:00
40269928071	PZ-2103	Water	10/19/23 10:30	10/20/23 08:00
40269928072	PZ-2103D	Water	10/19/23 10:30	10/20/23 08:00
40269928073	PZ-2101	Water	10/19/23 09:00	10/20/23 08:00
40269928074	TB-02	Water	10/19/23 12:15	10/20/23 08:00

**REPORT OF LABORATORY ANALYSIS**

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## SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928001	TB-01	EPA 8260	CXJ	63	PASI-G
40269928002	MW-2106	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928003	MW-2105	EPA 8260	CXJ	63	PASI-G
40269928004	PZ-2105	EPA 8260	CXJ	63	PASI-G
40269928005	MW-112	EPA 8260	CXJ	63	PASI-G
40269928006	MW-117	EPA 8260	CXJ	63	PASI-G
40269928007	PZ-117	EPA 8260	CXJ	63	PASI-G
40269928008	PZ-117D	EPA 8260	CXJ	63	PASI-G
40269928009	MW-111	EPA 8260	CXJ	63	PASI-G
40269928010	MW-116	EPA 8260	CXJ	63	PASI-G
40269928011	MW-2114	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928012	PZ-2114	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928013	MW-2104	EPA 8260	CXJ	63	PASI-G

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928014	PZ-116	EPA 8260	CXJ	63	PASI-G
40269928015	PZ-116D	EPA 8260	CXJ	63	PASI-G
40269928016	MW-110	EPA 8260	CXJ	63	PASI-G
40269928017	MW-79	EPA 8260	CXJ	63	PASI-G
40269928018	MW-80	EPA 8260	CXJ	63	PASI-G
40269928019	MW-81	EPA 8260	CXJ	63	PASI-G
40269928020	PZ-82	EPA 8260	CXJ	63	PASI-G
40269928021	MW-82	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928022	MW-82D	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928023	MW-108	EPA 8260	CXJ	63	PASI-G
40269928024	MW-44	EPA 8260	CXJ	63	PASI-G
40269928025	MW-2107	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928026	PZ-2107	EPA 8015B Modified	KHB	3	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40269928027</b>	<b>MW-2113</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40269928028</b>	<b>PZ-2113</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40269928029</b>	<b>MW-105</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928030</b>	<b>MW-107</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928031</b>	<b>MW-65</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928032	MW-2108	EPA 8260	CXJ	63	PASI-G
40269928033	MW-2203	EPA 8260	CXJ	63	PASI-G
40269928034	PZ-2203	EPA 8260	CXJ	63	PASI-G
40269928035	MW-31	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928036	MW-2201	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928037	MW-2201D	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928038	MW-2202	EPA 8260	CXJ	63	PASI-G
40269928039	PZ-2202	EPA 8260	CXJ	63	PASI-G
40269928040	MW-206	EPA 8260	CXJ	63	PASI-G
40269928041	MW-2302	EPA 8260	CXJ	63	PASI-G
40269928042	PZ-2302	EPA 8260	CXJ	63	PASI-G
40269928043	MW-2301	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928044	PZ-2301	EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
40269928045	MW-2301D	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
40269928046	PZ-2301D	EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40269928047	MW-2303	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	6	PASI-G

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**SAMPLE ANALYTE COUNT**

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40269928048	PZ-2303	EPA 8260	CXJ	63	PASI-G		
		SM 4500-S F (2000)	HNT	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	MT	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	KHB	3	PASI-G		
		EPA 6020B	TXW	2	PASI-G		
		EPA 6020B	KXS, TXW	6	PASI-G		
		EPA 8260	CXJ	63	PASI-G		
		SM 4500-S F (2000)	HNT	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	MT	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
40269928049	MW-2102	SM 5310C	TJJ	1	PASI-G		
		EPA 8015B Modified	KHB	3	PASI-G		
		EPA 6020B	TXW	2	PASI-G		
		EPA 6020B	KXS, TXW	6	PASI-G		
		EPA 8260	CXJ	63	PASI-G		
		SM 4500-S F (2000)	HNT	1	PASI-G		
		EPA 300.0	HMB	2	PASI-G		
		EPA 310.2	MT	1	PASI-G		
		EPA 410.4	TJJ	1	PASI-G		
		SM 5310C	TJJ	1	PASI-G		
		40269928050	MW-2101	EPA 8015B Modified	KHB	3	PASI-G
				EPA 6020B	TXW	2	PASI-G
				EPA 6020B	KXS, TXW	6	PASI-G
				EPA 8260	CXJ	63	PASI-G
SM 4500-S F (2000)	HNT			1	PASI-G		
EPA 300.0	HMB			2	PASI-G		
EPA 310.2	MT			1	PASI-G		
EPA 410.4	TJJ			1	PASI-G		
SM 5310C	TJJ			1	PASI-G		
40269928051	MW-2111			EPA 8015B Modified	KHB	3	PASI-G
				EPA 6020B	KXS	2	PASI-G
				EPA 6020B	KXS	6	PASI-G
				EPA 8260	CXJ	63	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928052	MW-2110	SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS, TXW	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
40269928053	PZ-2110	EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
40269928054	PZ-2111	EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
40269928055	MW-2112	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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**SAMPLE ANALYTE COUNT**

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40269928056</b>	<b>PZ-2112</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40269928057</b>	<b>MW-2109</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928058</b>	<b>PZ-2109</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928059</b>	<b>MW-115</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928060</b>	<b>MW-114</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928061</b>	<b>MW-113</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928062</b>	<b>PZ-118</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928063</b>	<b>MW-103</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928064</b>	<b>MW-102</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928065</b>	<b>MW-101</b>	EPA 8260	CXJ	63	PASI-G
<b>40269928066</b>	<b>MW-61</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40269928067</b>	<b>MW-61D</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G

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**SAMPLE ANALYTE COUNT**

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928068	PZ-61	EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
40269928069	MW-2103	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40269928070	MW-2103D	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928071	PZ-2103	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269928072	PZ-2103D	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40269928073	PZ-2101	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40269928074	TB-02	EPA 8260	CXJ	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928002</b>	<b>MW-2106</b>					
EPA 8015B Modified	Ethane	0.45J	ug/L	5.6	10/25/23 11:22	
EPA 8015B Modified	Ethene	2.3J	ug/L	5.0	10/25/23 11:22	
EPA 8015B Modified	Methane	447	ug/L	5.6	10/25/23 14:33	
EPA 6020B	Iron	6.3	mg/L	0.25	10/25/23 10:20	
EPA 6020B	Manganese	0.26	mg/L	0.0040	10/25/23 10:20	
EPA 6020B	Barium, Dissolved	0.14	mg/L	0.0023	10/26/23 06:12	
EPA 6020B	Iron, Dissolved	6.4	mg/L	0.25	10/26/23 06:12	D9
EPA 6020B	Lead, Dissolved	0.00042J	mg/L	0.0010	10/26/23 06:12	
EPA 6020B	Manganese, Dissolved	0.25	mg/L	0.0040	10/27/23 01:17	
EPA 6020B	Nickel, Dissolved	0.0030	mg/L	0.0010	10/26/23 06:12	
EPA 300.0	Chloride	37.8J	mg/L	100	10/30/23 16:47	D3
EPA 300.0	Sulfate	1470	mg/L	100	10/30/23 16:47	
EPA 310.2	Alkalinity, Total as CaCO3	231	mg/L	50.0	10/25/23 11:40	
EPA 410.4	Chemical Oxygen Demand	40.9J	mg/L	52.6	10/31/23 08:38	
SM 5310C	Total Organic Carbon	8.1	mg/L	3.0	10/26/23 04:30	
<b>40269928003</b>	<b>MW-2105</b>					
EPA 8260	Benzene	0.38J	ug/L	1.0	10/25/23 18:04	
EPA 8260	1,1-Dichloroethane	0.81J	ug/L	1.0	10/25/23 18:04	
EPA 8260	cis-1,2-Dichloroethene	22.3	ug/L	1.0	10/25/23 18:04	
EPA 8260	trans-1,2-Dichloroethene	0.55J	ug/L	1.0	10/25/23 18:04	
EPA 8260	Trichloroethene	10.7	ug/L	1.0	10/25/23 18:04	
EPA 8260	Vinyl chloride	2.8	ug/L	1.0	10/25/23 18:04	
<b>40269928004</b>	<b>PZ-2105</b>					
EPA 8260	cis-1,2-Dichloroethene	0.76J	ug/L	1.0	10/25/23 17:25	
EPA 8260	Trichloroethene	0.85J	ug/L	1.0	10/25/23 17:25	
<b>40269928011</b>	<b>MW-2114</b>					
EPA 8015B Modified	Ethane	12.2	ug/L	5.6	10/25/23 11:29	
EPA 8015B Modified	Ethene	0.90J	ug/L	5.0	10/25/23 11:29	
EPA 8015B Modified	Methane	5310	ug/L	112	10/25/23 14:40	
EPA 6020B	Iron	5.0	mg/L	0.50	10/31/23 01:06	
EPA 6020B	Manganese	0.54	mg/L	0.0081	10/31/23 01:06	
EPA 6020B	Barium, Dissolved	0.17	mg/L	0.0023	10/26/23 09:45	
EPA 6020B	Iron, Dissolved	4.6	mg/L	0.25	10/26/23 09:45	
EPA 6020B	Manganese, Dissolved	0.52	mg/L	0.0040	10/26/23 19:31	
EPA 6020B	Nickel, Dissolved	0.013	mg/L	0.0010	10/26/23 09:45	
EPA 8260	1,1-Dichloroethane	0.95J	ug/L	1.0	10/25/23 17:45	
EPA 8260	cis-1,2-Dichloroethene	6.1	ug/L	1.0	10/25/23 17:45	
EPA 8260	Vinyl chloride	5.3	ug/L	1.0	10/25/23 17:45	
EPA 300.0	Chloride	95.8	mg/L	40.0	10/30/23 17:47	
EPA 300.0	Sulfate	641	mg/L	40.0	10/30/23 17:47	
EPA 310.2	Alkalinity, Total as CaCO3	583	mg/L	50.0	10/25/23 11:41	
EPA 410.4	Chemical Oxygen Demand	246	mg/L	52.6	10/31/23 08:39	
SM 5310C	Total Organic Carbon	65.3	mg/L	15.0	10/25/23 14:48	
<b>40269928012</b>	<b>PZ-2114</b>					
EPA 8015B Modified	Methane	27.2	ug/L	2.8	10/25/23 11:36	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928012</b>	<b>PZ-2114</b>					
EPA 6020B	Manganese	0.17	mg/L	0.0040	10/28/23 00:58	
EPA 6020B	Barium, Dissolved	0.17	mg/L	0.0023	10/26/23 11:06	
EPA 6020B	Manganese, Dissolved	0.15	mg/L	0.0040	10/26/23 11:06	
EPA 6020B	Nickel, Dissolved	0.0047	mg/L	0.0010	10/26/23 11:06	
EPA 300.0	Chloride	136	mg/L	20.0	10/30/23 18:01	
EPA 300.0	Sulfate	196	mg/L	20.0	10/30/23 18:01	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	261	mg/L	25.0	10/25/23 11:42	
SM 5310C	Total Organic Carbon	4.2	mg/L	0.50	10/25/23 15:35	
<b>40269928013</b>	<b>MW-2104</b>					
EPA 8260	cis-1,2-Dichloroethene	1.4	ug/L	1.0	10/25/23 14:48	
EPA 8260	Trichloroethene	0.61J	ug/L	1.0	10/25/23 14:48	
EPA 8260	Vinyl chloride	1.0	ug/L	1.0	10/25/23 14:48	
<b>40269928014</b>	<b>PZ-116</b>					
EPA 8260	Vinyl chloride	0.58J	ug/L	1.0	10/25/23 15:08	
<b>40269928015</b>	<b>PZ-116D</b>					
EPA 8260	Vinyl chloride	0.57J	ug/L	1.0	10/25/23 15:27	
<b>40269928021</b>	<b>MW-82</b>					
EPA 8015B Modified	Ethane	5.5J	ug/L	5.6	10/25/23 11:43	
EPA 8015B Modified	Ethene	0.67J	ug/L	5.0	10/25/23 11:43	
EPA 8015B Modified	Methane	2000	ug/L	56.0	10/25/23 14:47	
EPA 6020B	Iron	5.8	mg/L	0.25	10/28/23 01:08	
EPA 6020B	Manganese	0.097	mg/L	0.0040	10/28/23 01:08	
EPA 6020B	Barium, Dissolved	0.013	mg/L	0.0023	10/26/23 11:20	
EPA 6020B	Iron, Dissolved	1.1	mg/L	0.25	10/26/23 11:20	
EPA 6020B	Lead, Dissolved	0.00065J	mg/L	0.0010	10/26/23 11:20	
EPA 6020B	Manganese, Dissolved	0.073	mg/L	0.0040	10/26/23 11:20	
EPA 6020B	Nickel, Dissolved	0.00034J	mg/L	0.0010	10/26/23 11:20	
EPA 300.0	Chloride	32.6	mg/L	10.0	10/30/23 18:16	
EPA 300.0	Sulfate	10.6	mg/L	10.0	10/30/23 18:16	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	263	mg/L	125	10/25/23 11:43	
EPA 410.4	Chemical Oxygen Demand	41.0J	mg/L	50.0	10/31/23 08:39	
SM 5310C	Total Organic Carbon	1.3	mg/L	0.50	10/25/23 15:50	
<b>40269928022</b>	<b>MW-82D</b>					
EPA 8015B Modified	Ethane	6.7	ug/L	5.6	10/25/23 11:50	
EPA 8015B Modified	Ethene	1.0J	ug/L	5.0	10/25/23 11:50	
EPA 8015B Modified	Methane	2340	ug/L	56.0	10/25/23 14:54	
EPA 6020B	Iron	3.9	mg/L	0.50	10/28/23 01:14	
EPA 6020B	Manganese	0.077	mg/L	0.0081	10/28/23 01:14	
EPA 6020B	Barium, Dissolved	0.010	mg/L	0.0023	10/26/23 11:28	
EPA 6020B	Iron, Dissolved	0.42	mg/L	0.25	10/26/23 11:28	
EPA 6020B	Lead, Dissolved	0.00042J	mg/L	0.0010	10/26/23 11:28	
EPA 6020B	Manganese, Dissolved	0.049	mg/L	0.0040	10/26/23 11:28	
EPA 6020B	Nickel, Dissolved	0.00040J	mg/L	0.0010	10/26/23 11:28	
EPA 300.0	Chloride	30.7	mg/L	10.0	10/30/23 18:31	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928022</b>	<b>MW-82D</b>					
EPA 300.0	Sulfate	10.4	mg/L	10.0	10/30/23 18:31	
EPA 310.2	Alkalinity, Total as CaCO3	212	mg/L	25.0	10/25/23 11:44	
EPA 410.4	Chemical Oxygen Demand	34.5J	mg/L	50.0	10/31/23 08:39	
SM 5310C	Total Organic Carbon	1.1	mg/L	0.50	10/25/23 16:05	
<b>40269928025</b>	<b>MW-2107</b>					
EPA 8015B Modified	Ethane	21.7	ug/L	5.6	10/25/23 11:57	
EPA 8015B Modified	Methane	7840	ug/L	140	10/25/23 15:01	
EPA 6020B	Iron	31.9	mg/L	0.25	10/28/23 01:19	
EPA 6020B	Manganese	0.10	mg/L	0.0040	10/28/23 01:19	
EPA 6020B	Barium, Dissolved	0.091	mg/L	0.0023	10/26/23 11:35	
EPA 6020B	Iron, Dissolved	28.3	mg/L	0.25	10/26/23 11:35	
EPA 6020B	Lead, Dissolved	0.00030J	mg/L	0.0010	10/26/23 11:35	
EPA 6020B	Manganese, Dissolved	0.10	mg/L	0.0040	10/26/23 11:35	
EPA 6020B	Nickel, Dissolved	0.0020	mg/L	0.0010	10/26/23 11:35	
EPA 8260	Benzene	1.4	ug/L	1.0	10/26/23 13:56	
EPA 8260	Chloroethane	10.4	ug/L	5.0	10/26/23 13:56	
EPA 8260	Toluene	0.40J	ug/L	1.0	10/26/23 13:56	
EPA 300.0	Chloride	43.8	mg/L	20.0	10/30/23 12:35	
EPA 310.2	Alkalinity, Total as CaCO3	621	mg/L	125	10/25/23 11:45	
EPA 410.4	Chemical Oxygen Demand	130	mg/L	50.0	10/31/23 08:39	
SM 5310C	Total Organic Carbon	22.4	mg/L	15.0	10/25/23 16:38	
<b>40269928026</b>	<b>PZ-2107</b>					
EPA 8015B Modified	Ethane	3.3J	ug/L	5.6	10/25/23 12:04	
EPA 8015B Modified	Ethane	24.9	ug/L	5.0	10/25/23 12:04	
EPA 8015B Modified	Methane	144	ug/L	2.8	10/25/23 12:04	
EPA 6020B	Iron	1.6	mg/L	0.25	10/28/23 01:34	
EPA 6020B	Manganese	0.26	mg/L	0.0040	10/28/23 01:34	
EPA 6020B	Barium, Dissolved	0.050	mg/L	0.0023	10/26/23 20:15	
EPA 6020B	Iron, Dissolved	1.9	mg/L	0.25	10/26/23 20:15	CR
EPA 6020B	Manganese, Dissolved	0.14	mg/L	0.0040	10/26/23 20:15	
EPA 6020B	Nickel, Dissolved	0.0048	mg/L	0.0010	10/26/23 20:15	
EPA 8260	cis-1,2-Dichloroethene	614	ug/L	10.0	10/26/23 17:34	
EPA 8260	trans-1,2-Dichloroethene	6.7J	ug/L	10.0	10/26/23 17:34	
EPA 8260	Vinyl chloride	474	ug/L	10.0	10/26/23 17:34	
EPA 300.0	Chloride	391	mg/L	20.0	10/30/23 13:18	
EPA 300.0	Sulfate	212	mg/L	20.0	10/30/23 13:18	
EPA 310.2	Alkalinity, Total as CaCO3	336	mg/L	25.0	10/25/23 11:46	
EPA 410.4	Chemical Oxygen Demand	34.5J	mg/L	50.0	10/31/23 08:39	
SM 5310C	Total Organic Carbon	5.5	mg/L	1.5	10/25/23 16:53	
<b>40269928027</b>	<b>MW-2113</b>					
EPA 8015B Modified	Ethane	1.4J	ug/L	5.0	10/25/23 12:11	
EPA 8015B Modified	Methane	120	ug/L	2.8	10/25/23 12:11	
EPA 6020B	Iron	1.6	mg/L	0.50	10/31/23 01:27	
EPA 6020B	Manganese	0.035	mg/L	0.0081	10/31/23 01:27	
EPA 6020B	Barium, Dissolved	0.088	mg/L	0.0023	10/26/23 20:23	
EPA 6020B	Iron, Dissolved	1.8	mg/L	0.25	10/26/23 20:23	D9

### REPORT OF LABORATORY ANALYSIS

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**SUMMARY OF DETECTION**

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928027</b>	<b>MW-2113</b>					
EPA 6020B	Lead, Dissolved	0.00031J	mg/L	0.0010	10/27/23 20:09	
EPA 6020B	Manganese, Dissolved	0.062	mg/L	0.0040	10/26/23 20:23	CR
EPA 6020B	Nickel, Dissolved	0.014	mg/L	0.0010	10/26/23 20:23	
EPA 8260	cis-1,2-Dichloroethene	18.0	ug/L	1.0	10/27/23 10:20	
EPA 8260	trans-1,2-Dichloroethene	0.97J	ug/L	1.0	10/27/23 10:20	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	10/27/23 10:20	
EPA 8260	Vinyl chloride	15.1	ug/L	1.0	10/27/23 10:20	
EPA 300.0	Chloride	54.8	mg/L	20.0	10/30/23 14:15	
EPA 300.0	Sulfate	1310	mg/L	200	10/31/23 18:41	
EPA 310.2	Alkalinity, Total as CaCO3	532	mg/L	125	10/25/23 11:47	
EPA 410.4	Chemical Oxygen Demand	258	mg/L	50.0	10/31/23 08:39	
SM 5310C	Total Organic Carbon	69.5	mg/L	15.0	10/25/23 17:08	
<b>40269928028</b>	<b>PZ-2113</b>					
EPA 8015B Modified	Ethane	260	ug/L	5.6	10/25/23 12:17	
EPA 8015B Modified	Ethene	2490	ug/L	500	10/25/23 15:08	
EPA 8015B Modified	Methane	7750	ug/L	280	10/25/23 15:08	
EPA 6020B	Iron	53.6	mg/L	0.50	10/31/23 01:32	
EPA 6020B	Manganese	0.22	mg/L	0.0081	10/31/23 01:32	
EPA 6020B	Barium, Dissolved	1.1	mg/L	0.047	10/27/23 20:19	
EPA 6020B	Iron, Dissolved	55.7	mg/L	0.25	10/26/23 20:30	D9
EPA 6020B	Manganese, Dissolved	0.22	mg/L	0.0040	10/26/23 20:30	
EPA 8260	Benzene	0.95J	ug/L	1.0	10/26/23 16:59	
EPA 8260	cis-1,2-Dichloroethene	17.9	ug/L	1.0	10/26/23 16:59	
EPA 8260	trans-1,2-Dichloroethene	2.1	ug/L	1.0	10/26/23 16:59	
EPA 8260	Toluene	0.35J	ug/L	1.0	10/26/23 16:59	
EPA 8260	Trichloroethene	0.60J	ug/L	1.0	10/26/23 16:59	
EPA 8260	Vinyl chloride	67.7	ug/L	1.0	10/26/23 16:59	
EPA 300.0	Chloride	349	mg/L	100	10/30/23 14:30	
EPA 310.2	Alkalinity, Total as CaCO3	2530	mg/L	250	10/25/23 11:48	
EPA 410.4	Chemical Oxygen Demand	1950	mg/L	500	10/31/23 08:44	
SM 5310C	Total Organic Carbon	871	mg/L	50.0	10/25/23 17:23	
<b>40269928029</b>	<b>MW-105</b>					
EPA 8260	Chloroethane	2.2J	ug/L	5.0	10/26/23 12:13	
<b>40269928031</b>	<b>MW-65</b>					
EPA 8015B Modified	Ethane	3.2J	ug/L	5.6	10/25/23 12:24	
EPA 8015B Modified	Ethene	263	ug/L	5.0	10/25/23 12:24	
EPA 8015B Modified	Methane	1140	ug/L	28.0	10/25/23 15:15	
EPA 6020B	Iron	5.2	mg/L	0.50	10/31/23 01:37	
EPA 6020B	Manganese	0.40	mg/L	0.0081	10/31/23 01:37	
EPA 6020B	Barium, Dissolved	0.37	mg/L	0.0023	10/26/23 20:37	
EPA 6020B	Iron, Dissolved	4.9	mg/L	0.25	10/26/23 20:37	
EPA 6020B	Manganese, Dissolved	0.36	mg/L	0.0040	10/26/23 20:37	
EPA 6020B	Nickel, Dissolved	0.0038	mg/L	0.0010	10/26/23 20:37	
EPA 8260	cis-1,2-Dichloroethene	653	ug/L	10.0	10/26/23 17:51	
EPA 8260	Methylene Chloride	4.5J	ug/L	50.0	10/26/23 17:51	
EPA 8260	Vinyl chloride	1330	ug/L	10.0	10/26/23 17:51	

**REPORT OF LABORATORY ANALYSIS**

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928031</b>	<b>MW-65</b>					
EPA 300.0	Chloride	660	mg/L	40.0	10/30/23 14:48	
EPA 300.0	Sulfate	291	mg/L	40.0	10/30/23 14:48	
EPA 310.2	Alkalinity, Total as CaCO3	564	mg/L	50.0	10/25/23 11:52	
EPA 410.4	Chemical Oxygen Demand	15.9J	mg/L	52.6	10/31/23 08:45	
SM 5310C	Total Organic Carbon	3.2	mg/L	0.50	10/25/23 17:40	
<b>40269928032</b>	<b>MW-2108</b>					
EPA 8260	Benzene	5.0	ug/L	1.0	10/26/23 12:48	
EPA 8260	sec-Butylbenzene	0.54J	ug/L	1.0	10/26/23 12:48	
EPA 8260	Ethylbenzene	30.0	ug/L	1.0	10/26/23 12:48	
EPA 8260	Isopropylbenzene (Cumene)	2.6J	ug/L	5.0	10/26/23 12:48	
EPA 8260	p-Isopropyltoluene	2.2J	ug/L	5.0	10/26/23 12:48	
EPA 8260	n-Propylbenzene	2.3	ug/L	1.0	10/26/23 12:48	
EPA 8260	Toluene	8.2	ug/L	1.0	10/26/23 12:48	
EPA 8260	1,2,4-Trimethylbenzene	3.9	ug/L	1.0	10/26/23 12:48	
EPA 8260	1,3,5-Trimethylbenzene	5.3	ug/L	1.0	10/26/23 12:48	
EPA 8260	Vinyl chloride	2.0	ug/L	1.0	10/26/23 12:48	
EPA 8260	Xylene (Total)	26.2	ug/L	3.0	10/26/23 12:48	
<b>40269928035</b>	<b>MW-31</b>					
EPA 8015B Modified	Ethane	13.1	ug/L	5.6	10/25/23 13:04	
EPA 8015B Modified	Ethene	37.6	ug/L	5.0	10/25/23 13:04	
EPA 8015B Modified	Methane	10200	ug/L	112	10/25/23 15:22	
EPA 6020B	Iron	23.1	mg/L	0.50	10/31/23 01:42	
EPA 6020B	Manganese	0.77	mg/L	0.0081	10/31/23 01:42	
EPA 6020B	Barium, Dissolved	0.44	mg/L	0.0023	10/26/23 20:45	
EPA 6020B	Iron, Dissolved	18.6	mg/L	0.25	10/26/23 20:45	
EPA 6020B	Manganese, Dissolved	0.91	mg/L	0.0040	10/26/23 20:45	D9
EPA 6020B	Nickel, Dissolved	0.00099J	mg/L	0.0010	10/26/23 20:45	
EPA 8260	cis-1,2-Dichloroethene	0.92J	ug/L	1.0	10/26/23 14:30	
EPA 8260	Vinyl chloride	25.6	ug/L	1.0	10/26/23 14:30	
EPA 300.0	Chloride	71.1	mg/L	10.0	10/30/23 15:02	
EPA 300.0	Sulfate	164	mg/L	10.0	10/30/23 15:02	
EPA 310.2	Alkalinity, Total as CaCO3	656	mg/L	50.0	10/25/23 11:53	
EPA 410.4	Chemical Oxygen Demand	106	mg/L	50.0	10/31/23 08:45	
SM 5310C	Total Organic Carbon	8.6	mg/L	0.50	10/25/23 18:00	
<b>40269928036</b>	<b>MW-2201</b>					
EPA 8015B Modified	Ethane	7.9	ug/L	5.6	10/25/23 13:11	
EPA 8015B Modified	Ethene	124	ug/L	5.0	10/25/23 13:11	
EPA 8015B Modified	Methane	2810	ug/L	28.0	10/25/23 15:29	
EPA 6020B	Iron	7.7	mg/L	0.25	10/28/23 02:00	
EPA 6020B	Manganese	0.11	mg/L	0.0040	10/28/23 02:00	
EPA 6020B	Barium, Dissolved	0.067	mg/L	0.0023	10/26/23 20:52	
EPA 6020B	Iron, Dissolved	8.3	mg/L	0.25	10/26/23 20:52	D9
EPA 6020B	Manganese, Dissolved	0.11	mg/L	0.0040	10/26/23 20:52	
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	10/26/23 20:52	
EPA 8260	1,1-Dichloroethane	1.8J	ug/L	5.0	10/26/23 18:08	
EPA 8260	cis-1,2-Dichloroethene	199	ug/L	5.0	10/26/23 18:08	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928036</b>	<b>MW-2201</b>					
EPA 8260	Vinyl chloride	292	ug/L	5.0	10/26/23 18:08	
EPA 300.0	Chloride	60.9	mg/L	20.0	10/30/23 15:17	
EPA 300.0	Sulfate	292	mg/L	20.0	10/30/23 15:17	
EPA 310.2	Alkalinity, Total as CaCO3	451	mg/L	50.0	10/25/23 11:54	
EPA 410.4	Chemical Oxygen Demand	32.4J	mg/L	50.0	10/31/23 08:45	
SM 5310C	Total Organic Carbon	4.0	mg/L	1.5	10/26/23 05:15	
<b>40269928037</b>	<b>MW-2201D</b>					
EPA 8015B Modified	Ethane	16.7	ug/L	5.6	10/25/23 13:17	
EPA 8015B Modified	Ethene	319	ug/L	5.0	10/25/23 13:17	
EPA 8015B Modified	Methane	4140	ug/L	70.0	10/25/23 15:36	
EPA 6020B	Iron	11.1	mg/L	0.25	10/28/23 02:05	
EPA 6020B	Manganese	0.12	mg/L	0.0040	10/28/23 02:05	
EPA 6020B	Barium, Dissolved	0.065	mg/L	0.0023	10/26/23 21:21	
EPA 6020B	Iron, Dissolved	7.2	mg/L	0.25	10/26/23 21:21	
EPA 6020B	Manganese, Dissolved	0.10	mg/L	0.0040	10/26/23 21:21	
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	10/26/23 21:21	
EPA 8260	1,1-Dichloroethane	2.7	ug/L	1.0	10/26/23 14:48	
EPA 8260	cis-1,2-Dichloroethene	262	ug/L	5.0	10/27/23 11:11	
EPA 8260	trans-1,2-Dichloroethene	0.56J	ug/L	1.0	10/26/23 14:48	
EPA 8260	Vinyl chloride	410	ug/L	5.0	10/27/23 11:11	
EPA 300.0	Chloride	49.7	mg/L	20.0	10/30/23 15:31	
EPA 300.0	Sulfate	254	mg/L	20.0	10/30/23 15:31	
EPA 310.2	Alkalinity, Total as CaCO3	411	mg/L	50.0	10/25/23 11:55	
SM 5310C	Total Organic Carbon	2.2	mg/L	0.50	10/25/23 18:36	
<b>40269928038</b>	<b>MW-2202</b>					
EPA 8260	Trichloroethene	1.4	ug/L	1.0	10/26/23 15:05	
<b>40269928041</b>	<b>MW-2302</b>					
EPA 8260	Chloroethane	4.0J	ug/L	5.0	10/30/23 11:24	
EPA 8260	1,1-Dichloroethane	7.6	ug/L	1.0	10/30/23 11:24	
EPA 8260	cis-1,2-Dichloroethene	5.0	ug/L	1.0	10/30/23 11:24	
EPA 8260	Methylene Chloride	0.98J	ug/L	5.0	10/30/23 11:24	
EPA 8260	Tetrachloroethene	0.80J	ug/L	1.0	10/30/23 11:24	
EPA 8260	1,1,1-Trichloroethane	7.2	ug/L	1.0	10/30/23 11:24	
EPA 8260	Trichloroethene	7.4	ug/L	1.0	10/30/23 11:24	
EPA 8260	Vinyl chloride	0.56J	ug/L	1.0	10/30/23 11:24	
<b>40269928042</b>	<b>PZ-2302</b>					
EPA 8260	1,1-Dichloroethane	0.37J	ug/L	1.0	10/27/23 10:03	
<b>40269928043</b>	<b>MW-2301</b>					
EPA 8015B Modified	Ethane	14.7	ug/L	5.6	10/25/23 13:24	
EPA 8015B Modified	Ethene	44.6	ug/L	5.0	10/25/23 13:24	
EPA 8015B Modified	Methane	1440	ug/L	70.0	10/25/23 15:57	
EPA 6020B	Iron	29.2	mg/L	1.2	10/28/23 02:10	
EPA 6020B	Manganese	0.12	mg/L	0.020	10/28/23 02:10	
EPA 6020B	Barium, Dissolved	0.084	mg/L	0.0023	10/26/23 21:29	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928043</b>	<b>MW-2301</b>					
EPA 6020B	Iron, Dissolved	9.8	mg/L	0.25	10/26/23 21:29	
EPA 6020B	Manganese, Dissolved	0.083	mg/L	0.0040	10/26/23 21:29	
EPA 6020B	Nickel, Dissolved	0.00055J	mg/L	0.0010	10/26/23 21:29	
EPA 300.0	Chloride	6.6J	mg/L	10.0	10/30/23 15:45	D3
EPA 300.0	Sulfate	47.9	mg/L	10.0	10/30/23 15:45	
EPA 310.2	Alkalinity, Total as CaCO3	577	mg/L	125	10/25/23 11:56	
EPA 410.4	Chemical Oxygen Demand	30.2J	mg/L	50.0	10/31/23 08:45	
SM 5310C	Total Organic Carbon	4.0	mg/L	0.50	10/25/23 18:51	
<b>40269928044</b>	<b>PZ-2301</b>					
EPA 8015B Modified	Ethane	7.9	ug/L	5.6	10/25/23 13:31	
EPA 8015B Modified	Ethene	6.9	ug/L	5.0	10/25/23 13:31	
EPA 8015B Modified	Methane	463	ug/L	28.0	10/25/23 16:03	
EPA 6020B	Iron	0.24J	mg/L	0.25	10/28/23 02:16	
EPA 6020B	Manganese	0.0012J	mg/L	0.0040	10/28/23 02:16	
EPA 6020B	Barium, Dissolved	0.019	mg/L	0.0023	10/26/23 21:36	
EPA 6020B	Nickel, Dissolved	0.00032J	mg/L	0.0010	10/26/23 21:36	
EPA 300.0	Chloride	21.3	mg/L	10.0	10/30/23 16:00	
EPA 300.0	Sulfate	36.2	mg/L	10.0	10/30/23 16:00	
EPA 310.2	Alkalinity, Total as CaCO3	102	mg/L	50.0	10/25/23 11:57	M0
SM 5310C	Total Organic Carbon	1.5	mg/L	0.50	10/25/23 19:07	
<b>40269928045</b>	<b>MW-2301D</b>					
EPA 8015B Modified	Ethane	13.4	ug/L	5.6	10/25/23 13:38	
EPA 8015B Modified	Ethene	42.2	ug/L	5.0	10/25/23 13:38	
EPA 8015B Modified	Methane	2570	ug/L	70.0	10/25/23 16:10	
EPA 6020B	Iron	28.0	mg/L	0.50	10/28/23 02:21	
EPA 6020B	Manganese	0.11	mg/L	0.0081	10/28/23 02:21	
EPA 6020B	Barium, Dissolved	0.086	mg/L	0.0023	10/26/23 21:43	
EPA 6020B	Iron, Dissolved	9.7	mg/L	0.25	10/26/23 21:43	
EPA 6020B	Manganese, Dissolved	0.085	mg/L	0.0040	10/26/23 21:43	
EPA 300.0	Chloride	6.3J	mg/L	10.0	10/30/23 16:14	D3
EPA 300.0	Sulfate	48.0	mg/L	10.0	10/30/23 16:14	
EPA 310.2	Alkalinity, Total as CaCO3	491	mg/L	50.0	10/25/23 14:12	M0
EPA 410.4	Chemical Oxygen Demand	32.4J	mg/L	50.0	10/31/23 08:45	
SM 5310C	Total Organic Carbon	3.8	mg/L	0.50	10/25/23 19:42	
<b>40269928046</b>	<b>PZ-2301D</b>					
EPA 8015B Modified	Ethane	8.1	ug/L	5.6	10/25/23 13:45	
EPA 8015B Modified	Ethene	6.8	ug/L	5.0	10/25/23 13:45	
EPA 8015B Modified	Methane	767	ug/L	28.0	10/25/23 16:17	
EPA 6020B	Iron	0.24J	mg/L	0.25	10/28/23 02:36	
EPA 6020B	Manganese	0.0014J	mg/L	0.0040	10/28/23 02:36	
EPA 6020B	Barium, Dissolved	0.019	mg/L	0.0023	10/26/23 21:51	
SM 4500-S F (2000)	Sulfide	1.2J	mg/L	4.0	10/24/23 11:24	
EPA 300.0	Chloride	22.8	mg/L	10.0	10/30/23 16:29	
EPA 300.0	Sulfate	39.5	mg/L	10.0	10/30/23 16:29	
EPA 310.2	Alkalinity, Total as CaCO3	99.3	mg/L	25.0	10/25/23 12:08	
SM 5310C	Total Organic Carbon	1.4	mg/L	0.50	10/25/23 19:58	

### REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928047</b>	<b>MW-2303</b>					
EPA 8015B Modified	Ethane	23.6	ug/L	5.6	10/25/23 13:52	
EPA 8015B Modified	Ethane	281	ug/L	5.0	10/25/23 13:52	
EPA 8015B Modified	Methane	2050	ug/L	70.0	10/25/23 16:24	
EPA 6020B	Iron	7.4	mg/L	0.25	10/28/23 02:41	
EPA 6020B	Manganese	0.22	mg/L	0.0040	10/28/23 02:41	
EPA 6020B	Barium, Dissolved	0.22	mg/L	0.0023	10/26/23 21:58	
EPA 6020B	Chromium, Dissolved	0.0012J	mg/L	0.0034	10/26/23 21:58	
EPA 6020B	Iron, Dissolved	8.1	mg/L	0.25	10/26/23 21:58	D9
EPA 6020B	Manganese, Dissolved	0.23	mg/L	0.0040	10/26/23 21:58	D9
EPA 6020B	Nickel, Dissolved	0.00056J	mg/L	0.0010	10/26/23 21:58	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	10/27/23 14:03	
EPA 8260	Trichloroethene	0.58J	ug/L	1.0	10/27/23 14:03	
EPA 8260	Vinyl chloride	45.2	ug/L	1.0	10/27/23 14:03	
EPA 300.0	Chloride	113	mg/L	20.0	10/30/23 17:26	
EPA 300.0	Sulfate	225	mg/L	20.0	10/30/23 17:26	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	395	mg/L	50.0	10/25/23 12:10	
SM 5310C	Total Organic Carbon	3.0	mg/L	0.50	10/25/23 20:13	
<b>40269928048</b>	<b>PZ-2303</b>					
EPA 8015B Modified	Ethane	10.6	ug/L	5.6	10/25/23 13:59	
EPA 8015B Modified	Methane	3510	ug/L	140	10/25/23 16:31	
EPA 6020B	Iron	7.0	mg/L	0.25	10/28/23 02:47	
EPA 6020B	Manganese	0.27	mg/L	0.0040	10/28/23 02:47	
EPA 6020B	Barium, Dissolved	0.33	mg/L	0.0023	10/26/23 22:05	
EPA 6020B	Iron, Dissolved	5.9	mg/L	0.25	10/26/23 22:05	
EPA 6020B	Manganese, Dissolved	0.25	mg/L	0.0040	10/26/23 22:05	
EPA 6020B	Nickel, Dissolved	0.00038J	mg/L	0.0010	10/26/23 22:05	
EPA 300.0	Chloride	167	mg/L	20.0	10/30/23 17:40	
EPA 300.0	Sulfate	281	mg/L	20.0	10/30/23 17:40	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	643	mg/L	125	10/25/23 12:11	
SM 5310C	Total Organic Carbon	1.9	mg/L	0.50	10/25/23 20:30	
<b>40269928049</b>	<b>MW-2102</b>					
EPA 8015B Modified	Ethane	6.5	ug/L	5.0	10/25/23 14:06	
EPA 8015B Modified	Methane	5850	ug/L	280	10/25/23 16:38	
EPA 6020B	Iron	4.0	mg/L	0.50	10/31/23 01:47	
EPA 6020B	Manganese	0.42	mg/L	0.0081	10/31/23 01:47	
EPA 6020B	Barium, Dissolved	0.065	mg/L	0.0023	10/26/23 22:13	
EPA 6020B	Iron, Dissolved	0.21J	mg/L	0.25	10/27/23 21:26	
EPA 6020B	Manganese, Dissolved	0.50	mg/L	0.0040	10/26/23 22:13	D9
EPA 6020B	Nickel, Dissolved	0.0035	mg/L	0.0010	10/26/23 22:13	
EPA 8260	1,1-Dichloroethane	0.97J	ug/L	1.0	10/27/23 14:20	
EPA 8260	cis-1,2-Dichloroethene	0.51J	ug/L	1.0	10/27/23 14:20	
EPA 8260	Trichloroethene	0.60J	ug/L	1.0	10/27/23 14:20	
EPA 8260	Vinyl chloride	2.2	ug/L	1.0	10/27/23 14:20	
SM 4500-S F (2000)	Sulfide	4.4	mg/L	4.0	10/24/23 11:34	
EPA 300.0	Chloride	40.1	mg/L	20.0	10/30/23 17:55	
EPA 300.0	Sulfate	880	mg/L	100	10/31/23 18:56	

## REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928049</b>	<b>MW-2102</b>					
EPA 310.2	Alkalinity, Total as CaCO3	592	mg/L	125	10/25/23 12:12	
EPA 410.4	Chemical Oxygen Demand	333	mg/L	50.0	10/31/23 08:46	
SM 5310C	Total Organic Carbon	67.9	mg/L	15.0	10/30/23 08:12	
<b>40269928050</b>	<b>MW-2101</b>					
EPA 8015B Modified	Ethane	105	ug/L	5.6	10/27/23 12:31	
EPA 8015B Modified	Ethene	321	ug/L	5.0	10/27/23 12:31	
EPA 8015B Modified	Methane	6680	ug/L	280	10/27/23 15:31	
EPA 6020B	Iron	41.1	mg/L	0.50	10/31/23 02:03	
EPA 6020B	Manganese	0.034	mg/L	0.0081	10/31/23 02:03	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0023	10/26/23 22:20	
EPA 6020B	Iron, Dissolved	53.6	mg/L	0.25	10/26/23 22:20	CR
EPA 6020B	Manganese, Dissolved	0.037	mg/L	0.0040	10/26/23 22:20	D9
EPA 8260	Benzene	1.1	ug/L	1.0	10/27/23 14:37	
EPA 8260	Toluene	0.71J	ug/L	1.0	10/27/23 14:37	
EPA 300.0	Chloride	77.4	mg/L	20.0	10/30/23 18:09	
EPA 310.2	Alkalinity, Total as CaCO3	522	mg/L	50.0	10/25/23 12:13	
EPA 410.4	Chemical Oxygen Demand	723	mg/L	50.0	10/31/23 08:46	
SM 5310C	Total Organic Carbon	277	mg/L	15.0	10/30/23 08:58	
<b>40269928051</b>	<b>MW-2111</b>					
EPA 8015B Modified	Ethane	137	ug/L	5.6	10/27/23 12:38	
EPA 8015B Modified	Ethene	180	ug/L	5.0	10/27/23 12:38	
EPA 8015B Modified	Methane	4470	ug/L	140	10/27/23 15:38	
EPA 6020B	Iron	117	mg/L	0.25	10/25/23 11:04	
EPA 6020B	Manganese	0.24	mg/L	0.0040	10/25/23 11:04	
EPA 6020B	Barium, Dissolved	0.060	mg/L	0.0023	10/26/23 06:41	
EPA 6020B	Iron, Dissolved	140	mg/L	0.25	10/26/23 06:41	D9
EPA 6020B	Manganese, Dissolved	0.32	mg/L	0.0040	10/27/23 02:01	CR
EPA 6020B	Nickel, Dissolved	0.014	mg/L	0.0010	10/26/23 06:41	
EPA 8260	Benzene	1.4	ug/L	1.0	10/30/23 11:41	
EPA 8260	cis-1,2-Dichloroethene	19.4	ug/L	1.0	10/30/23 11:41	
EPA 8260	Toluene	0.70J	ug/L	1.0	10/30/23 11:41	
EPA 8260	Trichloroethene	1.4	ug/L	1.0	10/30/23 11:41	
EPA 8260	Vinyl chloride	5.9	ug/L	1.0	10/30/23 11:41	
EPA 300.0	Chloride	70.7	mg/L	40.0	10/30/23 18:23	
EPA 300.0	Sulfate	9.1J	mg/L	40.0	10/30/23 18:23	D3
EPA 310.2	Alkalinity, Total as CaCO3	1490	mg/L	250	10/25/23 12:14	
EPA 410.4	Chemical Oxygen Demand	3250	mg/L	400	10/31/23 08:46	
SM 5310C	Total Organic Carbon	1050	mg/L	50.0	10/30/23 09:48	
<b>40269928052</b>	<b>MW-2110</b>					
EPA 8015B Modified	Methane	4.0	ug/L	2.8	10/27/23 14:56	
EPA 6020B	Iron	0.50	mg/L	0.25	10/28/23 03:02	
EPA 6020B	Manganese	0.18	mg/L	0.0040	10/25/23 11:19	
EPA 6020B	Barium, Dissolved	0.058	mg/L	0.0023	10/26/23 07:11	
EPA 6020B	Iron, Dissolved	0.47	mg/L	0.25	10/26/23 07:11	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	10/27/23 02:15	
EPA 6020B	Nickel, Dissolved	0.00060J	mg/L	0.0010	10/26/23 07:11	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928052</b>	<b>MW-2110</b>					
EPA 8260	cis-1,2-Dichloroethene	6.8	ug/L	1.0	10/27/23 12:54	
EPA 8260	Vinyl chloride	6.3	ug/L	1.0	10/27/23 12:54	
EPA 300.0	Chloride	140	mg/L	40.0	10/30/23 18:38	
EPA 300.0	Sulfate	347	mg/L	40.0	10/30/23 18:38	
EPA 310.2	Alkalinity, Total as CaCO3	3590	mg/L	250	10/25/23 12:15	
EPA 410.4	Chemical Oxygen Demand	25.9J	mg/L	50.0	10/31/23 08:46	
SM 5310C	Total Organic Carbon	2.8	mg/L	0.50	10/30/23 10:04	
<b>40269928053</b>	<b>PZ-2110</b>					
EPA 8015B Modified	Methane	8.1	ug/L	2.8	10/27/23 12:52	
EPA 6020B	Iron	1.5	mg/L	0.25	10/26/23 23:19	
EPA 6020B	Manganese	0.15	mg/L	0.0040	10/25/23 11:26	
EPA 6020B	Barium, Dissolved	0.053	mg/L	0.0023	10/26/23 07:40	
EPA 6020B	Iron, Dissolved	2.1	mg/L	0.25	10/26/23 07:40	CR
EPA 6020B	Manganese, Dissolved	0.16	mg/L	0.0040	10/27/23 02:23	D9
EPA 6020B	Nickel, Dissolved	0.0015	mg/L	0.0010	10/26/23 07:40	
EPA 300.0	Chloride	529	mg/L	40.0	10/30/23 18:52	
EPA 300.0	Sulfate	390	mg/L	40.0	10/30/23 18:52	
EPA 310.2	Alkalinity, Total as CaCO3	324	mg/L	25.0	10/25/23 12:24	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	10/30/23 10:43	
<b>40269928054</b>	<b>PZ-2111</b>					
EPA 8015B Modified	Ethane	19.6	ug/L	5.6	10/27/23 12:59	pH
EPA 8015B Modified	Ethene	41.2	ug/L	5.0	10/27/23 12:59	pH
EPA 8015B Modified	Methane	6140	ug/L	280	10/27/23 15:45	pH
EPA 6020B	Iron	185	mg/L	0.50	10/25/23 11:33	
EPA 6020B	Manganese	0.42	mg/L	0.0081	10/25/23 11:33	
EPA 6020B	Barium, Dissolved	1.4	mg/L	0.047	10/27/23 04:35	
EPA 6020B	Iron, Dissolved	175	mg/L	0.50	10/26/23 07:47	
EPA 6020B	Manganese, Dissolved	0.32	mg/L	0.0081	10/27/23 02:30	
EPA 8260	Benzene	0.41J	ug/L	1.0	10/27/23 14:54	
EPA 8260	cis-1,2-Dichloroethene	6.5	ug/L	1.0	10/27/23 14:54	
EPA 8260	Vinyl chloride	0.81J	ug/L	1.0	10/27/23 14:54	
EPA 300.0	Chloride	99.3	mg/L	20.0	10/30/23 19:07	MO
EPA 310.2	Alkalinity, Total as CaCO3	2440	mg/L	250	10/25/23 12:25	
EPA 410.4	Chemical Oxygen Demand	5190	mg/L	400	10/31/23 08:46	
SM 5310C	Total Organic Carbon	1700	mg/L	150	10/30/23 11:01	
<b>40269928055</b>	<b>MW-2112</b>					
EPA 8015B Modified	Ethene	5.2	ug/L	5.0	10/27/23 13:20	
EPA 8015B Modified	Methane	3970	ug/L	56.0	10/27/23 15:52	
EPA 6020B	Iron	2.2	mg/L	0.25	10/25/23 11:41	
EPA 6020B	Manganese	0.78	mg/L	0.0040	10/25/23 11:41	
EPA 6020B	Barium, Dissolved	0.14	mg/L	0.0023	10/26/23 07:55	
EPA 6020B	Iron, Dissolved	1.8	mg/L	0.25	10/26/23 07:55	
EPA 6020B	Manganese, Dissolved	0.74	mg/L	0.0040	10/27/23 02:37	
EPA 6020B	Nickel, Dissolved	0.0015	mg/L	0.0010	10/26/23 07:55	
EPA 8260	cis-1,2-Dichloroethene	5.8	ug/L	1.0	10/30/23 11:06	
EPA 8260	Trichloroethene	0.52J	ug/L	1.0	10/30/23 11:06	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928055</b>	<b>MW-2112</b>					
EPA 8260	Vinyl chloride	12.3	ug/L	1.0	10/30/23 11:06	
EPA 300.0	Chloride	32.6	mg/L	20.0	10/30/23 13:16	
EPA 300.0	Sulfate	223	mg/L	20.0	10/30/23 13:16	M0
EPA 310.2	Alkalinity, Total as CaCO3	316	mg/L	50.0	10/31/23 10:24	
EPA 410.4	Chemical Oxygen Demand	88.7	mg/L	50.0	10/31/23 08:46	
SM 5310C	Total Organic Carbon	16.2	mg/L	5.0	10/30/23 11:15	
<b>40269928056</b>	<b>PZ-2112</b>					
EPA 8015B Modified	Methane	906	ug/L	14.0	10/27/23 15:59	
EPA 6020B	Iron	1.3	mg/L	0.25	10/26/23 23:26	
EPA 6020B	Manganese	0.023	mg/L	0.0040	10/25/23 11:48	
EPA 6020B	Barium, Dissolved	0.23	mg/L	0.0023	10/26/23 08:02	
EPA 6020B	Iron, Dissolved	1.2	mg/L	0.25	10/26/23 08:02	
EPA 6020B	Manganese, Dissolved	0.026	mg/L	0.0040	10/27/23 02:45	D9
EPA 6020B	Nickel, Dissolved	0.0026	mg/L	0.0010	10/26/23 08:02	
EPA 300.0	Chloride	203	mg/L	20.0	10/30/23 14:01	
EPA 300.0	Sulfate	47.1	mg/L	20.0	10/30/23 14:01	
EPA 310.2	Alkalinity, Total as CaCO3	535	mg/L	50.0	10/31/23 10:27	
SM 5310C	Total Organic Carbon	3.3	mg/L	0.50	10/30/23 11:31	
<b>40269928057</b>	<b>MW-2109</b>					
EPA 8260	cis-1,2-Dichloroethene	26.8	ug/L	1.0	10/27/23 17:25	
EPA 8260	Vinyl chloride	54.6	ug/L	1.0	10/27/23 17:25	
<b>40269928058</b>	<b>PZ-2109</b>					
EPA 8260	cis-1,2-Dichloroethene	2.4	ug/L	1.0	10/27/23 15:29	
EPA 8260	Vinyl chloride	15.4	ug/L	1.0	10/27/23 15:29	
<b>40269928059</b>	<b>MW-115</b>					
EPA 8260	1,1,1-Trichloroethane	0.40J	ug/L	1.0	10/27/23 13:28	
<b>40269928060</b>	<b>MW-114</b>					
EPA 8260	Toluene	1.3	ug/L	1.0	10/27/23 15:46	
<b>40269928061</b>	<b>MW-113</b>					
EPA 8260	Chloroform	0.71J	ug/L	5.0	10/26/23 21:35	
<b>40269928062</b>	<b>PZ-118</b>					
EPA 8260	cis-1,2-Dichloroethene	2.4	ug/L	1.0	10/26/23 21:52	
EPA 8260	Vinyl chloride	0.99J	ug/L	1.0	10/26/23 21:52	
<b>40269928065</b>	<b>MW-101</b>					
EPA 8260	1,1,1-Trichloroethane	0.88J	ug/L	1.0	10/26/23 22:44	
<b>40269928066</b>	<b>MW-61</b>					
EPA 8015B Modified	Ethane	29.5	ug/L	5.6	10/27/23 13:34	
EPA 8015B Modified	Ethene	369	ug/L	5.0	10/27/23 13:34	
EPA 8015B Modified	Methane	1750	ug/L	28.0	10/27/23 17:15	
EPA 6020B	Iron	3.7	mg/L	0.25	10/25/23 11:55	
EPA 6020B	Manganese	0.30	mg/L	0.0040	10/25/23 11:55	
EPA 6020B	Barium, Dissolved	0.14	mg/L	0.0023	10/26/23 08:09	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40269928066</b>	<b>MW-61</b>					
EPA 6020B	Iron, Dissolved	3.6	mg/L	0.25	10/26/23 08:09	
EPA 6020B	Manganese, Dissolved	0.28	mg/L	0.0040	10/27/23 02:52	
EPA 6020B	Nickel, Dissolved	0.0016	mg/L	0.0010	10/26/23 08:09	
EPA 8260	Benzene	12.0	ug/L	10.0	10/27/23 00:45	
EPA 8260	cis-1,2-Dichloroethene	1890	ug/L	10.0	10/27/23 00:45	
EPA 8260	trans-1,2-Dichloroethene	14.4	ug/L	10.0	10/27/23 00:45	
EPA 8260	Trichloroethene	11.4	ug/L	10.0	10/27/23 00:45	
EPA 8260	Vinyl chloride	1960	ug/L	10.0	10/27/23 00:45	
EPA 300.0	Chloride	89.4	mg/L	20.0	10/30/23 14:15	
EPA 300.0	Sulfate	466	mg/L	20.0	10/30/23 14:15	
EPA 310.2	Alkalinity, Total as CaCO3	203	mg/L	25.0	10/31/23 10:28	
EPA 410.4	Chemical Oxygen Demand	32.4J	mg/L	50.0	10/31/23 08:46	
SM 5310C	Total Organic Carbon	13.2	mg/L	3.0	10/30/23 11:47	
<b>40269928067</b>	<b>MW-61D</b>					
EPA 8015B Modified	Ethane	35.8	ug/L	5.6	10/27/23 13:41	
EPA 8015B Modified	Ethene	457	ug/L	5.0	10/27/23 13:41	
EPA 8015B Modified	Methane	1520	ug/L	28.0	10/27/23 17:22	
EPA 6020B	Iron	3.7	mg/L	0.25	10/25/23 12:32	
EPA 6020B	Manganese	0.30	mg/L	0.0040	10/26/23 23:34	
EPA 6020B	Barium, Dissolved	0.13	mg/L	0.0023	10/26/23 08:17	
EPA 6020B	Iron, Dissolved	3.7	mg/L	0.25	10/26/23 08:17	D9
EPA 6020B	Manganese, Dissolved	0.28	mg/L	0.0040	10/27/23 03:29	
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	10/26/23 08:17	
EPA 8260	Benzene	10.6	ug/L	10.0	10/27/23 01:02	
EPA 8260	cis-1,2-Dichloroethene	1960	ug/L	10.0	10/27/23 01:02	
EPA 8260	trans-1,2-Dichloroethene	7.7J	ug/L	10.0	10/27/23 01:02	
EPA 8260	Trichloroethene	11.8	ug/L	10.0	10/27/23 01:02	
EPA 8260	Vinyl chloride	1900	ug/L	10.0	10/27/23 01:02	
EPA 300.0	Chloride	92.7	mg/L	40.0	10/30/23 15:18	
EPA 300.0	Sulfate	456	mg/L	40.0	10/30/23 15:18	
EPA 310.2	Alkalinity, Total as CaCO3	204	mg/L	25.0	10/31/23 10:29	
EPA 410.4	Chemical Oxygen Demand	40.9J	mg/L	52.6	10/31/23 08:49	
SM 5310C	Total Organic Carbon	12.4	mg/L	3.0	10/30/23 12:02	
<b>40269928068</b>	<b>PZ-61</b>					
EPA 8015B Modified	Ethane	10.8	ug/L	5.6	10/27/23 13:47	
EPA 8015B Modified	Methane	6410	ug/L	140	10/27/23 16:45	
EPA 6020B	Iron	49.6	mg/L	0.25	10/25/23 12:39	
EPA 6020B	Manganese	0.16	mg/L	0.0040	10/26/23 23:41	
EPA 6020B	Barium, Dissolved	0.33	mg/L	0.0023	10/26/23 08:24	
EPA 6020B	Iron, Dissolved	53.9	mg/L	0.25	10/26/23 08:24	D9
EPA 6020B	Manganese, Dissolved	0.16	mg/L	0.0040	10/27/23 03:36	
EPA 6020B	Nickel, Dissolved	0.010	mg/L	0.0010	10/26/23 08:24	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	10/26/23 23:02	
EPA 8260	Toluene	1.2	ug/L	1.0	10/26/23 23:02	
EPA 300.0	Chloride	637	mg/L	40.0	10/30/23 15:33	
EPA 300.0	Sulfate	19.2J	mg/L	40.0	10/30/23 15:33	D3

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928068</b>	<b>PZ-61</b>					
EPA 310.2	Alkalinity, Total as CaCO3	788	mg/L	125	10/31/23 10:30	
EPA 410.4	Chemical Oxygen Demand	86.5	mg/L	52.6	10/31/23 08:49	
SM 5310C	Total Organic Carbon	19.7	mg/L	5.0	10/30/23 12:17	
<b>40269928069</b>	<b>MW-2103</b>					
EPA 8015B Modified	Ethane	0.42J	ug/L	5.6	10/27/23 13:54	
EPA 8015B Modified	Ethene	7.9	ug/L	5.0	10/27/23 13:54	
EPA 8015B Modified	Methane	110	ug/L	2.8	10/27/23 13:54	
EPA 6020B	Iron	8.2	mg/L	0.25	10/25/23 12:47	
EPA 6020B	Manganese	0.29	mg/L	0.0040	10/26/23 23:48	
EPA 6020B	Barium, Dissolved	0.064	mg/L	0.0023	10/26/23 08:31	
EPA 6020B	Iron, Dissolved	5.5	mg/L	0.25	10/26/23 08:31	
EPA 6020B	Manganese, Dissolved	0.28	mg/L	0.0040	10/27/23 03:43	
EPA 6020B	Nickel, Dissolved	0.0052	mg/L	0.0010	10/26/23 08:31	
EPA 8260	cis-1,2-Dichloroethene	170	ug/L	2.0	10/27/23 10:54	
EPA 8260	Trichloroethene	119	ug/L	2.0	10/27/23 10:54	
EPA 8260	Vinyl chloride	53.8	ug/L	2.0	10/27/23 10:54	
EPA 300.0	Chloride	86.9	mg/L	40.0	10/30/23 15:47	
EPA 300.0	Sulfate	1830	mg/L	200	10/31/23 12:38	
EPA 310.2	Alkalinity, Total as CaCO3	379	mg/L	125	10/31/23 10:31	
EPA 410.4	Chemical Oxygen Demand	106	mg/L	50.0	10/31/23 08:50	
SM 5310C	Total Organic Carbon	28.5	mg/L	3.0	10/30/23 12:33	
<b>40269928070</b>	<b>MW-2103D</b>					
EPA 8015B Modified	Ethane	0.56J	ug/L	5.6	10/27/23 14:01	
EPA 8015B Modified	Ethene	9.2	ug/L	5.0	10/27/23 14:01	
EPA 8015B Modified	Methane	132	ug/L	2.8	10/27/23 14:01	
EPA 6020B	Iron	7.8	mg/L	0.25	10/25/23 12:54	
EPA 6020B	Manganese	0.28	mg/L	0.0040	10/26/23 23:56	
EPA 6020B	Barium, Dissolved	0.064	mg/L	0.0023	10/26/23 08:46	
EPA 6020B	Iron, Dissolved	5.6	mg/L	0.25	10/26/23 08:46	
EPA 6020B	Manganese, Dissolved	0.28	mg/L	0.0040	10/26/23 08:46	
EPA 6020B	Nickel, Dissolved	0.0053	mg/L	0.0010	10/26/23 08:46	
EPA 8260	1,1-Dichloroethene	0.63J	ug/L	1.0	10/27/23 10:37	
EPA 8260	cis-1,2-Dichloroethene	183	ug/L	1.0	10/27/23 10:37	
EPA 8260	trans-1,2-Dichloroethene	1.2	ug/L	1.0	10/27/23 10:37	
EPA 8260	Trichloroethene	129	ug/L	1.0	10/27/23 10:37	
EPA 8260	Vinyl chloride	57.3	ug/L	1.0	10/27/23 10:37	
EPA 300.0	Chloride	75.8	mg/L	20.0	10/30/23 16:02	
EPA 300.0	Sulfate	1690	mg/L	200	10/31/23 12:53	
EPA 310.2	Alkalinity, Total as CaCO3	384	mg/L	125	10/31/23 10:35	
EPA 410.4	Chemical Oxygen Demand	128	mg/L	50.0	10/31/23 08:50	
SM 5310C	Total Organic Carbon	29.7	mg/L	3.0	10/30/23 12:49	
<b>40269928071</b>	<b>PZ-2103</b>					
EPA 8015B Modified	Ethane	499	ug/L	5.6	10/27/23 14:08	pH
EPA 8015B Modified	Ethene	5600	ug/L	125	10/27/23 16:52	pH
EPA 8015B Modified	Methane	58.5	ug/L	2.8	10/27/23 14:08	pH
EPA 6020B	Iron	111	mg/L	50.0	10/26/23 10:51	

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928071</b>	<b>PZ-2103</b>					
EPA 6020B	Manganese	1.1	mg/L	0.81	10/26/23 10:51	
EPA 6020B	Calcium, Dissolved	505	mg/L	25.4	10/26/23 09:23	
EPA 6020B	Iron, Dissolved	91.0	mg/L	25.0	10/26/23 09:23	
EPA 6020B	Magnesium, Dissolved	201	mg/L	25.0	10/26/23 09:23	
EPA 6020B	Manganese, Dissolved	1.0	mg/L	0.40	10/26/23 09:23	
EPA 6020B	Sodium, Dissolved	6330	mg/L	25.0	10/26/23 09:23	
EPA 8260	cis-1,2-Dichloroethene	64700	ug/L	5000	10/26/23 23:36	
EPA 8260	Trichloroethene	597000	ug/L	5000	10/26/23 23:36	
SM 4500-S F (2000)	Sulfide	1.6J	mg/L	4.0	10/25/23 11:45	
EPA 300.0	Chloride	803	mg/L	40.0	10/30/23 16:17	
EPA 300.0	Sulfate	9650	mg/L	1000	10/31/23 13:08	
EPA 310.2	Alkalinity, Total as CaCO3	3700	mg/L	250	10/31/23 10:36	
EPA 410.4	Chemical Oxygen Demand	3940	mg/L	1000	10/31/23 08:50	P4
SM 5310C	Total Organic Carbon	1350	mg/L	50.0	10/30/23 13:06	
<b>40269928072</b>	<b>PZ-2103D</b>					
EPA 8015B Modified	Ethane	479	ug/L	5.6	10/27/23 14:15	pH
EPA 8015B Modified	Ethene	9170	ug/L	125	10/27/23 16:59	pH
EPA 8015B Modified	Methane	56.3	ug/L	2.8	10/27/23 14:15	pH
EPA 6020B	Iron	96.2	mg/L	25.0	10/31/23 07:17	
EPA 6020B	Manganese	1.0	mg/L	0.40	10/31/23 07:17	
EPA 6020B	Calcium, Dissolved	512	mg/L	25.4	10/31/23 14:00	
EPA 6020B	Iron, Dissolved	85.8	mg/L	25.0	10/31/23 07:10	
EPA 6020B	Magnesium, Dissolved	84.2	mg/L	25.0	10/31/23 07:10	
EPA 6020B	Manganese, Dissolved	1.1	mg/L	0.40	10/31/23 07:10	D9
EPA 6020B	Sodium, Dissolved	6670	mg/L	25.0	10/31/23 07:10	
EPA 8260	cis-1,2-Dichloroethene	49200	ug/L	5000	10/26/23 23:53	
EPA 8260	Trichloroethene	479000	ug/L	5000	10/26/23 23:53	
EPA 300.0	Chloride	958J	mg/L	1000	10/31/23 13:23	D3
EPA 300.0	Sulfate	9820	mg/L	1000	10/31/23 13:23	
EPA 310.2	Alkalinity, Total as CaCO3	3680	mg/L	250	10/31/23 10:37	
EPA 410.4	Chemical Oxygen Demand	4240	mg/L	1000	10/31/23 08:50	P4
SM 5310C	Total Organic Carbon	1400	mg/L	50.0	10/30/23 13:43	
<b>40269928073</b>	<b>PZ-2101</b>					
EPA 8015B Modified	Ethane	3210	ug/L	560	10/27/23 17:06	pH
EPA 8015B Modified	Ethene	15300	ug/L	500	10/27/23 17:06	pH
EPA 8015B Modified	Methane	997	ug/L	280	10/27/23 17:06	pH
EPA 6020B	Iron	304	mg/L	1.2	10/25/23 18:09	
EPA 6020B	Manganese	1.2	mg/L	0.020	10/27/23 00:18	
EPA 6020B	Barium, Dissolved	1.8	mg/L	0.047	10/26/23 09:37	
EPA 6020B	Calcium, Dissolved	1140	mg/L	5.1	10/26/23 09:37	
EPA 6020B	Iron, Dissolved	385	mg/L	5.0	10/26/23 09:37	CR
EPA 6020B	Magnesium, Dissolved	203	mg/L	5.0	10/26/23 09:37	
EPA 6020B	Manganese, Dissolved	1.2	mg/L	0.081	10/26/23 09:37	D9
EPA 6020B	Potassium, Dissolved	7.7J	mg/L	15.8	10/26/23 09:37	D3
EPA 6020B	Sodium, Dissolved	536	mg/L	5.0	10/26/23 09:37	
EPA 8260	1,1-Dichloroethene	248J	ug/L	250	10/27/23 00:11	

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### SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40269928

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40269928073</b>	<b>PZ-2101</b>					
EPA 8260	cis-1,2-Dichloroethene	61700	ug/L	1000	10/27/23 11:28	pH
EPA 8260	Trichloroethene	52000	ug/L	250	10/27/23 00:11	
EPA 8260	Vinyl chloride	23600	ug/L	250	10/27/23 00:11	
SM 4500-S F (2000)	Sulfide	2.0J	mg/L	4.0	10/25/23 11:51	
EPA 300.0	Chloride	868	mg/L	40.0	10/30/23 16:47	
EPA 300.0	Sulfate	9.3J	mg/L	40.0	10/30/23 16:47	D3
EPA 310.2	Alkalinity, Total as CaCO3	3490	mg/L	250	10/31/23 10:38	
EPA 410.4	Chemical Oxygen Demand	8270	mg/L	1000	10/31/23 08:50	
SM 5310C	Total Organic Carbon	2890	mg/L	150	10/30/23 13:59	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: TB-01 Lab ID: 40269928001 Collected: 10/16/23 12:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 12:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:11	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 12:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:11	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 12:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 12:11	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 12:11	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 12:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 12:11	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 12:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 12:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 12:11	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 12:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 12:11	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 12:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 12:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 12:11	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 12:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 12:11	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 12:11	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 12:11	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 12:11	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 12:11	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 12:11	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:11	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 12:11	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 12:11	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 12:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 12:11	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 12:11	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:11	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:11	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 12:11	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 12:11	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 12:11	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 12:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 12:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 12:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 12:11	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 12:11	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 12:11	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 12:11	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 12:11	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 12:11	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:11	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: TB-01 Lab ID: 40269928001 Collected: 10/16/23 12:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 12:11	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 12:11	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 12:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 12:11	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 12:11	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 12:11	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:11	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 12:11	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 12:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:11	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 12:11	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 12:11	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:11	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 12:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 12:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/25/23 12:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/25/23 12:11	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 12:11	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2106 Lab ID: 40269928002 Collected: 10/16/23 10:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	0.45J	ug/L	5.6	0.39	1		10/25/23 11:22	74-84-0	
Ethene	2.3J	ug/L	5.0	0.25	1		10/25/23 11:22	74-85-1	
Methane	447	ug/L	5.6	1.2	2		10/25/23 14:33	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	6.3	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 10:20	7439-89-6	
Manganese	0.26	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 10:20	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.14	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 06:12	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 06:12	7440-47-3	
Iron, Dissolved	6.4	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 06:12	7439-89-6	D9
Lead, Dissolved	0.00042J	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 06:12	7439-92-1	
Manganese, Dissolved	0.25	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 01:17	7439-96-5	
Nickel, Dissolved	0.0030	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 06:12	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 17:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:05	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 17:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:05	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 17:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 17:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 17:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 17:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 17:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 17:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 17:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 17:05	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 17:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 17:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 17:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 17:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 17:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 17:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 17:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 17:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 17:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 17:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 17:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 17:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:05	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2106 Lab ID: 40269928002 Collected: 10/16/23 10:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 17:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 17:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 17:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 17:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 17:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:05	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 17:05	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 17:05	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 17:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 17:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 17:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 17:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 17:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 17:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 17:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 17:05	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 17:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 17:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:05	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 17:05	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 17:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 17:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 17:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 17:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 17:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 17:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 17:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 17:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 17:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 17:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 17:05	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/25/23 17:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/25/23 17:05	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 17:05	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		10/23/23 13:23		
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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2106 Lab ID: 40269928002 Collected: 10/16/23 10:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>37.8J</b>	mg/L	100	29.6	50		10/30/23 16:47	16887-00-6	D3
Sulfate	<b>1470</b>	mg/L	100	22.2	50		10/30/23 16:47	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>231</b>	mg/L	50.0	14.9	2		10/25/23 11:40		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>40.9J</b>	mg/L	52.6	15.5	1	10/31/23 05:15	10/31/23 08:38		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>8.1</b>	mg/L	3.0	0.83	6		10/26/23 04:30	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2105 Lab ID: 40269928003 Collected: 10/16/23 12:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.38J	ug/L	1.0	0.30	1		10/25/23 18:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 18:04	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 18:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 18:04	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 18:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 18:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 18:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 18:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 18:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 18:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 18:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 18:04	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 18:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 18:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 18:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 18:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 18:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 18:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 18:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 18:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 18:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 18:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 18:04	75-71-8	
1,1-Dichloroethane	0.81J	ug/L	1.0	0.30	1		10/25/23 18:04	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 18:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 18:04	75-35-4	
cis-1,2-Dichloroethene	22.3	ug/L	1.0	0.47	1		10/25/23 18:04	156-59-2	
trans-1,2-Dichloroethene	0.55J	ug/L	1.0	0.53	1		10/25/23 18:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 18:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 18:04	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 18:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 18:04	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 18:04	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 18:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 18:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 18:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 18:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 18:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 18:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 18:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 18:04	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 18:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 18:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 18:04	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2105 Lab ID: 40269928003 Collected: 10/16/23 12:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 18:04	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 18:04	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 18:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 18:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 18:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 18:04	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 18:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 18:04	79-00-5	
Trichloroethene	10.7	ug/L	1.0	0.32	1		10/25/23 18:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 18:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 18:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 18:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 18:04	108-67-8	
Vinyl chloride	2.8	ug/L	1.0	0.17	1		10/25/23 18:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 18:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	85	%	70-130		1		10/25/23 18:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/25/23 18:04	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 18:04	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2105 Lab ID: 40269928004 Collected: 10/16/23 12:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 17:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:25	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 17:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:25	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 17:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 17:25	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 17:25	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 17:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 17:25	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 17:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 17:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 17:25	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 17:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 17:25	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 17:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 17:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 17:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 17:25	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 17:25	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 17:25	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 17:25	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 17:25	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 17:25	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:25	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 17:25	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 17:25	75-35-4	
cis-1,2-Dichloroethene	0.76J	ug/L	1.0	0.47	1		10/25/23 17:25	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 17:25	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 17:25	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:25	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:25	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 17:25	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 17:25	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 17:25	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 17:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 17:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 17:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 17:25	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 17:25	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 17:25	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 17:25	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 17:25	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 17:25	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:25	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2105 Lab ID: 40269928004 Collected: 10/16/23 12:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 17:25	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 17:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 17:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 17:25	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 17:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 17:25	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 17:25	79-00-5	
Trichloroethene	0.85J	ug/L	1.0	0.32	1		10/25/23 17:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:25	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 17:25	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 17:25	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:25	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 17:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 17:25	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	84	%	70-130		1		10/25/23 17:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/25/23 17:25	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 17:25	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-112 Lab ID: 40269928005 Collected: 10/16/23 13:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 12:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:31	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 12:31	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:31	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 12:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 12:31	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 12:31	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 12:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 12:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 12:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 12:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 12:31	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 12:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 12:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 12:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 12:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 12:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 12:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 12:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 12:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 12:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 12:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 12:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 12:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:31	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 12:31	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 12:31	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 12:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 12:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 12:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:31	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 12:31	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 12:31	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 12:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 12:31	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 12:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 12:31	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 12:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 12:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 12:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 12:31	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 12:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 12:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:31	100-42-5	

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**ANALYTICAL RESULTS**

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: MW-112**      **Lab ID: 40269928005**      Collected: 10/16/23 13:10      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 12:31	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 12:31	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 12:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 12:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 12:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 12:31	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 12:31	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 12:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 12:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 12:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 12:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 12:31	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/25/23 12:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/25/23 12:31	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/25/23 12:31	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-117 Lab ID: 40269928006 Collected: 10/16/23 14:05 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 12:50	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:50	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 12:50	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:50	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 12:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 12:50	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 12:50	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 12:50	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 12:50	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 12:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 12:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 12:50	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 12:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 12:50	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 12:50	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 12:50	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 12:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 12:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 12:50	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 12:50	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 12:50	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 12:50	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 12:50	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 12:50	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:50	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 12:50	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 12:50	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 12:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 12:50	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 12:50	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:50	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:50	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 12:50	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 12:50	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 12:50	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 12:50	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 12:50	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 12:50	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 12:50	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 12:50	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 12:50	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 12:50	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 12:50	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 12:50	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:50	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-117 Lab ID: 40269928006 Collected: 10/16/23 14:05 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 12:50	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 12:50	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 12:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 12:50	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 12:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 12:50	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 12:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 12:50	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 12:50	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 12:50	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 12:50	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 12:50	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 12:50	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 12:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 12:50	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/25/23 12:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/25/23 12:50	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/25/23 12:50	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-117 Lab ID: 40269928007 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 13:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:10	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 13:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:10	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 13:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 13:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 13:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 13:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 13:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 13:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 13:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 13:10	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 13:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 13:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 13:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 13:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 13:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 13:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 13:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 13:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 13:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 13:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 13:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 13:10	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:10	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 13:10	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 13:10	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 13:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 13:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 13:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:10	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 13:10	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 13:10	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 13:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 13:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 13:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 13:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 13:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 13:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 13:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 13:10	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 13:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 13:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:10	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-117 Lab ID: 40269928007 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 13:10	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 13:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 13:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 13:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 13:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 13:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 13:10	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 13:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 13:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 13:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 13:10	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 13:10	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/25/23 13:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/25/23 13:10	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 13:10	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-117D Lab ID: 40269928008 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 13:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:30	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 13:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:30	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 13:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 13:30	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 13:30	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 13:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 13:30	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 13:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 13:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 13:30	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 13:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 13:30	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 13:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 13:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 13:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 13:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 13:30	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 13:30	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 13:30	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 13:30	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 13:30	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 13:30	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:30	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 13:30	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 13:30	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 13:30	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 13:30	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 13:30	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:30	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:30	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 13:30	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 13:30	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 13:30	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 13:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 13:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 13:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 13:30	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 13:30	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 13:30	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 13:30	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 13:30	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 13:30	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:30	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-117D Lab ID: 40269928008 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 13:30	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 13:30	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 13:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 13:30	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 13:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 13:30	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:30	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 13:30	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 13:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:30	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 13:30	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 13:30	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:30	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 13:30	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 13:30	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/25/23 13:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/25/23 13:30	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/25/23 13:30	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-111 Lab ID: 40269928009 Collected: 10/16/23 15:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 13:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:49	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 13:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:49	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 13:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 13:49	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 13:49	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 13:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 13:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 13:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 13:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 13:49	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 13:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 13:49	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 13:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 13:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 13:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 13:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 13:49	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 13:49	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 13:49	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 13:49	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 13:49	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 13:49	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:49	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 13:49	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 13:49	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 13:49	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 13:49	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 13:49	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:49	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:49	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 13:49	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 13:49	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 13:49	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 13:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 13:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 13:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 13:49	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 13:49	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 13:49	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 13:49	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 13:49	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 13:49	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:49	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-111 Lab ID: 40269928009 Collected: 10/16/23 15:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 13:49	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 13:49	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 13:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 13:49	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 13:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 13:49	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 13:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 13:49	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 13:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 13:49	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 13:49	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 13:49	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 13:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 13:49	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 13:49	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/25/23 13:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/25/23 13:49	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 13:49	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-116 Lab ID: 40269928010 Collected: 10/16/23 15:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 14:09	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:09	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 14:09	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:09	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 14:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 14:09	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 14:09	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 14:09	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 14:09	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 14:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 14:09	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 14:09	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 14:09	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 14:09	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 14:09	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 14:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 14:09	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 14:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 14:09	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 14:09	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 14:09	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 14:09	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 14:09	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 14:09	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:09	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 14:09	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 14:09	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 14:09	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 14:09	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 14:09	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:09	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:09	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 14:09	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 14:09	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 14:09	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 14:09	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 14:09	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 14:09	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 14:09	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 14:09	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 14:09	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 14:09	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 14:09	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 14:09	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:09	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-116 Lab ID: 40269928010 Collected: 10/16/23 15:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 14:09	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 14:09	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 14:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 14:09	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 14:09	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 14:09	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:09	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 14:09	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 14:09	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:09	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 14:09	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 14:09	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:09	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 14:09	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 14:09	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/25/23 14:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/25/23 14:09	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/25/23 14:09	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2114 Lab ID: 40269928011 Collected: 10/16/23 13:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	12.2	ug/L	5.6	0.39	1		10/25/23 11:29	74-84-0	
Ethene	0.90J	ug/L	5.0	0.25	1		10/25/23 11:29	74-85-1	
Methane	5310	ug/L	112	23.0	40		10/25/23 14:40	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	5.0	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 01:06	7439-89-6	
Manganese	0.54	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 01:06	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.17	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 09:45	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 09:45	7440-47-3	
Iron, Dissolved	4.6	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 09:45	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/26/23 09:45	7439-92-1	
Manganese, Dissolved	0.52	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 19:31	7439-96-5	
Nickel, Dissolved	0.013	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 09:45	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 17:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:45	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 17:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:45	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 17:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 17:45	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 17:45	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 17:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 17:45	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 17:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 17:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 17:45	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 17:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 17:45	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 17:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 17:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 17:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 17:45	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 17:45	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 17:45	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 17:45	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 17:45	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 17:45	75-71-8	
1,1-Dichloroethane	0.95J	ug/L	1.0	0.30	1		10/25/23 17:45	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2114 Lab ID: 40269928011 Collected: 10/16/23 13:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 17:45	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 17:45	75-35-4	
cis-1,2-Dichloroethene	6.1	ug/L	1.0	0.47	1		10/25/23 17:45	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 17:45	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 17:45	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:45	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:45	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 17:45	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 17:45	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 17:45	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 17:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 17:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 17:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 17:45	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 17:45	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 17:45	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 17:45	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 17:45	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 17:45	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 17:45	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 17:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 17:45	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 17:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 17:45	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 17:45	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 17:45	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 17:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 17:45	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 17:45	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 17:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 17:45	108-67-8	
Vinyl chloride	5.3	ug/L	1.0	0.17	1		10/25/23 17:45	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 17:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/25/23 17:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		10/25/23 17:45	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/25/23 17:45	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/23/23 13:25		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2114 Lab ID: 40269928011 Collected: 10/16/23 13:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	95.8	mg/L	40.0	11.8	20		10/30/23 17:47	16887-00-6	
Sulfate	641	mg/L	40.0	8.9	20		10/30/23 17:47	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	583	mg/L	50.0	14.9	2		10/25/23 11:41		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	246	mg/L	52.6	15.5	1	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	65.3	mg/L	15.0	4.2	30		10/25/23 14:48	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2114 Lab ID: 40269928012 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/25/23 11:36	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/25/23 11:36	74-85-1	
Methane	27.2	ug/L	2.8	0.58	1		10/25/23 11:36	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 00:58	7439-89-6	
Manganese	0.17	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 00:58	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.17	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 11:06	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 11:06	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 11:06	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/26/23 11:06	7439-92-1	
Manganese, Dissolved	0.15	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 11:06	7439-96-5	
Nickel, Dissolved	0.0047	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 11:06	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 14:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:29	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 14:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:29	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 14:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 14:29	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 14:29	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 14:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 14:29	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 14:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 14:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 14:29	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 14:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 14:29	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 14:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 14:29	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 14:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 14:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 14:29	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 14:29	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 14:29	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 14:29	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 14:29	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 14:29	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:29	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2114 Lab ID: 40269928012 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 14:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 14:29	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 14:29	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 14:29	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 14:29	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:29	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:29	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 14:29	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 14:29	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 14:29	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 14:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 14:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 14:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 14:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 14:29	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 14:29	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 14:29	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 14:29	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 14:29	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 14:29	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 14:29	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 14:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 14:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 14:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 14:29	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 14:29	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 14:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:29	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 14:29	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 14:29	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:29	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 14:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 14:29	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/25/23 14:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/25/23 14:29	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/25/23 14:29	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/23/23 13:26		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2114 Lab ID: 40269928012 Collected: 10/16/23 14:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	136	mg/L	20.0	5.9	10		10/30/23 18:01	16887-00-6	
Sulfate	196	mg/L	20.0	4.4	10		10/30/23 18:01	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	261	mg/L	25.0	7.4	1		10/25/23 11:42		
<b>410.4 COD</b>									
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	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	4.2	mg/L	0.50	0.14	1		10/25/23 15:35	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2104 Lab ID: 40269928013 Collected: 10/16/23 15:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 14:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:48	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 14:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:48	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 14:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 14:48	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 14:48	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 14:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 14:48	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 14:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 14:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 14:48	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 14:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 14:48	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 14:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 14:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 14:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 14:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 14:48	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 14:48	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 14:48	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 14:48	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 14:48	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 14:48	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:48	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 14:48	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 14:48	75-35-4	
cis-1,2-Dichloroethene	1.4	ug/L	1.0	0.47	1		10/25/23 14:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 14:48	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 14:48	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:48	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:48	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 14:48	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 14:48	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 14:48	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 14:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 14:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 14:48	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 14:48	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 14:48	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 14:48	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 14:48	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 14:48	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 14:48	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:48	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2104 Lab ID: 40269928013 Collected: 10/16/23 15:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 14:48	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 14:48	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 14:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 14:48	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 14:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 14:48	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 14:48	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 14:48	79-00-5	
Trichloroethene	0.61J	ug/L	1.0	0.32	1		10/25/23 14:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 14:48	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 14:48	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 14:48	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 14:48	108-67-8	
Vinyl chloride	1.0	ug/L	1.0	0.17	1		10/25/23 14:48	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 14:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/25/23 14:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		10/25/23 14:48	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/25/23 14:48	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-116 Lab ID: 40269928014 Collected: 10/16/23 16:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 15:08	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:08	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 15:08	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:08	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 15:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 15:08	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 15:08	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 15:08	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 15:08	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 15:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 15:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 15:08	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 15:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 15:08	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 15:08	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 15:08	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 15:08	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 15:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 15:08	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 15:08	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 15:08	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 15:08	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 15:08	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 15:08	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:08	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 15:08	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 15:08	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 15:08	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 15:08	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 15:08	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:08	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:08	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 15:08	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 15:08	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 15:08	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 15:08	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 15:08	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 15:08	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 15:08	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 15:08	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 15:08	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 15:08	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 15:08	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 15:08	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:08	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: PZ-116**      **Lab ID: 40269928014**      Collected: 10/16/23 16:10      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 15:08	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 15:08	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 15:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 15:08	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 15:08	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 15:08	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:08	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 15:08	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 15:08	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:08	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 15:08	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 15:08	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:08	108-67-8	
Vinyl chloride	0.58J	ug/L	1.0	0.17	1		10/25/23 15:08	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 15:08	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/25/23 15:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/25/23 15:08	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/25/23 15:08	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-116D Lab ID: 40269928015 Collected: 10/16/23 16:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 15:27	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:27	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 15:27	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:27	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 15:27	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 15:27	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 15:27	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 15:27	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 15:27	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 15:27	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 15:27	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 15:27	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 15:27	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 15:27	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 15:27	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 15:27	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 15:27	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 15:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 15:27	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 15:27	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 15:27	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 15:27	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 15:27	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 15:27	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:27	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 15:27	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 15:27	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 15:27	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 15:27	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 15:27	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:27	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:27	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 15:27	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 15:27	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 15:27	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 15:27	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 15:27	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 15:27	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 15:27	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 15:27	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 15:27	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 15:27	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 15:27	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 15:27	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:27	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-116D Lab ID: 40269928015 Collected: 10/16/23 16:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 15:27	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 15:27	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 15:27	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 15:27	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 15:27	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 15:27	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:27	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 15:27	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 15:27	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:27	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 15:27	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 15:27	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:27	108-67-8	
Vinyl chloride	0.57J	ug/L	1.0	0.17	1		10/25/23 15:27	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 15:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/25/23 15:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/25/23 15:27	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/25/23 15:27	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-110 Lab ID: 40269928016 Collected: 10/16/23 16:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 15:47	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:47	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 15:47	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:47	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 15:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 15:47	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 15:47	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 15:47	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 15:47	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 15:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 15:47	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 15:47	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 15:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 15:47	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 15:47	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 15:47	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 15:47	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 15:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 15:47	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 15:47	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 15:47	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 15:47	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 15:47	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 15:47	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:47	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 15:47	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 15:47	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 15:47	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 15:47	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 15:47	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:47	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:47	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 15:47	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 15:47	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 15:47	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 15:47	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 15:47	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 15:47	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 15:47	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 15:47	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 15:47	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 15:47	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 15:47	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 15:47	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:47	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: MW-110**      **Lab ID: 40269928016**      Collected: 10/16/23 16:50      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 15:47	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 15:47	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 15:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 15:47	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 15:47	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 15:47	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 15:47	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 15:47	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 15:47	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 15:47	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 15:47	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 15:47	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 15:47	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 15:47	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 15:47	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/25/23 15:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/25/23 15:47	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/25/23 15:47	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-79 Lab ID: 40269928017 Collected: 10/17/23 07:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 16:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:06	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 16:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:06	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 16:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 16:06	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 16:06	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 16:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 16:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 16:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 16:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 16:06	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 16:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 16:06	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 16:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 16:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 16:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 16:06	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 16:06	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 16:06	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 16:06	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 16:06	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 16:06	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:06	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 16:06	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 16:06	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 16:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 16:06	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 16:06	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:06	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:06	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 16:06	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 16:06	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 16:06	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 16:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 16:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 16:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 16:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 16:06	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 16:06	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 16:06	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 16:06	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 16:06	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:06	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-79 Lab ID: 40269928017 Collected: 10/17/23 07:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 16:06	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 16:06	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 16:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 16:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 16:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 16:06	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 16:06	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 16:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:06	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 16:06	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 16:06	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:06	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 16:06	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 16:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/25/23 16:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		10/25/23 16:06	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/25/23 16:06	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-80 Lab ID: 40269928018 Collected: 10/17/23 08:05 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 16:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:26	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 16:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:26	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 16:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 16:26	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 16:26	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 16:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 16:26	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 16:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 16:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 16:26	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 16:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 16:26	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 16:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 16:26	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 16:26	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 16:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 16:26	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 16:26	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 16:26	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 16:26	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 16:26	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 16:26	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:26	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 16:26	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 16:26	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 16:26	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 16:26	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 16:26	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:26	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:26	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 16:26	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 16:26	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 16:26	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 16:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 16:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 16:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 16:26	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 16:26	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 16:26	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 16:26	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 16:26	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 16:26	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:26	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-80 Lab ID: 40269928018 Collected: 10/17/23 08:05 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 16:26	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 16:26	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 16:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 16:26	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 16:26	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 16:26	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:26	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 16:26	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 16:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:26	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 16:26	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 16:26	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:26	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 16:26	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 16:26	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/25/23 16:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/25/23 16:26	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/25/23 16:26	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-81 Lab ID: 40269928019 Collected: 10/17/23 08:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/25/23 16:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:46	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/25/23 16:46	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:46	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/25/23 16:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/25/23 16:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 16:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/25/23 16:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/25/23 16:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/25/23 16:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/25/23 16:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/25/23 16:46	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/25/23 16:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/25/23 16:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 16:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/25/23 16:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/25/23 16:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/25/23 16:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/25/23 16:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/25/23 16:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 16:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 16:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/25/23 16:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/25/23 16:46	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:46	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/25/23 16:46	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/25/23 16:46	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/25/23 16:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/25/23 16:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/25/23 16:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:46	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/25/23 16:46	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/25/23 16:46	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/25/23 16:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 16:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/25/23 16:46	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/25/23 16:46	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/25/23 16:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/25/23 16:46	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/25/23 16:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/25/23 16:46	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/25/23 16:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/25/23 16:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:46	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-81 Lab ID: 40269928019 Collected: 10/17/23 08:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/25/23 16:46	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/25/23 16:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/25/23 16:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/25/23 16:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/25/23 16:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/25/23 16:46	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/25/23 16:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/25/23 16:46	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/25/23 16:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/25/23 16:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/25/23 16:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/25/23 16:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/25/23 16:46	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/25/23 16:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/25/23 16:46	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/25/23 16:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		10/25/23 16:46	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		10/25/23 16:46	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-82 Lab ID: 40269928020 Collected: 10/17/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		10/25/23 18:24	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		10/25/23 18:24	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		10/25/23 18:24	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		10/25/23 18:24	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		10/25/23 18:24	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		10/25/23 18:24	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		10/25/23 18:24	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		10/25/23 18:24	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		10/25/23 18:24	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		10/25/23 18:24	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		10/25/23 18:24	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		10/25/23 18:24	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		10/25/23 18:24	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		10/25/23 18:24	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/25/23 18:24	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/25/23 18:24	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		10/25/23 18:24	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		10/25/23 18:24	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		10/25/23 18:24	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		10/25/23 18:24	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		10/25/23 18:24	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		10/25/23 18:24	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		10/25/23 18:24	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		10/25/23 18:24	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		10/25/23 18:24	75-34-3	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		10/25/23 18:24	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		10/25/23 18:24	75-35-4	
cis-1,2-Dichloroethene	<4.7	ug/L	10.0	4.7	10		10/25/23 18:24	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		10/25/23 18:24	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		10/25/23 18:24	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		10/25/23 18:24	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		10/25/23 18:24	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		10/25/23 18:24	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		10/25/23 18:24	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		10/25/23 18:24	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		10/25/23 18:24	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		10/25/23 18:24	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		10/25/23 18:24	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		10/25/23 18:24	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		10/25/23 18:24	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		10/25/23 18:24	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		10/25/23 18:24	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		10/25/23 18:24	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		10/25/23 18:24	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		10/25/23 18:24	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: PZ-82**      **Lab ID: 40269928020**      Collected: 10/17/23 09:15      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		10/25/23 18:24	630-20-6	
1,1,1,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		10/25/23 18:24	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		10/25/23 18:24	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		10/25/23 18:24	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		10/25/23 18:24	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		10/25/23 18:24	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		10/25/23 18:24	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		10/25/23 18:24	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		10/25/23 18:24	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		10/25/23 18:24	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		10/25/23 18:24	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		10/25/23 18:24	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		10/25/23 18:24	108-67-8	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		10/25/23 18:24	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		10/25/23 18:24	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		10		10/25/23 18:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		10		10/25/23 18:24	2199-69-1	
Toluene-d8 (S)	94	%	70-130		10		10/25/23 18:24	2037-26-5	D3

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-82 Lab ID: 40269928021 Collected: 10/17/23 09:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	5.5J	ug/L	5.6	0.39	1		10/25/23 11:43	74-84-0	
Ethene	0.67J	ug/L	5.0	0.25	1		10/25/23 11:43	74-85-1	
Methane	2000	ug/L	56.0	11.5	20		10/25/23 14:47	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	5.8	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 01:08	7439-89-6	
Manganese	0.097	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 01:08	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.013	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 11:20	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 11:20	7440-47-3	
Iron, Dissolved	1.1	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 11:20	7439-89-6	
Lead, Dissolved	0.00065J	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/26/23 11:20	7439-92-1	
Manganese, Dissolved	0.073	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 11:20	7439-96-5	
Nickel, Dissolved	0.00034J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 11:20	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 11:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:04	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 11:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:04	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 11:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 11:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 11:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 11:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 11:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 11:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 11:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 11:04	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 11:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 11:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 11:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 11:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 11:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 11:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 11:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 11:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 11:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 11:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 11:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 11:04	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:04	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-82 Lab ID: 40269928021 Collected: 10/17/23 09:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 11:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 11:04	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 11:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 11:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 11:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:04	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 11:04	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 11:04	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 11:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 11:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 11:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 11:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 11:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 11:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 11:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 11:04	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 11:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 11:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:04	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 11:04	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 11:04	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 11:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 11:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 11:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 11:04	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 11:04	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 11:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 11:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 11:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 11:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 11:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 11:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 11:04	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 11:04	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 10:53		M0

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-82 Lab ID: 40269928021 Collected: 10/17/23 09:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	32.6	mg/L	10.0	3.0	5		10/30/23 18:16	16887-00-6	
Sulfate	10.6	mg/L	10.0	2.2	5		10/30/23 18:16	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	263	mg/L	125	37.2	5		10/25/23 11:43		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	41.0J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.3	mg/L	0.50	0.14	1		10/25/23 15:50	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-82D Lab ID: 40269928022 Collected: 10/17/23 09:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	6.7	ug/L	5.6	0.39	1		10/25/23 11:50	74-84-0	
Ethene	1.0J	ug/L	5.0	0.25	1		10/25/23 11:50	74-85-1	
Methane	2340	ug/L	56.0	11.5	20		10/25/23 14:54	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	3.9	mg/L	0.50	0.12	2	10/23/23 05:13	10/28/23 01:14	7439-89-6	
Manganese	0.077	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/28/23 01:14	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.010	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 11:28	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 11:28	7440-47-3	
Iron, Dissolved	0.42	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 11:28	7439-89-6	
Lead, Dissolved	0.00042J	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/26/23 11:28	7439-92-1	
Manganese, Dissolved	0.049	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 11:28	7439-96-5	
Nickel, Dissolved	0.00040J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 11:28	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 13:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:39	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:39	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 13:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 13:39	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:39	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 13:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 13:39	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 13:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 13:39	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 13:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 13:39	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 13:39	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 13:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 13:39	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 13:39	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:39	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:39	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 13:39	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 13:39	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:39	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-82D Lab ID: 40269928022 Collected: 10/17/23 09:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 13:39	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 13:39	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 13:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 13:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 13:39	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:39	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:39	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:39	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 13:39	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 13:39	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 13:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 13:39	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:39	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 13:39	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:39	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 13:39	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:39	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:39	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 13:39	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 13:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:39	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 13:39	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 13:39	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 13:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:39	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 13:39	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 13:39	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:39	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 13:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 13:39	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/26/23 13:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 13:39	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/26/23 13:39	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:01		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-82D Lab ID: 40269928022 Collected: 10/17/23 09:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	30.7	mg/L	10.0	3.0	5		10/30/23 18:31	16887-00-6	
Sulfate	10.4	mg/L	10.0	2.2	5		10/30/23 18:31	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	212	mg/L	25.0	7.4	1		10/25/23 11:44		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	34.5J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.1	mg/L	0.50	0.14	1		10/25/23 16:05	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-108 Lab ID: 40269928023 Collected: 10/17/23 11:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 11:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:39	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 11:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:39	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 11:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 11:39	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 11:39	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 11:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 11:39	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 11:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 11:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 11:39	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 11:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 11:39	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 11:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 11:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 11:39	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 11:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 11:39	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 11:39	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 11:39	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 11:39	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 11:39	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 11:39	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:39	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 11:39	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 11:39	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 11:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 11:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 11:39	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:39	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:39	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 11:39	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 11:39	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 11:39	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 11:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 11:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 11:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 11:39	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 11:39	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 11:39	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 11:39	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 11:39	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 11:39	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:39	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-108 Lab ID: 40269928023 Collected: 10/17/23 11:35 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 11:39	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 11:39	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 11:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 11:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 11:39	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 11:39	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 11:39	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 11:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:39	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 11:39	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 11:39	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:39	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 11:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 11:39	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 11:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/26/23 11:39	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 11:39	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-44 Lab ID: 40269928024 Collected: 10/17/23 12:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 11:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:56	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 11:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:56	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 11:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 11:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 11:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 11:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 11:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 11:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 11:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 11:56	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 11:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 11:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 11:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 11:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 11:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 11:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 11:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 11:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 11:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 11:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 11:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 11:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 11:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 11:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 11:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 11:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 11:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:56	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 11:56	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 11:56	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 11:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 11:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 11:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 11:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 11:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 11:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 11:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 11:56	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 11:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 11:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:56	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: MW-44**      **Lab ID: 40269928024**      Collected: 10/17/23 12:45      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 11:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 11:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 11:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 11:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 11:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 11:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 11:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 11:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 11:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 11:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 11:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 11:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 11:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 11:56	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 11:56	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 11:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 11:56	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 11:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2107 Lab ID: 40269928025 Collected: 10/17/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	21.7	ug/L	5.6	0.39	1		10/25/23 11:57	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/25/23 11:57	74-85-1	
Methane	7840	ug/L	140	28.8	50		10/25/23 15:01	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	31.9	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 01:19	7439-89-6	
Manganese	0.10	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 01:19	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.091	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 11:35	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 11:35	7440-47-3	
Iron, Dissolved	28.3	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 11:35	7439-89-6	
Lead, Dissolved	0.00030J	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/26/23 11:35	7439-92-1	
Manganese, Dissolved	0.10	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 11:35	7439-96-5	
Nickel, Dissolved	0.0020	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 11:35	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.4	ug/L	1.0	0.30	1		10/26/23 13:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:56	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:56	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 13:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 13:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 13:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 13:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 13:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:56	108-90-7	
Chloroethane	10.4	ug/L	5.0	1.4	1		10/26/23 13:56	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 13:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 13:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 13:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 13:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 13:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 13:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 13:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 13:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:56	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2107 Lab ID: 40269928025 Collected: 10/17/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 13:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 13:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 13:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 13:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 13:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:56	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:56	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 13:56	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 13:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 13:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 13:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 13:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:56	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 13:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:56	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:56	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 13:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:56	127-18-4	
Toluene	0.40J	ug/L	1.0	0.29	1		10/26/23 13:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 13:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 13:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 13:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 13:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 13:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 13:56	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 13:56	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 13:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 13:56	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 13:56	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:02		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2107 Lab ID: 40269928025 Collected: 10/17/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	43.8	mg/L	20.0	5.9	10		10/30/23 12:35	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		10/30/23 12:35	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	621	mg/L	125	37.2	5		10/25/23 11:45		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	130	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	22.4	mg/L	15.0	4.2	30		10/25/23 16:38	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: PZ-2107**      **Lab ID: 40269928026**      Collected: 10/17/23 10:00      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<b>3.3J</b>	ug/L	5.6	0.39	1		10/25/23 12:04	74-84-0	
Ethene	<b>24.9</b>	ug/L	5.0	0.25	1		10/25/23 12:04	74-85-1	
Methane	<b>144</b>	ug/L	2.8	0.58	1		10/25/23 12:04	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>1.6</b>	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 01:34	7439-89-6	
Manganese	<b>0.26</b>	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 01:34	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.050</b>	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 20:15	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 20:15	7440-47-3	
Iron, Dissolved	<b>1.9</b>	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 20:15	7439-89-6	CR
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:04	7439-92-1	
Manganese, Dissolved	<b>0.14</b>	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 20:15	7439-96-5	
Nickel, Dissolved	<b>0.0048</b>	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 20:15	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;3.0</b>	ug/L	10.0	3.0	10		10/26/23 17:34	71-43-2	
Bromobenzene	<b>&lt;3.6</b>	ug/L	10.0	3.6	10		10/26/23 17:34	108-86-1	
Bromochloromethane	<b>&lt;3.6</b>	ug/L	10.0	3.6	10		10/26/23 17:34	74-97-5	
Bromodichloromethane	<b>&lt;4.2</b>	ug/L	10.0	4.2	10		10/26/23 17:34	75-27-4	
Bromoform	<b>&lt;4.3</b>	ug/L	10.0	4.3	10		10/26/23 17:34	75-25-2	
Bromomethane	<b>&lt;11.9</b>	ug/L	50.0	11.9	10		10/26/23 17:34	74-83-9	
n-Butylbenzene	<b>&lt;8.6</b>	ug/L	10.0	8.6	10		10/26/23 17:34	104-51-8	
sec-Butylbenzene	<b>&lt;4.2</b>	ug/L	10.0	4.2	10		10/26/23 17:34	135-98-8	
tert-Butylbenzene	<b>&lt;5.9</b>	ug/L	10.0	5.9	10		10/26/23 17:34	98-06-6	
Carbon tetrachloride	<b>&lt;3.7</b>	ug/L	10.0	3.7	10		10/26/23 17:34	56-23-5	
Chlorobenzene	<b>&lt;8.6</b>	ug/L	10.0	8.6	10		10/26/23 17:34	108-90-7	
Chloroethane	<b>&lt;13.8</b>	ug/L	50.0	13.8	10		10/26/23 17:34	75-00-3	
Chloroform	<b>&lt;5.0</b>	ug/L	50.0	5.0	10		10/26/23 17:34	67-66-3	
Chloromethane	<b>&lt;16.4</b>	ug/L	50.0	16.4	10		10/26/23 17:34	74-87-3	
2-Chlorotoluene	<b>&lt;8.9</b>	ug/L	50.0	8.9	10		10/26/23 17:34	95-49-8	
4-Chlorotoluene	<b>&lt;8.9</b>	ug/L	50.0	8.9	10		10/26/23 17:34	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;23.7</b>	ug/L	50.0	23.7	10		10/26/23 17:34	96-12-8	
Dibromochloromethane	<b>&lt;26.4</b>	ug/L	50.0	26.4	10		10/26/23 17:34	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;3.1</b>	ug/L	10.0	3.1	10		10/26/23 17:34	106-93-4	
Dibromomethane	<b>&lt;9.9</b>	ug/L	50.0	9.9	10		10/26/23 17:34	74-95-3	
1,2-Dichlorobenzene	<b>&lt;3.3</b>	ug/L	10.0	3.3	10		10/26/23 17:34	95-50-1	
1,3-Dichlorobenzene	<b>&lt;3.5</b>	ug/L	10.0	3.5	10		10/26/23 17:34	541-73-1	
1,4-Dichlorobenzene	<b>&lt;8.9</b>	ug/L	10.0	8.9	10		10/26/23 17:34	106-46-7	
Dichlorodifluoromethane	<b>&lt;4.6</b>	ug/L	50.0	4.6	10		10/26/23 17:34	75-71-8	
1,1-Dichloroethane	<b>&lt;3.0</b>	ug/L	10.0	3.0	10		10/26/23 17:34	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2107 Lab ID: 40269928026 Collected: 10/17/23 10:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		10/26/23 17:34	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		10/26/23 17:34	75-35-4	
cis-1,2-Dichloroethene	614	ug/L	10.0	4.7	10		10/26/23 17:34	156-59-2	
trans-1,2-Dichloroethene	6.7J	ug/L	10.0	5.3	10		10/26/23 17:34	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		10/26/23 17:34	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		10/26/23 17:34	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		10/26/23 17:34	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		10/26/23 17:34	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		10/26/23 17:34	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		10/26/23 17:34	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		10/26/23 17:34	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		10/26/23 17:34	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		10/26/23 17:34	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		10/26/23 17:34	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		10/26/23 17:34	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		10/26/23 17:34	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		10/26/23 17:34	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		10/26/23 17:34	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		10/26/23 17:34	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		10/26/23 17:34	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		10/26/23 17:34	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		10/26/23 17:34	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		10/26/23 17:34	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		10/26/23 17:34	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		10/26/23 17:34	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		10/26/23 17:34	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		10/26/23 17:34	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		10/26/23 17:34	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		10/26/23 17:34	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		10/26/23 17:34	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		10/26/23 17:34	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		10/26/23 17:34	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		10/26/23 17:34	108-67-8	
Vinyl chloride	474	ug/L	10.0	1.7	10		10/26/23 17:34	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		10/26/23 17:34	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		10		10/26/23 17:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		10		10/26/23 17:34	2199-69-1	
Toluene-d8 (S)	91	%	70-130		10		10/26/23 17:34	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:06		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2107 Lab ID: 40269928026 Collected: 10/17/23 10:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>391</b>	mg/L	20.0	5.9	10		10/30/23 13:18	16887-00-6	
Sulfate	<b>212</b>	mg/L	20.0	4.4	10		10/30/23 13:18	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>336</b>	mg/L	25.0	7.4	1		10/25/23 11:46		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>34.5J</b>	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>5.5</b>	mg/L	1.5	0.42	3		10/25/23 16:53	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2113 Lab ID: 40269928027 Collected: 10/17/23 11:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/25/23 12:11	74-84-0	
Ethene	1.4J	ug/L	5.0	0.25	1		10/25/23 12:11	74-85-1	
Methane	120	ug/L	2.8	0.58	1		10/25/23 12:11	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 01:27	7439-89-6	
Manganese	0.035	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 01:27	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.088	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 20:23	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 20:23	7440-47-3	
Iron, Dissolved	1.8	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 20:23	7439-89-6	D9
Lead, Dissolved	0.00031J	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:09	7439-92-1	
Manganese, Dissolved	0.062	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 20:23	7439-96-5	CR
Nickel, Dissolved	0.014	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 20:23	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 10:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:20	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 10:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:20	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 10:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 10:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 10:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 10:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 10:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 10:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 10:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 10:20	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 10:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 10:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 10:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 10:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 10:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 10:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 10:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 10:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 10:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 10:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 10:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 10:20	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:20	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2113 Lab ID: 40269928027 Collected: 10/17/23 11:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 10:20	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		10/27/23 10:20	75-35-4	
cis-1,2-Dichloroethene	18.0	ug/L	1.0	0.47	1		10/27/23 10:20	156-59-2	
trans-1,2-Dichloroethene	0.97J	ug/L	1.0	0.53	1		10/27/23 10:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 10:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:20	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 10:20	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 10:20	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 10:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 10:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 10:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 10:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 10:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 10:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 10:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 10:20	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 10:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 10:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 10:20	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 10:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 10:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 10:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 10:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 10:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 10:20	79-00-5	
Trichloroethene	1.2	ug/L	1.0	0.32	1		10/27/23 10:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 10:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 10:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:20	108-67-8	
Vinyl chloride	15.1	ug/L	1.0	0.17	1		10/27/23 10:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 10:20	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/27/23 10:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/27/23 10:20	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/27/23 10:20	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:07		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2113 Lab ID: 40269928027 Collected: 10/17/23 11:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	54.8	mg/L	20.0	5.9	10		10/30/23 14:15	16887-00-6	
Sulfate	1310	mg/L	200	44.4	100		10/31/23 18:41	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	532	mg/L	125	37.2	5		10/25/23 11:47		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	258	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	69.5	mg/L	15.0	4.2	30		10/25/23 17:08	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2113 Lab ID: 40269928028 Collected: 10/17/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	260	ug/L	5.6	0.39	1		10/25/23 12:17	74-84-0	
Ethene	2490	ug/L	500	25.2	100		10/25/23 15:08	74-85-1	
Methane	7750	ug/L	280	57.6	100		10/25/23 15:08	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	53.6	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 01:32	7439-89-6	
Manganese	0.22	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 01:32	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.1	mg/L	0.047	0.014	20	10/23/23 05:27	10/27/23 20:19	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 20:30	7440-47-3	
Iron, Dissolved	55.7	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 20:30	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:14	7439-92-1	
Manganese, Dissolved	0.22	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 20:30	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 20:30	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.95J	ug/L	1.0	0.30	1		10/26/23 16:59	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 16:59	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 16:59	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 16:59	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 16:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 16:59	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 16:59	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 16:59	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 16:59	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 16:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 16:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 16:59	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 16:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 16:59	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 16:59	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 16:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 16:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 16:59	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 16:59	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 16:59	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 16:59	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 16:59	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 16:59	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 16:59	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2113 Lab ID: 40269928028 Collected: 10/17/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 16:59	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		10/26/23 16:59	75-35-4	
cis-1,2-Dichloroethene	17.9	ug/L	1.0	0.47	1		10/26/23 16:59	156-59-2	
trans-1,2-Dichloroethene	2.1	ug/L	1.0	0.53	1		10/26/23 16:59	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 16:59	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 16:59	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 16:59	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 16:59	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 16:59	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 16:59	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 16:59	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 16:59	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 16:59	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 16:59	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 16:59	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 16:59	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 16:59	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 16:59	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 16:59	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 16:59	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 16:59	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 16:59	127-18-4	
Toluene	0.35J	ug/L	1.0	0.29	1		10/26/23 16:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 16:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 16:59	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 16:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 16:59	79-00-5	
Trichloroethene	0.60J	ug/L	1.0	0.32	1		10/26/23 16:59	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 16:59	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 16:59	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 16:59	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 16:59	108-67-8	
Vinyl chloride	67.7	ug/L	1.0	0.17	1		10/26/23 16:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 16:59	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/26/23 16:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/26/23 16:59	2199-69-1	
Toluene-d8 (S)	89	%	70-130		1		10/26/23 16:59	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:09		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2113 Lab ID: 40269928028 Collected: 10/17/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	<b>349</b>	mg/L	100	29.6	50		10/30/23 14:30	16887-00-6	
Sulfate	<b>&lt;22.2</b>	mg/L	100	22.2	50		10/30/23 14:30	14808-79-8	D3
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	<b>2530</b>	mg/L	250	74.4	10		10/25/23 11:48		
<b>410.4 COD</b>	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	<b>1950</b>	mg/L	500	147	1	10/31/23 05:15	10/31/23 08:44		
<b>5310C TOC</b>	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	<b>871</b>	mg/L	50.0	13.8	100		10/25/23 17:23	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-105 Lab ID: 40269928029 Collected: 10/17/23 13:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 12:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:13	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 12:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:13	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 12:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 12:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 12:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 12:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 12:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 12:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 12:13	108-90-7	
Chloroethane	2.2J	ug/L	5.0	1.4	1		10/26/23 12:13	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 12:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 12:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 12:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 12:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 12:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 12:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 12:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 12:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 12:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 12:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 12:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 12:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:13	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 12:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 12:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 12:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 12:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 12:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:13	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 12:13	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 12:13	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 12:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 12:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 12:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 12:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 12:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 12:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 12:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 12:13	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 12:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 12:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:13	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-105 Lab ID: 40269928029 Collected: 10/17/23 13:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 12:13	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 12:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 12:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 12:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 12:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 12:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 12:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 12:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 12:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 12:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 12:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 12:13	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 12:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 12:13	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/26/23 12:13	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-107 Lab ID: 40269928030 Collected: 10/17/23 13:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 12:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:30	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 12:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:30	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 12:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 12:30	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 12:30	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 12:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 12:30	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 12:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 12:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 12:30	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 12:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 12:30	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 12:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 12:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 12:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 12:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 12:30	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 12:30	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 12:30	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 12:30	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 12:30	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 12:30	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:30	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 12:30	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 12:30	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 12:30	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 12:30	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 12:30	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:30	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:30	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 12:30	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 12:30	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 12:30	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 12:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 12:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 12:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 12:30	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 12:30	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 12:30	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 12:30	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 12:30	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 12:30	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:30	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-107 Lab ID: 40269928030 Collected: 10/17/23 13:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 12:30	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 12:30	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 12:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 12:30	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 12:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 12:30	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:30	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 12:30	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 12:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:30	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 12:30	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 12:30	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:30	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 12:30	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 12:30	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/26/23 12:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 12:30	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/26/23 12:30	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-65 Lab ID: 40269928031 Collected: 10/17/23 14:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	3.2J	ug/L	5.6	0.39	1		10/25/23 12:24	74-84-0	
Ethene	263	ug/L	5.0	0.25	1		10/25/23 12:24	74-85-1	
Methane	1140	ug/L	28.0	5.8	10		10/25/23 15:15	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	5.2	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 01:37	7439-89-6	
Manganese	0.40	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 01:37	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.37	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 20:37	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 20:37	7440-47-3	
Iron, Dissolved	4.9	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 20:37	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:25	7439-92-1	
Manganese, Dissolved	0.36	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 20:37	7439-96-5	
Nickel, Dissolved	0.0038	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 20:37	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		10/26/23 17:51	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		10/26/23 17:51	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		10/26/23 17:51	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		10/26/23 17:51	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		10/26/23 17:51	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		10/26/23 17:51	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		10/26/23 17:51	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		10/26/23 17:51	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		10/26/23 17:51	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		10/26/23 17:51	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		10/26/23 17:51	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		10/26/23 17:51	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		10/26/23 17:51	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		10/26/23 17:51	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/26/23 17:51	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/26/23 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		10/26/23 17:51	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		10/26/23 17:51	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		10/26/23 17:51	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		10/26/23 17:51	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		10/26/23 17:51	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		10/26/23 17:51	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		10/26/23 17:51	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		10/26/23 17:51	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		10/26/23 17:51	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-65 Lab ID: 40269928031 Collected: 10/17/23 14:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		10/26/23 17:51	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		10/26/23 17:51	75-35-4	
cis-1,2-Dichloroethene	653	ug/L	10.0	4.7	10		10/26/23 17:51	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		10/26/23 17:51	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		10/26/23 17:51	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		10/26/23 17:51	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		10/26/23 17:51	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		10/26/23 17:51	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		10/26/23 17:51	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		10/26/23 17:51	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		10/26/23 17:51	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		10/26/23 17:51	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		10/26/23 17:51	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		10/26/23 17:51	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		10/26/23 17:51	99-87-6	
Methylene Chloride	4.5J	ug/L	50.0	3.2	10		10/26/23 17:51	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		10/26/23 17:51	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		10/26/23 17:51	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		10/26/23 17:51	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		10/26/23 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		10/26/23 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		10/26/23 17:51	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		10/26/23 17:51	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		10/26/23 17:51	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		10/26/23 17:51	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		10/26/23 17:51	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		10/26/23 17:51	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		10/26/23 17:51	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		10/26/23 17:51	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		10/26/23 17:51	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		10/26/23 17:51	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		10/26/23 17:51	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		10/26/23 17:51	108-67-8	
Vinyl chloride	1330	ug/L	10.0	1.7	10		10/26/23 17:51	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		10/26/23 17:51	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		10		10/26/23 17:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		10		10/26/23 17:51	2199-69-1	
Toluene-d8 (S)	92	%	70-130		10		10/26/23 17:51	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:11		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-65 Lab ID: 40269928031 Collected: 10/17/23 14:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>660</b>	mg/L	40.0	11.8	20		10/30/23 14:48	16887-00-6	
Sulfate	<b>291</b>	mg/L	40.0	8.9	20		10/30/23 14:48	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>564</b>	mg/L	50.0	14.9	2		10/25/23 11:52		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>15.9J</b>	mg/L	52.6	15.5	1	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3.2</b>	mg/L	0.50	0.14	1		10/25/23 17:40	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2108 Lab ID: 40269928032 Collected: 10/17/23 14:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	5.0	ug/L	1.0	0.30	1		10/26/23 12:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:48	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 12:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:48	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 12:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 12:48	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 12:48	104-51-8	
sec-Butylbenzene	0.54J	ug/L	1.0	0.42	1		10/26/23 12:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 12:48	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 12:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 12:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 12:48	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 12:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 12:48	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 12:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 12:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 12:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 12:48	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 12:48	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 12:48	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 12:48	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 12:48	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 12:48	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:48	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 12:48	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 12:48	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 12:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 12:48	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 12:48	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:48	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:48	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 12:48	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 12:48	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 12:48	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 12:48	108-20-3	
Ethylbenzene	30.0	ug/L	1.0	0.33	1		10/26/23 12:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 12:48	87-68-3	
Isopropylbenzene (Cumene)	2.6J	ug/L	5.0	1.0	1		10/26/23 12:48	98-82-8	
p-Isopropyltoluene	2.2J	ug/L	5.0	1.0	1		10/26/23 12:48	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 12:48	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 12:48	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 12:48	91-20-3	
n-Propylbenzene	2.3	ug/L	1.0	0.35	1		10/26/23 12:48	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 12:48	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2108 Lab ID: 40269928032 Collected: 10/17/23 14:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 12:48	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 12:48	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 12:48	127-18-4	
Toluene	8.2	ug/L	1.0	0.29	1		10/26/23 12:48	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 12:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 12:48	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 12:48	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 12:48	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 12:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 12:48	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 12:48	96-18-4	
1,2,4-Trimethylbenzene	3.9	ug/L	1.0	0.45	1		10/26/23 12:48	95-63-6	
1,3,5-Trimethylbenzene	5.3	ug/L	1.0	0.36	1		10/26/23 12:48	108-67-8	
Vinyl chloride	2.0	ug/L	1.0	0.17	1		10/26/23 12:48	75-01-4	
Xylene (Total)	26.2	ug/L	3.0	1.0	1		10/26/23 12:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 12:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/26/23 12:48	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 12:48	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2203 Lab ID: 40269928033 Collected: 10/17/23 08:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 14:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:13	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 14:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:13	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 14:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 14:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 14:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 14:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 14:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 14:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 14:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 14:13	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 14:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 14:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 14:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 14:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 14:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 14:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 14:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 14:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 14:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 14:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 14:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 14:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:13	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 14:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 14:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 14:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 14:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 14:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:13	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 14:13	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 14:13	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 14:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 14:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 14:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 14:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 14:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 14:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 14:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 14:13	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 14:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 14:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:13	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2203 Lab ID: 40269928033 Collected: 10/17/23 08:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 14:13	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 14:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 14:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 14:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 14:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 14:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 14:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 14:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 14:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 14:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 14:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 14:13	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 14:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 14:13	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 14:13	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2203 Lab ID: 40269928034 Collected: 10/17/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 13:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:05	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:05	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 13:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 13:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 13:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 13:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 13:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 13:05	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 13:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 13:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 13:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 13:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 13:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 13:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 13:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 13:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 13:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 13:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 13:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 13:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 13:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:05	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:05	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 13:05	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 13:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 13:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 13:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 13:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:05	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 13:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:05	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2203 Lab ID: 40269928034 Collected: 10/17/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:05	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 13:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 13:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 13:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 13:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 13:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 13:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 13:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 13:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 13:05	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 13:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/26/23 13:05	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 13:05	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-31 Lab ID: 40269928035 Collected: 10/17/23 10:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	13.1	ug/L	5.6	0.39	1		10/25/23 13:04	74-84-0	
Ethene	37.6	ug/L	5.0	0.25	1		10/25/23 13:04	74-85-1	
Methane	10200	ug/L	112	23.0	40		10/25/23 15:22	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	23.1	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 01:42	7439-89-6	
Manganese	0.77	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 01:42	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.44	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 20:45	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 20:45	7440-47-3	
Iron, Dissolved	18.6	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 20:45	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:30	7439-92-1	
Manganese, Dissolved	0.91	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 20:45	7439-96-5	D9
Nickel, Dissolved	0.00099J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 20:45	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 14:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:30	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 14:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:30	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 14:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 14:30	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 14:30	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 14:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 14:30	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 14:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 14:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 14:30	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 14:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 14:30	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 14:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 14:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 14:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 14:30	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 14:30	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 14:30	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 14:30	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 14:30	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 14:30	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:30	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-31 Lab ID: 40269928035 Collected: 10/17/23 10:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 14:30	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 14:30	75-35-4	
cis-1,2-Dichloroethene	0.92J	ug/L	1.0	0.47	1		10/26/23 14:30	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 14:30	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 14:30	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:30	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:30	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 14:30	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 14:30	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 14:30	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 14:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 14:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 14:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 14:30	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 14:30	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 14:30	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 14:30	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 14:30	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 14:30	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 14:30	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 14:30	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 14:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 14:30	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 14:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 14:30	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:30	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 14:30	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 14:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:30	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 14:30	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 14:30	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:30	108-67-8	
Vinyl chloride	25.6	ug/L	1.0	0.17	1		10/26/23 14:30	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 14:30	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 14:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 14:30	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 14:30	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:12		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-31 Lab ID: 40269928035 Collected: 10/17/23 10:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	71.1	mg/L	10.0	3.0	5		10/30/23 15:02	16887-00-6	
Sulfate	164	mg/L	10.0	2.2	5		10/30/23 15:02	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	656	mg/L	50.0	14.9	2		10/25/23 11:53		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	106	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	8.6	mg/L	0.50	0.14	1		10/25/23 18:00	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2201 Lab ID: 40269928036 Collected: 10/17/23 11:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	7.9	ug/L	5.6	0.39	1		10/25/23 13:11	74-84-0	
Ethene	124	ug/L	5.0	0.25	1		10/25/23 13:11	74-85-1	
Methane	2810	ug/L	28.0	5.8	10		10/25/23 15:29	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	7.7	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 02:00	7439-89-6	
Manganese	0.11	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 02:00	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.067	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 20:52	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 20:52	7440-47-3	
Iron, Dissolved	8.3	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 20:52	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:35	7439-92-1	
Manganese, Dissolved	0.11	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 20:52	7439-96-5	
Nickel, Dissolved	0.0013	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 20:52	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1.5	ug/L	5.0	1.5	5		10/26/23 18:08	71-43-2	
Bromobenzene	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	108-86-1	
Bromochloromethane	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	74-97-5	
Bromodichloromethane	<2.1	ug/L	5.0	2.1	5		10/26/23 18:08	75-27-4	
Bromoform	<2.1	ug/L	5.0	2.1	5		10/26/23 18:08	75-25-2	
Bromomethane	<6.0	ug/L	25.0	6.0	5		10/26/23 18:08	74-83-9	
n-Butylbenzene	<4.3	ug/L	5.0	4.3	5		10/26/23 18:08	104-51-8	
sec-Butylbenzene	<2.1	ug/L	5.0	2.1	5		10/26/23 18:08	135-98-8	
tert-Butylbenzene	<2.9	ug/L	5.0	2.9	5		10/26/23 18:08	98-06-6	
Carbon tetrachloride	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	56-23-5	
Chlorobenzene	<4.3	ug/L	5.0	4.3	5		10/26/23 18:08	108-90-7	
Chloroethane	<6.9	ug/L	25.0	6.9	5		10/26/23 18:08	75-00-3	
Chloroform	<2.5	ug/L	25.0	2.5	5		10/26/23 18:08	67-66-3	
Chloromethane	<8.2	ug/L	25.0	8.2	5		10/26/23 18:08	74-87-3	
2-Chlorotoluene	<4.4	ug/L	25.0	4.4	5		10/26/23 18:08	95-49-8	
4-Chlorotoluene	<4.5	ug/L	25.0	4.5	5		10/26/23 18:08	106-43-4	
1,2-Dibromo-3-chloropropane	<11.8	ug/L	25.0	11.8	5		10/26/23 18:08	96-12-8	
Dibromochloromethane	<13.2	ug/L	25.0	13.2	5		10/26/23 18:08	124-48-1	
1,2-Dibromoethane (EDB)	<1.5	ug/L	5.0	1.5	5		10/26/23 18:08	106-93-4	
Dibromomethane	<5.0	ug/L	25.0	5.0	5		10/26/23 18:08	74-95-3	
1,2-Dichlorobenzene	<1.6	ug/L	5.0	1.6	5		10/26/23 18:08	95-50-1	
1,3-Dichlorobenzene	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	541-73-1	
1,4-Dichlorobenzene	<4.5	ug/L	5.0	4.5	5		10/26/23 18:08	106-46-7	
Dichlorodifluoromethane	<2.3	ug/L	25.0	2.3	5		10/26/23 18:08	75-71-8	
1,1-Dichloroethane	1.8J	ug/L	5.0	1.5	5		10/26/23 18:08	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2201 Lab ID: 40269928036 Collected: 10/17/23 11:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		10/26/23 18:08	107-06-2	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		10/26/23 18:08	75-35-4	
cis-1,2-Dichloroethene	199	ug/L	5.0	2.4	5		10/26/23 18:08	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		10/26/23 18:08	156-60-5	
1,2-Dichloropropane	<2.2	ug/L	5.0	2.2	5		10/26/23 18:08	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	5.0	1.5	5		10/26/23 18:08	142-28-9	
2,2-Dichloropropane	<2.1	ug/L	5.0	2.1	5		10/26/23 18:08	594-20-7	
1,1-Dichloropropene	<2.1	ug/L	5.0	2.1	5		10/26/23 18:08	563-58-6	
cis-1,3-Dichloropropene	<1.2	ug/L	5.0	1.2	5		10/26/23 18:08	10061-01-5	
trans-1,3-Dichloropropene	<1.3	ug/L	5.0	1.3	5		10/26/23 18:08	10061-02-6	
Diisopropyl ether	<5.5	ug/L	25.0	5.5	5		10/26/23 18:08	108-20-3	
Ethylbenzene	<1.6	ug/L	5.0	1.6	5		10/26/23 18:08	100-41-4	
Hexachloro-1,3-butadiene	<13.7	ug/L	25.0	13.7	5		10/26/23 18:08	87-68-3	
Isopropylbenzene (Cumene)	<5.0	ug/L	25.0	5.0	5		10/26/23 18:08	98-82-8	
p-Isopropyltoluene	<5.2	ug/L	25.0	5.2	5		10/26/23 18:08	99-87-6	
Methylene Chloride	<1.6	ug/L	25.0	1.6	5		10/26/23 18:08	75-09-2	
Methyl-tert-butyl ether	<5.6	ug/L	25.0	5.6	5		10/26/23 18:08	1634-04-4	
Naphthalene	<9.6	ug/L	25.0	9.6	5		10/26/23 18:08	91-20-3	
n-Propylbenzene	<1.7	ug/L	5.0	1.7	5		10/26/23 18:08	103-65-1	
Styrene	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		10/26/23 18:08	79-34-5	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		10/26/23 18:08	127-18-4	
Toluene	<1.4	ug/L	5.0	1.4	5		10/26/23 18:08	108-88-3	
1,2,3-Trichlorobenzene	<5.1	ug/L	25.0	5.1	5		10/26/23 18:08	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		10/26/23 18:08	120-82-1	
1,1,1-Trichloroethane	<1.5	ug/L	5.0	1.5	5		10/26/23 18:08	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	5.0	1.7	5		10/26/23 18:08	79-00-5	
Trichloroethene	<1.6	ug/L	5.0	1.6	5		10/26/23 18:08	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	5.0	2.1	5		10/26/23 18:08	75-69-4	
1,2,3-Trichloropropane	<2.8	ug/L	5.0	2.8	5		10/26/23 18:08	96-18-4	
1,2,4-Trimethylbenzene	<2.2	ug/L	5.0	2.2	5		10/26/23 18:08	95-63-6	
1,3,5-Trimethylbenzene	<1.8	ug/L	5.0	1.8	5		10/26/23 18:08	108-67-8	
Vinyl chloride	292	ug/L	5.0	0.87	5		10/26/23 18:08	75-01-4	
Xylene (Total)	<5.2	ug/L	15.0	5.2	5		10/26/23 18:08	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		5		10/26/23 18:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		5		10/26/23 18:08	2199-69-1	
Toluene-d8 (S)	92	%	70-130		5		10/26/23 18:08	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:14		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2201 Lab ID: 40269928036 Collected: 10/17/23 11:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	60.9	mg/L	20.0	5.9	10		10/30/23 15:17	16887-00-6	
Sulfate	292	mg/L	20.0	4.4	10		10/30/23 15:17	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	451	mg/L	50.0	14.9	2		10/25/23 11:54		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	32.4J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	4.0	mg/L	1.5	0.42	3		10/26/23 05:15	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2201D Lab ID: 40269928037 Collected: 10/17/23 11:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	16.7	ug/L	5.6	0.39	1		10/25/23 13:17	74-84-0	
Ethene	319	ug/L	5.0	0.25	1		10/25/23 13:17	74-85-1	
Methane	4140	ug/L	70.0	14.4	25		10/25/23 15:36	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	11.1	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 02:05	7439-89-6	
Manganese	0.12	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 02:05	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.065	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 21:21	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 21:21	7440-47-3	
Iron, Dissolved	7.2	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 21:21	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:40	7439-92-1	
Manganese, Dissolved	0.10	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 21:21	7439-96-5	
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 21:21	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 14:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:48	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 14:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:48	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 14:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 14:48	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 14:48	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 14:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 14:48	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 14:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 14:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 14:48	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 14:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 14:48	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 14:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 14:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 14:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 14:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 14:48	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 14:48	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 14:48	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 14:48	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 14:48	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 14:48	75-71-8	
1,1-Dichloroethane	2.7	ug/L	1.0	0.30	1		10/26/23 14:48	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2201D Lab ID: 40269928037 Collected: 10/17/23 11:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 14:48	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 14:48	75-35-4	
cis-1,2-Dichloroethene	262	ug/L	5.0	2.4	5		10/27/23 11:11	156-59-2	
trans-1,2-Dichloroethene	0.56J	ug/L	1.0	0.53	1		10/26/23 14:48	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 14:48	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:48	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:48	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 14:48	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 14:48	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 14:48	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 14:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 14:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 14:48	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 14:48	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 14:48	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 14:48	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 14:48	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 14:48	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 14:48	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 14:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 14:48	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 14:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 14:48	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 14:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 14:48	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 14:48	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 14:48	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 14:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 14:48	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 14:48	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 14:48	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 14:48	108-67-8	
Vinyl chloride	410	ug/L	5.0	0.87	5		10/27/23 11:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 14:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 14:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 14:48	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/26/23 14:48	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:17		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2201D Lab ID: 40269928037 Collected: 10/17/23 11:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	49.7	mg/L	20.0	5.9	10		10/30/23 15:31	16887-00-6	
Sulfate	254	mg/L	20.0	4.4	10		10/30/23 15:31	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	411	mg/L	50.0	14.9	2		10/25/23 11:55		
<b>410.4 COD</b>									
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	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.2	mg/L	0.50	0.14	1		10/25/23 18:36	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2202 Lab ID: 40269928038 Collected: 10/17/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 15:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 15:05	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 15:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 15:05	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 15:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 15:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 15:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 15:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 15:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 15:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 15:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 15:05	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 15:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 15:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 15:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 15:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 15:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 15:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 15:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 15:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 15:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 15:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 15:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 15:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 15:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 15:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 15:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 15:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 15:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 15:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 15:05	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 15:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 15:05	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 15:05	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 15:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 15:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 15:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 15:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 15:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 15:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 15:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 15:05	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 15:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 15:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 15:05	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2202 Lab ID: 40269928038 Collected: 10/17/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 15:05	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 15:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 15:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 15:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 15:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 15:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 15:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 15:05	79-00-5	
Trichloroethene	1.4	ug/L	1.0	0.32	1		10/26/23 15:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 15:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 15:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 15:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 15:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 15:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 15:05	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/26/23 15:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 15:05	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 15:05	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2202 Lab ID: 40269928039 Collected: 10/17/23 13:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 16:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 16:42	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 16:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 16:42	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 16:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 16:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 16:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 16:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 16:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 16:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 16:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 16:42	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 16:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 16:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 16:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 16:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 16:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 16:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 16:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 16:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 16:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 16:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 16:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 16:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 16:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 16:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 16:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 16:42	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 16:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 16:42	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 16:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 16:42	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 16:42	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 16:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 16:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 16:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 16:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 16:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 16:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 16:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 16:42	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 16:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 16:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 16:42	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2202 Lab ID: 40269928039 Collected: 10/17/23 13:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 16:42	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 16:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 16:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 16:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 16:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 16:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 16:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 16:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 16:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 16:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 16:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 16:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 16:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 16:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 16:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/26/23 16:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/26/23 16:42	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 16:42	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-206 Lab ID: 40269928040 Collected: 10/17/23 15:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 13:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:22	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:22	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:22	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 13:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 13:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 13:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 13:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 13:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 13:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 13:22	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 13:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 13:22	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 13:22	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 13:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 13:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 13:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 13:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 13:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 13:22	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:22	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 13:22	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 13:22	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 13:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 13:22	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 13:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:22	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:22	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 13:22	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 13:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 13:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 13:22	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 13:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 13:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 13:22	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 13:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 13:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:22	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-206 Lab ID: 40269928040 Collected: 10/17/23 15:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 13:22	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 13:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 13:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 13:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 13:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 13:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 13:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 13:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 13:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 13:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 13:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 13:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 13:22	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 13:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 13:22	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 13:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 13:22	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 13:22	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2302 Lab ID: 40269928041 Collected: 10/18/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/30/23 11:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:24	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/30/23 11:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:24	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/30/23 11:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/30/23 11:24	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/30/23 11:24	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/30/23 11:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/30/23 11:24	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/30/23 11:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/30/23 11:24	108-90-7	
Chloroethane	4.0J	ug/L	5.0	1.4	1		10/30/23 11:24	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/30/23 11:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/30/23 11:24	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/30/23 11:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/30/23 11:24	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/30/23 11:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/30/23 11:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/30/23 11:24	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/30/23 11:24	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/30/23 11:24	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/30/23 11:24	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/30/23 11:24	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/30/23 11:24	75-71-8	
1,1-Dichloroethane	7.6	ug/L	1.0	0.30	1		10/30/23 11:24	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/30/23 11:24	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/30/23 11:24	75-35-4	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	0.47	1		10/30/23 11:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/30/23 11:24	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/30/23 11:24	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:24	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:24	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/30/23 11:24	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/30/23 11:24	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/30/23 11:24	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/30/23 11:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/30/23 11:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/30/23 11:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/30/23 11:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/30/23 11:24	99-87-6	
Methylene Chloride	0.98J	ug/L	5.0	0.32	1		10/30/23 11:24	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/30/23 11:24	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/30/23 11:24	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/30/23 11:24	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:24	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2302 Lab ID: 40269928041 Collected: 10/18/23 09:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/30/23 11:24	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/30/23 11:24	79-34-5	
Tetrachloroethene	0.80J	ug/L	1.0	0.41	1		10/30/23 11:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/30/23 11:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/30/23 11:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/30/23 11:24	120-82-1	
1,1,1-Trichloroethane	7.2	ug/L	1.0	0.30	1		10/30/23 11:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/30/23 11:24	79-00-5	
Trichloroethene	7.4	ug/L	1.0	0.32	1		10/30/23 11:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:24	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/30/23 11:24	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/30/23 11:24	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:24	108-67-8	
Vinyl chloride	0.56J	ug/L	1.0	0.17	1		10/30/23 11:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/30/23 11:24	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	87	%	70-130		1		10/30/23 11:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/30/23 11:24	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/30/23 11:24	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2302 Lab ID: 40269928042 Collected: 10/18/23 09:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 10:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:03	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 10:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:03	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 10:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 10:03	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 10:03	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 10:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 10:03	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 10:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 10:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 10:03	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 10:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 10:03	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 10:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 10:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 10:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 10:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 10:03	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 10:03	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 10:03	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 10:03	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 10:03	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 10:03	75-71-8	
1,1-Dichloroethane	0.37J	ug/L	1.0	0.30	1		10/27/23 10:03	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 10:03	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 10:03	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 10:03	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 10:03	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 10:03	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:03	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:03	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 10:03	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 10:03	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 10:03	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 10:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 10:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 10:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 10:03	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 10:03	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 10:03	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 10:03	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 10:03	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 10:03	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:03	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2302 Lab ID: 40269928042 Collected: 10/18/23 09:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 10:03	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 10:03	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 10:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 10:03	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 10:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 10:03	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 10:03	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 10:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:03	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 10:03	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 10:03	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:03	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 10:03	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 10:03	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 10:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/27/23 10:03	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/27/23 10:03	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2301 Lab ID: 40269928043 Collected: 10/18/23 10:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	14.7	ug/L	5.6	0.39	1		10/25/23 13:24	74-84-0	
Ethene	44.6	ug/L	5.0	0.25	1		10/25/23 13:24	74-85-1	
Methane	1440	ug/L	70.0	14.4	25		10/25/23 15:57	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	29.2	mg/L	1.2	0.29	5	10/23/23 05:13	10/28/23 02:10	7439-89-6	
Manganese	0.12	mg/L	0.020	0.0061	5	10/23/23 05:13	10/28/23 02:10	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.084	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 21:29	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 21:29	7440-47-3	
Iron, Dissolved	9.8	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 21:29	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:45	7439-92-1	
Manganese, Dissolved	0.083	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 21:29	7439-96-5	
Nickel, Dissolved	0.00055J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 21:29	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 11:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 11:45	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 11:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 11:45	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 11:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 11:45	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 11:45	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 11:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 11:45	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 11:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 11:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 11:45	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 11:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 11:45	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 11:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 11:45	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 11:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 11:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 11:45	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 11:45	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 11:45	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 11:45	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 11:45	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 11:45	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 11:45	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2301 Lab ID: 40269928043 Collected: 10/18/23 10:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 11:45	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 11:45	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 11:45	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 11:45	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 11:45	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 11:45	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 11:45	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 11:45	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 11:45	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 11:45	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 11:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 11:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 11:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 11:45	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 11:45	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 11:45	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 11:45	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 11:45	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 11:45	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 11:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 11:45	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 11:45	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 11:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 11:45	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 11:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 11:45	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 11:45	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 11:45	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 11:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 11:45	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 11:45	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 11:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 11:45	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 11:45	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 11:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		10/27/23 11:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 11:45	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 11:45	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:19		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2301 Lab ID: 40269928043 Collected: 10/18/23 10:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	6.6J	mg/L	10.0	3.0	5		10/30/23 15:45	16887-00-6	D3
Sulfate	47.9	mg/L	10.0	2.2	5		10/30/23 15:45	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	577	mg/L	125	37.2	5		10/25/23 11:56		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	30.2J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	4.0	mg/L	0.50	0.14	1		10/25/23 18:51	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2301 Lab ID: 40269928044 Collected: 10/18/23 11:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	7.9	ug/L	5.6	0.39	1		10/25/23 13:31	74-84-0	
Ethene	6.9	ug/L	5.0	0.25	1		10/25/23 13:31	74-85-1	
Methane	463	ug/L	28.0	5.8	10		10/25/23 16:03	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.24J	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 02:16	7439-89-6	
Manganese	0.0012J	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 02:16	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.019	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 21:36	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 21:36	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 21:36	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 20:50	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 21:36	7439-96-5	
Nickel, Dissolved	0.00032J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 21:36	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 12:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:03	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:03	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 12:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 12:03	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:03	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 12:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 12:03	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 12:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 12:03	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 12:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 12:03	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 12:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 12:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 12:03	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 12:03	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:03	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:03	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 12:03	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 12:03	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:03	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2301 Lab ID: 40269928044 Collected: 10/18/23 11:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 12:03	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 12:03	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 12:03	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 12:03	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 12:03	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:03	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:03	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:03	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 12:03	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 12:03	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 12:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 12:03	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:03	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 12:03	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:03	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 12:03	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:03	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:03	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 12:03	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 12:03	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 12:03	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 12:03	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 12:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:03	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 12:03	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 12:03	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:03	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 12:03	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 12:03	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 12:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/27/23 12:03	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/27/23 12:03	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:20		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2301 Lab ID: 40269928044 Collected: 10/18/23 11:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	21.3	mg/L	10.0	3.0	5		10/30/23 16:00	16887-00-6	
Sulfate	36.2	mg/L	10.0	2.2	5		10/30/23 16:00	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	102	mg/L	50.0	14.9	2		10/25/23 11:57		M0
<b>410.4 COD</b>									
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	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.5	mg/L	0.50	0.14	1		10/25/23 19:07	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2301D Lab ID: 40269928045 Collected: 10/18/23 10:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	13.4	ug/L	5.6	0.39	1		10/25/23 13:38	74-84-0	
Ethene	42.2	ug/L	5.0	0.25	1		10/25/23 13:38	74-85-1	
Methane	2570	ug/L	70.0	14.4	25		10/25/23 16:10	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	28.0	mg/L	0.50	0.12	2	10/23/23 05:13	10/28/23 02:21	7439-89-6	
Manganese	0.11	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/28/23 02:21	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.086	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 21:43	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 21:43	7440-47-3	
Iron, Dissolved	9.7	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 21:43	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 21:06	7439-92-1	
Manganese, Dissolved	0.085	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 21:43	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 21:43	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 13:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:46	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 13:46	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:46	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 13:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 13:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 13:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 13:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 13:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 13:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 13:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 13:46	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 13:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 13:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 13:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 13:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 13:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 13:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 13:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 13:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 13:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 13:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 13:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 13:46	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:46	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2301D Lab ID: 40269928045 Collected: 10/18/23 10:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 13:46	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 13:46	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 13:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 13:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 13:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:46	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 13:46	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 13:46	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 13:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 13:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 13:46	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 13:46	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 13:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 13:46	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 13:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 13:46	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 13:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 13:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 13:46	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 13:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 13:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 13:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 13:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 13:46	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 13:46	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 13:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 13:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 13:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:46	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 13:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 13:46	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 13:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 13:46	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 13:46	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:21		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2301D Lab ID: 40269928045 Collected: 10/18/23 10:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	6.3J	mg/L	10.0	3.0	5		10/30/23 16:14	16887-00-6	D3
Sulfate	48.0	mg/L	10.0	2.2	5		10/30/23 16:14	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	491	mg/L	50.0	14.9	2		10/25/23 14:12		M0
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	32.4J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.8	mg/L	0.50	0.14	1		10/25/23 19:42	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2301D Lab ID: 40269928046 Collected: 10/18/23 11:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	8.1	ug/L	5.6	0.39	1		10/25/23 13:45	74-84-0	
Ethene	6.8	ug/L	5.0	0.25	1		10/25/23 13:45	74-85-1	
Methane	767	ug/L	28.0	5.8	10		10/25/23 16:17	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.24J	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 02:36	7439-89-6	
Manganese	0.0014J	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 02:36	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.019	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 21:51	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 21:51	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 21:51	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/31/23 02:08	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 21:51	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 21:51	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 12:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:20	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:20	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 12:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 12:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 12:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 12:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 12:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 12:20	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 12:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 12:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 12:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 12:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 12:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 12:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 12:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 12:20	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:20	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2301D Lab ID: 40269928046 Collected: 10/18/23 11:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 12:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 12:20	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 12:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 12:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 12:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:20	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:20	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 12:20	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 12:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 12:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 12:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 12:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:20	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 12:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:20	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 12:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 12:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 12:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 12:20	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 12:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 12:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 12:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:20	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 12:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 12:20	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 12:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/27/23 12:20	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 12:20	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	1.2J	mg/L	4.0	1.2	1		10/24/23 11:24		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2301D Lab ID: 40269928046 Collected: 10/18/23 11:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	22.8	mg/L	10.0	3.0	5		10/30/23 16:29	16887-00-6	
Sulfate	39.5	mg/L	10.0	2.2	5		10/30/23 16:29	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	99.3	mg/L	25.0	7.4	1		10/25/23 12:08		
<b>410.4 COD</b>									
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	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.4	mg/L	0.50	0.14	1		10/25/23 19:58	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2303 Lab ID: 40269928047 Collected: 10/18/23 12:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	23.6	ug/L	5.6	0.39	1		10/25/23 13:52	74-84-0	
Ethene	281	ug/L	5.0	0.25	1		10/25/23 13:52	74-85-1	
Methane	2050	ug/L	70.0	14.4	25		10/25/23 16:24	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	7.4	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 02:41	7439-89-6	
Manganese	0.22	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 02:41	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.22	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 21:58	7440-39-3	
Chromium, Dissolved	0.0012J	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 21:58	7440-47-3	
Iron, Dissolved	8.1	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 21:58	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 21:16	7439-92-1	
Manganese, Dissolved	0.23	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 21:58	7439-96-5	D9
Nickel, Dissolved	0.00056J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 21:58	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 14:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:03	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:03	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 14:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 14:03	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:03	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 14:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 14:03	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 14:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 14:03	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 14:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 14:03	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 14:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 14:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 14:03	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 14:03	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:03	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:03	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 14:03	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 14:03	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:03	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2303 Lab ID: 40269928047 Collected: 10/18/23 12:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 14:03	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 14:03	75-35-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.47	1		10/27/23 14:03	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 14:03	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 14:03	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:03	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:03	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:03	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 14:03	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 14:03	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 14:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 14:03	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:03	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 14:03	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:03	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 14:03	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:03	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:03	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 14:03	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 14:03	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 14:03	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 14:03	79-00-5	
Trichloroethene	0.58J	ug/L	1.0	0.32	1		10/27/23 14:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:03	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 14:03	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 14:03	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:03	108-67-8	
Vinyl chloride	45.2	ug/L	1.0	0.17	1		10/27/23 14:03	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 14:03	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 14:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 14:03	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 14:03	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:26		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2303 Lab ID: 40269928047 Collected: 10/18/23 12:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	113	mg/L	20.0	5.9	10		10/30/23 17:26	16887-00-6	
Sulfate	225	mg/L	20.0	4.4	10		10/30/23 17:26	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	395	mg/L	50.0	14.9	2		10/25/23 12:10		
<b>410.4 COD</b>									
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	10/31/23 05:15	10/31/23 08:45		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.0	mg/L	0.50	0.14	1		10/25/23 20:13	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2303 Lab ID: 40269928048 Collected: 10/18/23 13:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	10.6	ug/L	5.6	0.39	1		10/25/23 13:59	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/25/23 13:59	74-85-1	
Methane	3510	ug/L	140	28.8	50		10/25/23 16:31	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	7.0	mg/L	0.25	0.058	1	10/23/23 05:13	10/28/23 02:47	7439-89-6	
Manganese	0.27	mg/L	0.0040	0.0012	1	10/23/23 05:13	10/28/23 02:47	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.33	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 22:05	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 22:05	7440-47-3	
Iron, Dissolved	5.9	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 22:05	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 21:21	7439-92-1	
Manganese, Dissolved	0.25	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 22:05	7439-96-5	
Nickel, Dissolved	0.00038J	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 22:05	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 12:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:37	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:37	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 12:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 12:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 12:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 12:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 12:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 12:37	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 12:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 12:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 12:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 12:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 12:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 12:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 12:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 12:37	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:37	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2303 Lab ID: 40269928048 Collected: 10/18/23 13:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 12:37	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 12:37	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 12:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 12:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 12:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:37	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:37	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 12:37	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 12:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 12:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 12:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 12:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:37	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 12:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 12:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 12:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 12:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 12:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 12:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 12:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 12:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:37	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 12:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 12:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 12:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 12:37	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/27/23 12:37	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:27		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2303 Lab ID: 40269928048 Collected: 10/18/23 13:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	<b>167</b>	mg/L	20.0	5.9	10		10/30/23 17:40	16887-00-6	
Sulfate	<b>281</b>	mg/L	20.0	4.4	10		10/30/23 17:40	14808-79-8	
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	<b>643</b>	mg/L	125	37.2	5		10/25/23 12:11		
<b>410.4 COD</b>	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	<b>&lt;14.7</b>	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	<b>1.9</b>	mg/L	0.50	0.14	1		10/25/23 20:30	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2102 Lab ID: 40269928049 Collected: 10/18/23 09:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/25/23 14:06	74-84-0	
Ethene	6.5	ug/L	5.0	0.25	1		10/25/23 14:06	74-85-1	
Methane	5850	ug/L	280	57.6	100		10/25/23 16:38	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	4.0	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 01:47	7439-89-6	
Manganese	0.42	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 01:47	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.065	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 22:13	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 22:13	7440-47-3	
Iron, Dissolved	0.21J	mg/L	0.25	0.058	1	10/23/23 05:27	10/27/23 21:26	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 21:26	7439-92-1	
Manganese, Dissolved	0.50	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 22:13	7439-96-5	D9
Nickel, Dissolved	0.0035	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 22:13	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 14:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:20	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:20	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 14:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 14:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 14:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 14:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 14:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 14:20	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 14:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 14:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 14:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 14:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 14:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 14:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 14:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 14:20	75-71-8	
1,1-Dichloroethane	0.97J	ug/L	1.0	0.30	1		10/27/23 14:20	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2102 Lab ID: 40269928049 Collected: 10/18/23 09:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 14:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 14:20	75-35-4	
cis-1,2-Dichloroethene	0.51J	ug/L	1.0	0.47	1		10/27/23 14:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 14:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 14:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:20	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:20	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 14:20	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 14:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 14:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 14:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 14:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:20	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 14:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:20	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 14:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 14:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 14:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 14:20	79-00-5	
Trichloroethene	0.60J	ug/L	1.0	0.32	1		10/27/23 14:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 14:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 14:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:20	108-67-8	
Vinyl chloride	2.2	ug/L	1.0	0.17	1		10/27/23 14:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 14:20	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 14:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/27/23 14:20	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/27/23 14:20	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	4.4	mg/L	4.0	1.2	1		10/24/23 11:34		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2102 Lab ID: 40269928049 Collected: 10/18/23 09:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	40.1	mg/L	20.0	5.9	10		10/30/23 17:55	16887-00-6	
Sulfate	880	mg/L	100	22.2	50		10/31/23 18:56	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	592	mg/L	125	37.2	5		10/25/23 12:12		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	333	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	67.9	mg/L	15.0	4.2	30		10/30/23 08:12	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2101 Lab ID: 40269928050 Collected: 10/18/23 10:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	105	ug/L	5.6	0.39	1		10/27/23 12:31	74-84-0	
Ethene	321	ug/L	5.0	0.25	1		10/27/23 12:31	74-85-1	
Methane	6680	ug/L	280	57.6	100		10/27/23 15:31	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	41.1	mg/L	0.50	0.12	2	10/23/23 05:13	10/31/23 02:03	7439-89-6	
Manganese	0.034	mg/L	0.0081	0.0024	2	10/23/23 05:13	10/31/23 02:03	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.16	mg/L	0.0023	0.00070	1	10/23/23 05:27	10/26/23 22:20	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 05:27	10/26/23 22:20	7440-47-3	
Iron, Dissolved	53.6	mg/L	0.25	0.058	1	10/23/23 05:27	10/26/23 22:20	7439-89-6	CR
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 05:27	10/27/23 21:32	7439-92-1	
Manganese, Dissolved	0.037	mg/L	0.0040	0.0012	1	10/23/23 05:27	10/26/23 22:20	7439-96-5	D9
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	10/23/23 05:27	10/26/23 22:20	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.1	ug/L	1.0	0.30	1		10/27/23 14:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:37	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:37	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 14:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 14:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 14:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 14:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 14:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 14:37	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 14:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 14:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 14:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 14:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 14:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 14:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 14:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 14:37	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:37	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2101 Lab ID: 40269928050 Collected: 10/18/23 10:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 14:37	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 14:37	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 14:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 14:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 14:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:37	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:37	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 14:37	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 14:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 14:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 14:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 14:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:37	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 14:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 14:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:37	127-18-4	
Toluene	0.71J	ug/L	1.0	0.29	1		10/27/23 14:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 14:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 14:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 14:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 14:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 14:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:37	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 14:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 14:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 14:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/27/23 14:37	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 14:37	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:35		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2101 Lab ID: 40269928050 Collected: 10/18/23 10:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	77.4	mg/L	20.0	5.9	10		10/30/23 18:09	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		10/30/23 18:09	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	522	mg/L	50.0	14.9	2		10/25/23 12:13		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	723	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	277	mg/L	15.0	4.2	30		10/30/23 08:58	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2111 Lab ID: 40269928051 Collected: 10/18/23 11:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	137	ug/L	5.6	0.39	1		10/27/23 12:38	74-84-0	
Ethene	180	ug/L	5.0	0.25	1		10/27/23 12:38	74-85-1	
Methane	4470	ug/L	140	28.8	50		10/27/23 15:38	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	117	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 11:04	7439-89-6	
Manganese	0.24	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 11:04	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.060	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 06:41	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 06:41	7440-47-3	
Iron, Dissolved	140	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 06:41	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 06:41	7439-92-1	
Manganese, Dissolved	0.32	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 02:01	7439-96-5	CR
Nickel, Dissolved	0.014	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 06:41	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.4	ug/L	1.0	0.30	1		10/30/23 11:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:41	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/30/23 11:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:41	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/30/23 11:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/30/23 11:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/30/23 11:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/30/23 11:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/30/23 11:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/30/23 11:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/30/23 11:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/30/23 11:41	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/30/23 11:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/30/23 11:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/30/23 11:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/30/23 11:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/30/23 11:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/30/23 11:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/30/23 11:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/30/23 11:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/30/23 11:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/30/23 11:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/30/23 11:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/30/23 11:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:41	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2111 Lab ID: 40269928051 Collected: 10/18/23 11:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/30/23 11:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/30/23 11:41	75-35-4	
cis-1,2-Dichloroethene	19.4	ug/L	1.0	0.47	1		10/30/23 11:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/30/23 11:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/30/23 11:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:41	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/30/23 11:41	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/30/23 11:41	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/30/23 11:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/30/23 11:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/30/23 11:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/30/23 11:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/30/23 11:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/30/23 11:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/30/23 11:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/30/23 11:41	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/30/23 11:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/30/23 11:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/30/23 11:41	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/30/23 11:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/30/23 11:41	127-18-4	
Toluene	0.70J	ug/L	1.0	0.29	1		10/30/23 11:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/30/23 11:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/30/23 11:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/30/23 11:41	79-00-5	
Trichloroethene	1.4	ug/L	1.0	0.32	1		10/30/23 11:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/30/23 11:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/30/23 11:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:41	108-67-8	
Vinyl chloride	5.9	ug/L	1.0	0.17	1		10/30/23 11:41	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/30/23 11:41	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/30/23 11:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/30/23 11:41	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		10/30/23 11:41	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:36		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: MW-2111**      **Lab ID: 40269928051**      Collected: 10/18/23 11:50      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>70.7</b>	mg/L	40.0	11.8	20		10/30/23 18:23	16887-00-6	
Sulfate	<b>9.1J</b>	mg/L	40.0	8.9	20		10/30/23 18:23	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>1490</b>	mg/L	250	74.4	10		10/25/23 12:14		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>3250</b>	mg/L	400	118	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1050</b>	mg/L	50.0	13.8	100		10/30/23 09:48	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2110 Lab ID: 40269928052 Collected: 10/18/23 09:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/27/23 14:56	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/27/23 14:56	74-85-1	
Methane	4.0	ug/L	2.8	0.58	1		10/27/23 14:56	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.50	mg/L	0.25	0.058	1	10/23/23 06:01	10/28/23 03:02	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 11:19	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.058	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 07:11	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 07:11	7440-47-3	
Iron, Dissolved	0.47	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 07:11	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 07:11	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 02:15	7439-96-5	
Nickel, Dissolved	0.00060J	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 07:11	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 12:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:54	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:54	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:54	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 12:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 12:54	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:54	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 12:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 12:54	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 12:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 12:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 12:54	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 12:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 12:54	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 12:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 12:54	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 12:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 12:54	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 12:54	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:54	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:54	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 12:54	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 12:54	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:54	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2110 Lab ID: 40269928052 Collected: 10/18/23 09:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 12:54	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 12:54	75-35-4	
cis-1,2-Dichloroethene	6.8	ug/L	1.0	0.47	1		10/27/23 12:54	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 12:54	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 12:54	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:54	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:54	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:54	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 12:54	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 12:54	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 12:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 12:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 12:54	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:54	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 12:54	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 12:54	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 12:54	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 12:54	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 12:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 12:54	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 12:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 12:54	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 12:54	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 12:54	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 12:54	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 12:54	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 12:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 12:54	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 12:54	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 12:54	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 12:54	108-67-8	
Vinyl chloride	6.3	ug/L	1.0	0.17	1		10/27/23 12:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 12:54	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 12:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/27/23 12:54	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		10/27/23 12:54	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/24/23 11:38		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2110 Lab ID: 40269928052 Collected: 10/18/23 09:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	140	mg/L	40.0	11.8	20		10/30/23 18:38	16887-00-6	
Sulfate	347	mg/L	40.0	8.9	20		10/30/23 18:38	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	3590	mg/L	250	74.4	10		10/25/23 12:15		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	25.9J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	2.8	mg/L	0.50	0.14	1		10/30/23 10:04	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2110 Lab ID: 40269928053 Collected: 10/18/23 10:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/27/23 12:52	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/27/23 12:52	74-85-1	
Methane	8.1	ug/L	2.8	0.58	1		10/27/23 12:52	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	1.5	mg/L	0.25	0.058	1	10/23/23 06:01	10/26/23 23:19	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 11:26	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.053	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 07:40	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 07:40	7440-47-3	
Iron, Dissolved	2.1	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 07:40	7439-89-6	CR
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 07:40	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 02:23	7439-96-5	D9
Nickel, Dissolved	0.0015	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 07:40	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 13:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:11	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 13:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:11	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 13:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 13:11	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 13:11	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 13:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 13:11	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 13:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 13:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 13:11	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 13:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 13:11	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 13:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 13:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 13:11	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 13:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 13:11	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 13:11	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 13:11	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 13:11	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 13:11	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 13:11	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:11	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2110 Lab ID: 40269928053 Collected: 10/18/23 10:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 13:11	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 13:11	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 13:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 13:11	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 13:11	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:11	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:11	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 13:11	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 13:11	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 13:11	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 13:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 13:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 13:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 13:11	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 13:11	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 13:11	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 13:11	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 13:11	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 13:11	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 13:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 13:11	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 13:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 13:11	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 13:11	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 13:11	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:11	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 13:11	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 13:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:11	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 13:11	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 13:11	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:11	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 13:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 13:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 13:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/27/23 13:11	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 13:11	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:31		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: **PZ-2110** Lab ID: **40269928053** Collected: 10/18/23 10:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>529</b>	mg/L	40.0	11.8	20		10/30/23 18:52	16887-00-6	
Sulfate	<b>390</b>	mg/L	40.0	8.9	20		10/30/23 18:52	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>324</b>	mg/L	25.0	7.4	1		10/25/23 12:24		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>&lt;14.7</b>	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.6</b>	mg/L	0.50	0.14	1		10/30/23 10:43	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2111 Lab ID: 40269928054 Collected: 10/18/23 13:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	19.6	ug/L	5.6	0.39	1		10/27/23 12:59	74-84-0	pH
Ethene	41.2	ug/L	5.0	0.25	1		10/27/23 12:59	74-85-1	pH
Methane	6140	ug/L	280	57.6	100		10/27/23 15:45	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	185	mg/L	0.50	0.12	2	10/23/23 06:01	10/25/23 11:33	7439-89-6	
Manganese	0.42	mg/L	0.0081	0.0024	2	10/23/23 06:01	10/25/23 11:33	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.4	mg/L	0.047	0.014	20	10/23/23 06:14	10/27/23 04:35	7440-39-3	
Chromium, Dissolved	<0.0020	mg/L	0.0068	0.0020	2	10/23/23 06:14	10/26/23 07:47	7440-47-3	D3
Iron, Dissolved	175	mg/L	0.50	0.12	2	10/23/23 06:14	10/26/23 07:47	7439-89-6	
Lead, Dissolved	<0.00047	mg/L	0.0020	0.00047	2	10/23/23 06:14	10/26/23 07:47	7439-92-1	D3
Manganese, Dissolved	0.32	mg/L	0.0081	0.0024	2	10/23/23 06:14	10/27/23 02:30	7439-96-5	
Nickel, Dissolved	<0.00057	mg/L	0.0020	0.00057	2	10/23/23 06:14	10/26/23 07:47	7440-02-0	D3
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.41J	ug/L	1.0	0.30	1		10/27/23 14:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:54	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:54	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:54	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 14:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 14:54	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:54	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 14:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 14:54	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 14:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 14:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 14:54	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 14:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 14:54	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 14:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 14:54	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 14:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 14:54	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 14:54	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:54	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:54	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 14:54	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 14:54	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:54	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2111 Lab ID: 40269928054 Collected: 10/18/23 13:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 14:54	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 14:54	75-35-4	
cis-1,2-Dichloroethene	6.5	ug/L	1.0	0.47	1		10/27/23 14:54	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 14:54	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 14:54	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:54	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:54	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:54	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 14:54	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 14:54	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 14:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 14:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 14:54	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:54	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 14:54	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 14:54	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 14:54	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 14:54	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 14:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 14:54	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 14:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 14:54	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 14:54	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 14:54	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 14:54	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 14:54	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 14:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 14:54	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 14:54	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 14:54	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 14:54	108-67-8	
Vinyl chloride	0.81J	ug/L	1.0	0.17	1		10/27/23 14:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 14:54	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 14:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		10/27/23 14:54	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		10/27/23 14:54	2037-26-5	pH
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:33		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2111 Lab ID: 40269928054 Collected: 10/18/23 13:10 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	<b>99.3</b>	mg/L	20.0	5.9	10		10/30/23 19:07	16887-00-6	M0
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		10/30/23 19:07	14808-79-8	D3,M0
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	<b>2440</b>	mg/L	250	74.4	10		10/25/23 12:25		
<b>410.4 COD</b>	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	<b>5190</b>	mg/L	400	118	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	<b>1700</b>	mg/L	150	41.5	300		10/30/23 11:01	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2112 Lab ID: 40269928055 Collected: 10/18/23 11:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/27/23 13:20	74-84-0	
Ethene	5.2	ug/L	5.0	0.25	1		10/27/23 13:20	74-85-1	
Methane	3970	ug/L	56.0	11.5	20		10/27/23 15:52	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	2.2	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 11:41	7439-89-6	
Manganese	0.78	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 11:41	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.14	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 07:55	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 07:55	7440-47-3	
Iron, Dissolved	1.8	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 07:55	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 07:55	7439-92-1	
Manganese, Dissolved	0.74	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 02:37	7439-96-5	
Nickel, Dissolved	0.0015	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 07:55	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/30/23 11:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:06	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/30/23 11:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:06	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/30/23 11:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/30/23 11:06	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/30/23 11:06	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/30/23 11:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/30/23 11:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/30/23 11:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/30/23 11:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/30/23 11:06	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/30/23 11:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/30/23 11:06	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/30/23 11:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/30/23 11:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/30/23 11:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/30/23 11:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/30/23 11:06	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/30/23 11:06	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/30/23 11:06	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/30/23 11:06	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/30/23 11:06	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/30/23 11:06	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:06	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2112 Lab ID: 40269928055 Collected: 10/18/23 11:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/30/23 11:06	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		10/30/23 11:06	75-35-4	
cis-1,2-Dichloroethene	5.8	ug/L	1.0	0.47	1		10/30/23 11:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/30/23 11:06	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/30/23 11:06	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:06	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:06	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/30/23 11:06	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/30/23 11:06	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/30/23 11:06	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/30/23 11:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/30/23 11:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/30/23 11:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/30/23 11:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/30/23 11:06	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/30/23 11:06	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/30/23 11:06	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/30/23 11:06	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/30/23 11:06	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/30/23 11:06	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/30/23 11:06	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/30/23 11:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/30/23 11:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/30/23 11:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/30/23 11:06	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/30/23 11:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/30/23 11:06	79-00-5	
Trichloroethene	0.52J	ug/L	1.0	0.32	1		10/30/23 11:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/30/23 11:06	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/30/23 11:06	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/30/23 11:06	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/30/23 11:06	108-67-8	
Vinyl chloride	12.3	ug/L	1.0	0.17	1		10/30/23 11:06	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/30/23 11:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/30/23 11:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/30/23 11:06	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		10/30/23 11:06	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:34		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2112 Lab ID: 40269928055 Collected: 10/18/23 11:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	32.6	mg/L	20.0	5.9	10		10/30/23 13:16	16887-00-6	
Sulfate	223	mg/L	20.0	4.4	10		10/30/23 13:16	14808-79-8	M0
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	316	mg/L	50.0	14.9	2		10/31/23 10:24		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	88.7	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	16.2	mg/L	5.0	1.4	10		10/30/23 11:15	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2112 Lab ID: 40269928056 Collected: 10/18/23 12:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/27/23 13:27	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/27/23 13:27	74-85-1	
Methane	906	ug/L	14.0	2.9	5		10/27/23 15:59	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	1.3	mg/L	0.25	0.058	1	10/23/23 06:01	10/26/23 23:26	7439-89-6	
Manganese	0.023	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 11:48	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.23	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 08:02	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 08:02	7440-47-3	
Iron, Dissolved	1.2	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 08:02	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 08:02	7439-92-1	
Manganese, Dissolved	0.026	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 02:45	7439-96-5	D9
Nickel, Dissolved	0.0026	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 08:02	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 15:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:12	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 15:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:12	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 15:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 15:12	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 15:12	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 15:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 15:12	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 15:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 15:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 15:12	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 15:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 15:12	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 15:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 15:12	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 15:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 15:12	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 15:12	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 15:12	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 15:12	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 15:12	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 15:12	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:12	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2112 Lab ID: 40269928056 Collected: 10/18/23 12:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 15:12	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 15:12	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 15:12	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 15:12	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 15:12	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:12	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:12	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 15:12	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 15:12	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 15:12	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 15:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 15:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 15:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 15:12	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 15:12	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 15:12	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 15:12	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 15:12	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 15:12	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 15:12	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 15:12	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 15:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 15:12	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 15:12	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 15:12	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:12	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 15:12	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 15:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:12	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 15:12	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 15:12	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:12	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 15:12	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 15:12	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 15:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		10/27/23 15:12	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		10/27/23 15:12	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:35		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2112 Lab ID: 40269928056 Collected: 10/18/23 12:40 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	203	mg/L	20.0	5.9	10		10/30/23 14:01	16887-00-6	
Sulfate	47.1	mg/L	20.0	4.4	10		10/30/23 14:01	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	535	mg/L	50.0	14.9	2		10/31/23 10:27		
<b>410.4 COD</b>									
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	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.3	mg/L	0.50	0.14	1		10/30/23 11:31	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2109 Lab ID: 40269928057 Collected: 10/18/23 14:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 17:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 17:25	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 17:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 17:25	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 17:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 17:25	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 17:25	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 17:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 17:25	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 17:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 17:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 17:25	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 17:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 17:25	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 17:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 17:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 17:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 17:25	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 17:25	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 17:25	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 17:25	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 17:25	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 17:25	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 17:25	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 17:25	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 17:25	75-35-4	
cis-1,2-Dichloroethene	26.8	ug/L	1.0	0.47	1		10/27/23 17:25	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 17:25	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 17:25	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 17:25	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 17:25	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 17:25	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 17:25	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 17:25	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 17:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 17:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 17:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 17:25	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 17:25	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 17:25	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 17:25	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 17:25	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 17:25	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 17:25	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2109 Lab ID: 40269928057 Collected: 10/18/23 14:20 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 17:25	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 17:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 17:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 17:25	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 17:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 17:25	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 17:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 17:25	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 17:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 17:25	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 17:25	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 17:25	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 17:25	108-67-8	
Vinyl chloride	54.6	ug/L	1.0	0.17	1		10/27/23 17:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 17:25	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		10/27/23 17:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 17:25	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 17:25	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2109 Lab ID: 40269928058 Collected: 10/18/23 15:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 15:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:29	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 15:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:29	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 15:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 15:29	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 15:29	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 15:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 15:29	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 15:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 15:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 15:29	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 15:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 15:29	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 15:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 15:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 15:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 15:29	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 15:29	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 15:29	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 15:29	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 15:29	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 15:29	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:29	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 15:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 15:29	75-35-4	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.47	1		10/27/23 15:29	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 15:29	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 15:29	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:29	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:29	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 15:29	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 15:29	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 15:29	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 15:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 15:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 15:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 15:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 15:29	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 15:29	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 15:29	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 15:29	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 15:29	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:29	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2109 Lab ID: 40269928058 Collected: 10/18/23 15:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 15:29	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 15:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 15:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 15:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 15:29	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 15:29	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 15:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:29	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 15:29	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 15:29	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:29	108-67-8	
Vinyl chloride	15.4	ug/L	1.0	0.17	1		10/27/23 15:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 15:29	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/27/23 15:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/27/23 15:29	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 15:29	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-115 Lab ID: 40269928059 Collected: 10/18/23 14:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 13:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:28	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 13:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:28	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 13:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 13:28	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 13:28	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 13:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 13:28	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 13:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 13:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 13:28	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 13:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 13:28	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 13:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 13:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 13:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 13:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 13:28	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 13:28	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 13:28	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 13:28	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 13:28	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 13:28	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:28	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 13:28	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 13:28	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 13:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 13:28	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 13:28	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 13:28	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:28	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 13:28	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 13:28	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 13:28	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 13:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 13:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 13:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 13:28	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 13:28	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 13:28	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 13:28	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 13:28	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 13:28	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:28	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: MW-115**      **Lab ID: 40269928059**      Collected: 10/18/23 14:15      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 13:28	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 13:28	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 13:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 13:28	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 13:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 13:28	120-82-1	
1,1,1-Trichloroethane	0.40J	ug/L	1.0	0.30	1		10/27/23 13:28	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 13:28	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 13:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 13:28	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 13:28	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 13:28	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 13:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 13:28	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 13:28	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 13:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 13:28	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 13:28	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-114 Lab ID: 40269928060 Collected: 10/18/23 14:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 15:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:46	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 15:46	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:46	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 15:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 15:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 15:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 15:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 15:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 15:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 15:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 15:46	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 15:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 15:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 15:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 15:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 15:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 15:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 15:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 15:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 15:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 15:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 15:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 15:46	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:46	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 15:46	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/27/23 15:46	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/27/23 15:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/27/23 15:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 15:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:46	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 15:46	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 15:46	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 15:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 15:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 15:46	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 15:46	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 15:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 15:46	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 15:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 15:46	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 15:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 15:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:46	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-114 Lab ID: 40269928060 Collected: 10/18/23 14:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 15:46	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 15:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 15:46	127-18-4	
Toluene	1.3	ug/L	1.0	0.29	1		10/27/23 15:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 15:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 15:46	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 15:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 15:46	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/27/23 15:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 15:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 15:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 15:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 15:46	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/27/23 15:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 15:46	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		10/27/23 15:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 15:46	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 15:46	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-113 Lab ID: 40269928061 Collected: 10/18/23 14:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 21:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 21:35	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 21:35	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 21:35	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 21:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 21:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 21:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 21:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 21:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 21:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 21:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 21:35	75-00-3	
Chloroform	0.71J	ug/L	5.0	0.50	1		10/26/23 21:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 21:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 21:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 21:35	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 21:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 21:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 21:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 21:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 21:35	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 21:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 21:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 21:35	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 21:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 21:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 21:35	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 21:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 21:35	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 21:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 21:35	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 21:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 21:35	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 21:35	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 21:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 21:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 21:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 21:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 21:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 21:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 21:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 21:35	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 21:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 21:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 21:35	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-113 Lab ID: 40269928061 Collected: 10/18/23 14:45 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 21:35	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 21:35	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 21:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 21:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 21:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 21:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 21:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 21:35	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 21:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 21:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 21:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 21:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 21:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 21:35	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 21:35	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 21:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 21:35	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 21:35	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-118 Lab ID: 40269928062 Collected: 10/18/23 15:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 21:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 21:52	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 21:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 21:52	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 21:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 21:52	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 21:52	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 21:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 21:52	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 21:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 21:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 21:52	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 21:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 21:52	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 21:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 21:52	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 21:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 21:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 21:52	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 21:52	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 21:52	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 21:52	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 21:52	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 21:52	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 21:52	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 21:52	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 21:52	75-35-4	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	0.47	1		10/26/23 21:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 21:52	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 21:52	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 21:52	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 21:52	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 21:52	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 21:52	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 21:52	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 21:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 21:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 21:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 21:52	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 21:52	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 21:52	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 21:52	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 21:52	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 21:52	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 21:52	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-118 Lab ID: 40269928062 Collected: 10/18/23 15:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 21:52	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 21:52	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 21:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 21:52	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 21:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 21:52	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 21:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 21:52	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 21:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 21:52	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 21:52	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 21:52	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 21:52	108-67-8	
Vinyl chloride	0.99J	ug/L	1.0	0.17	1		10/26/23 21:52	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 21:52	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 21:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 21:52	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/26/23 21:52	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-103 Lab ID: 40269928063 Collected: 10/18/23 16:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 22:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:10	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 22:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:10	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 22:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 22:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 22:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 22:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 22:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 22:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 22:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 22:10	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 22:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 22:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 22:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 22:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 22:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 22:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 22:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 22:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 22:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 22:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 22:10	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:10	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 22:10	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 22:10	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 22:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 22:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 22:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:10	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 22:10	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 22:10	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 22:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 22:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 22:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 22:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 22:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 22:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 22:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 22:10	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 22:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 22:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:10	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-103 Lab ID: 40269928063 Collected: 10/18/23 16:25 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 22:10	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 22:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 22:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 22:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 22:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 22:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 22:10	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 22:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 22:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 22:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 22:10	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 22:10	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 22:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/26/23 22:10	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		10/26/23 22:10	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-102 Lab ID: 40269928064 Collected: 10/18/23 16:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 22:27	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:27	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 22:27	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:27	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 22:27	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 22:27	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 22:27	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 22:27	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 22:27	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 22:27	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 22:27	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 22:27	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 22:27	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 22:27	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 22:27	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 22:27	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 22:27	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 22:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 22:27	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 22:27	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 22:27	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 22:27	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 22:27	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 22:27	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:27	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 22:27	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 22:27	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 22:27	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 22:27	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 22:27	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:27	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:27	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 22:27	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 22:27	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 22:27	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 22:27	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 22:27	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 22:27	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 22:27	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 22:27	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 22:27	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 22:27	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 22:27	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 22:27	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:27	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-102 Lab ID: 40269928064 Collected: 10/18/23 16:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 22:27	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 22:27	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 22:27	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 22:27	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 22:27	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 22:27	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:27	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 22:27	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 22:27	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:27	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 22:27	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 22:27	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:27	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 22:27	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 22:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/26/23 22:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/26/23 22:27	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 22:27	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-101 Lab ID: 40269928065 Collected: 10/18/23 16:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 22:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:44	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 22:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:44	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 22:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 22:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 22:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 22:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 22:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 22:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 22:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 22:44	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 22:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 22:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 22:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 22:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 22:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 22:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 22:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 22:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 22:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 22:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 22:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 22:44	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:44	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 22:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 22:44	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 22:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 22:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 22:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 22:44	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 22:44	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 22:44	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 22:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 22:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 22:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 22:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 22:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 22:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 22:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 22:44	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 22:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 22:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:44	100-42-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-101 Lab ID: 40269928065 Collected: 10/18/23 16:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 22:44	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 22:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 22:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 22:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 22:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 22:44	120-82-1	
1,1,1-Trichloroethane	0.88J	ug/L	1.0	0.30	1		10/26/23 22:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 22:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 22:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 22:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 22:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 22:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 22:44	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 22:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 22:44	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 22:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 22:44	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 22:44	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-61 Lab ID: 40269928066 Collected: 10/19/23 09:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	29.5	ug/L	5.6	0.39	1		10/27/23 13:34	74-84-0	
Ethene	369	ug/L	5.0	0.25	1		10/27/23 13:34	74-85-1	
Methane	1750	ug/L	28.0	5.8	10		10/27/23 17:15	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	3.7	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 11:55	7439-89-6	
Manganese	0.30	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/25/23 11:55	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.14	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 08:09	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 08:09	7440-47-3	
Iron, Dissolved	3.6	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 08:09	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 08:09	7439-92-1	
Manganese, Dissolved	0.28	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 02:52	7439-96-5	
Nickel, Dissolved	0.0016	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 08:09	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	12.0	ug/L	10.0	3.0	10		10/27/23 00:45	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		10/27/23 00:45	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		10/27/23 00:45	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		10/27/23 00:45	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		10/27/23 00:45	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		10/27/23 00:45	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		10/27/23 00:45	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		10/27/23 00:45	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		10/27/23 00:45	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		10/27/23 00:45	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		10/27/23 00:45	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		10/27/23 00:45	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		10/27/23 00:45	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		10/27/23 00:45	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/27/23 00:45	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/27/23 00:45	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		10/27/23 00:45	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		10/27/23 00:45	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		10/27/23 00:45	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		10/27/23 00:45	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		10/27/23 00:45	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		10/27/23 00:45	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		10/27/23 00:45	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		10/27/23 00:45	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		10/27/23 00:45	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-61 Lab ID: 40269928066 Collected: 10/19/23 09:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		10/27/23 00:45	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		10/27/23 00:45	75-35-4	
cis-1,2-Dichloroethene	1890	ug/L	10.0	4.7	10		10/27/23 00:45	156-59-2	
trans-1,2-Dichloroethene	14.4	ug/L	10.0	5.3	10		10/27/23 00:45	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		10/27/23 00:45	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		10/27/23 00:45	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		10/27/23 00:45	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		10/27/23 00:45	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		10/27/23 00:45	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		10/27/23 00:45	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		10/27/23 00:45	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		10/27/23 00:45	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		10/27/23 00:45	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		10/27/23 00:45	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		10/27/23 00:45	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		10/27/23 00:45	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		10/27/23 00:45	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		10/27/23 00:45	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		10/27/23 00:45	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		10/27/23 00:45	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		10/27/23 00:45	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		10/27/23 00:45	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		10/27/23 00:45	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		10/27/23 00:45	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		10/27/23 00:45	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		10/27/23 00:45	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		10/27/23 00:45	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		10/27/23 00:45	79-00-5	
Trichloroethene	11.4	ug/L	10.0	3.2	10		10/27/23 00:45	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		10/27/23 00:45	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		10/27/23 00:45	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		10/27/23 00:45	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		10/27/23 00:45	108-67-8	
Vinyl chloride	1960	ug/L	10.0	1.7	10		10/27/23 00:45	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		10/27/23 00:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		10		10/27/23 00:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		10		10/27/23 00:45	2199-69-1	
Toluene-d8 (S)	92	%	70-130		10		10/27/23 00:45	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:38		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-61 Lab ID: 40269928066 Collected: 10/19/23 09:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	89.4	mg/L	20.0	5.9	10		10/30/23 14:15	16887-00-6	
Sulfate	466	mg/L	20.0	4.4	10		10/30/23 14:15	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	203	mg/L	25.0	7.4	1		10/31/23 10:28		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	32.4J	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:46		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	13.2	mg/L	3.0	0.83	6		10/30/23 11:47	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: MW-61D**      **Lab ID: 40269928067**      Collected: 10/19/23 09:50      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	35.8	ug/L	5.6	0.39	1		10/27/23 13:41	74-84-0	
Ethene	457	ug/L	5.0	0.25	1		10/27/23 13:41	74-85-1	
Methane	1520	ug/L	28.0	5.8	10		10/27/23 17:22	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	3.7	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 12:32	7439-89-6	
Manganese	0.30	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/26/23 23:34	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.13	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 08:17	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 08:17	7440-47-3	
Iron, Dissolved	3.7	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 08:17	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 08:17	7439-92-1	
Manganese, Dissolved	0.28	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 03:29	7439-96-5	
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 08:17	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	10.6	ug/L	10.0	3.0	10		10/27/23 01:02	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		10/27/23 01:02	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		10/27/23 01:02	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		10/27/23 01:02	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		10/27/23 01:02	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		10/27/23 01:02	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		10/27/23 01:02	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		10/27/23 01:02	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		10/27/23 01:02	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		10/27/23 01:02	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		10/27/23 01:02	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		10/27/23 01:02	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		10/27/23 01:02	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		10/27/23 01:02	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/27/23 01:02	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		10/27/23 01:02	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		10/27/23 01:02	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		10/27/23 01:02	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		10/27/23 01:02	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		10/27/23 01:02	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		10/27/23 01:02	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		10/27/23 01:02	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		10/27/23 01:02	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		10/27/23 01:02	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		10/27/23 01:02	75-34-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-61D Lab ID: 40269928067 Collected: 10/19/23 09:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		10/27/23 01:02	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		10/27/23 01:02	75-35-4	
cis-1,2-Dichloroethene	1960	ug/L	10.0	4.7	10		10/27/23 01:02	156-59-2	
trans-1,2-Dichloroethene	7.7J	ug/L	10.0	5.3	10		10/27/23 01:02	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		10/27/23 01:02	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		10/27/23 01:02	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		10/27/23 01:02	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		10/27/23 01:02	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		10/27/23 01:02	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		10/27/23 01:02	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		10/27/23 01:02	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		10/27/23 01:02	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		10/27/23 01:02	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		10/27/23 01:02	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		10/27/23 01:02	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		10/27/23 01:02	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		10/27/23 01:02	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		10/27/23 01:02	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		10/27/23 01:02	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		10/27/23 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		10/27/23 01:02	630-20-6	
1,1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		10/27/23 01:02	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		10/27/23 01:02	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		10/27/23 01:02	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		10/27/23 01:02	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		10/27/23 01:02	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		10/27/23 01:02	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		10/27/23 01:02	79-00-5	
Trichloroethene	11.8	ug/L	10.0	3.2	10		10/27/23 01:02	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		10/27/23 01:02	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		10/27/23 01:02	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		10/27/23 01:02	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		10/27/23 01:02	108-67-8	
Vinyl chloride	1900	ug/L	10.0	1.7	10		10/27/23 01:02	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		10/27/23 01:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		10		10/27/23 01:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		10		10/27/23 01:02	2199-69-1	
Toluene-d8 (S)	91	%	70-130		10		10/27/23 01:02	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:39		

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-61D Lab ID: 40269928067 Collected: 10/19/23 09:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	92.7	mg/L	40.0	11.8	20		10/30/23 15:18	16887-00-6	
Sulfate	456	mg/L	40.0	8.9	20		10/30/23 15:18	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	204	mg/L	25.0	7.4	1		10/31/23 10:29		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	40.9J	mg/L	52.6	15.5	1	10/31/23 05:15	10/31/23 08:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	12.4	mg/L	3.0	0.83	6		10/30/23 12:02	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-61 Lab ID: 40269928068 Collected: 10/19/23 10:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	10.8	ug/L	5.6	0.39	1		10/27/23 13:47	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/27/23 13:47	74-85-1	
Methane	6410	ug/L	140	28.8	50		10/27/23 16:45	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	49.6	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 12:39	7439-89-6	
Manganese	0.16	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/26/23 23:41	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.33	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 08:24	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 08:24	7440-47-3	
Iron, Dissolved	53.9	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 08:24	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 08:24	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 03:36	7439-96-5	
Nickel, Dissolved	0.010	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 08:24	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 23:02	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 23:02	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 23:02	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 23:02	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 23:02	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 23:02	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 23:02	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 23:02	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 23:02	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 23:02	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 23:02	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 23:02	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 23:02	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 23:02	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 23:02	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 23:02	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 23:02	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 23:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 23:02	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 23:02	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 23:02	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 23:02	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 23:02	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 23:02	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 23:02	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-61 Lab ID: 40269928068 Collected: 10/19/23 10:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 23:02	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 23:02	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.47	1		10/26/23 23:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 23:02	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 23:02	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 23:02	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 23:02	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 23:02	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 23:02	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 23:02	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 23:02	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 23:02	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 23:02	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 23:02	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 23:02	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 23:02	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 23:02	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 23:02	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 23:02	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 23:02	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 23:02	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 23:02	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 23:02	127-18-4	
Toluene	1.2	ug/L	1.0	0.29	1		10/26/23 23:02	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 23:02	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 23:02	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 23:02	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 23:02	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 23:02	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 23:02	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 23:02	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 23:02	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 23:02	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 23:02	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 23:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 23:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 23:02	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		10/26/23 23:02	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:40		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-61 Lab ID: 40269928068 Collected: 10/19/23 10:50 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>637</b>	mg/L	40.0	11.8	20		10/30/23 15:33	16887-00-6	
Sulfate	<b>19.2J</b>	mg/L	40.0	8.9	20		10/30/23 15:33	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>788</b>	mg/L	125	37.2	5		10/31/23 10:30		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>86.5</b>	mg/L	52.6	15.5	1	10/31/23 05:15	10/31/23 08:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>19.7</b>	mg/L	5.0	1.4	10		10/30/23 12:17	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2103 Lab ID: 40269928069 Collected: 10/19/23 09:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	0.42J	ug/L	5.6	0.39	1		10/27/23 13:54	74-84-0	
Ethene	7.9	ug/L	5.0	0.25	1		10/27/23 13:54	74-85-1	
Methane	110	ug/L	2.8	0.58	1		10/27/23 13:54	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	8.2	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 12:47	7439-89-6	
Manganese	0.29	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/26/23 23:48	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.064	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 08:31	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 08:31	7440-47-3	
Iron, Dissolved	5.5	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 08:31	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 08:31	7439-92-1	
Manganese, Dissolved	0.28	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/27/23 03:43	7439-96-5	
Nickel, Dissolved	0.0052	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 08:31	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.59	ug/L	2.0	0.59	2		10/27/23 10:54	71-43-2	
Bromobenzene	<0.72	ug/L	2.0	0.72	2		10/27/23 10:54	108-86-1	
Bromochloromethane	<0.72	ug/L	2.0	0.72	2		10/27/23 10:54	74-97-5	
Bromodichloromethane	<0.83	ug/L	2.0	0.83	2		10/27/23 10:54	75-27-4	
Bromoform	<0.86	ug/L	2.0	0.86	2		10/27/23 10:54	75-25-2	
Bromomethane	<2.4	ug/L	10.0	2.4	2		10/27/23 10:54	74-83-9	
n-Butylbenzene	<1.7	ug/L	2.0	1.7	2		10/27/23 10:54	104-51-8	
sec-Butylbenzene	<0.85	ug/L	2.0	0.85	2		10/27/23 10:54	135-98-8	
tert-Butylbenzene	<1.2	ug/L	2.0	1.2	2		10/27/23 10:54	98-06-6	
Carbon tetrachloride	<0.74	ug/L	2.0	0.74	2		10/27/23 10:54	56-23-5	
Chlorobenzene	<1.7	ug/L	2.0	1.7	2		10/27/23 10:54	108-90-7	
Chloroethane	<2.8	ug/L	10.0	2.8	2		10/27/23 10:54	75-00-3	
Chloroform	<1.0	ug/L	10.0	1.0	2		10/27/23 10:54	67-66-3	
Chloromethane	<3.3	ug/L	10.0	3.3	2		10/27/23 10:54	74-87-3	
2-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		10/27/23 10:54	95-49-8	
4-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		10/27/23 10:54	106-43-4	
1,2-Dibromo-3-chloropropane	<4.7	ug/L	10.0	4.7	2		10/27/23 10:54	96-12-8	
Dibromochloromethane	<5.3	ug/L	10.0	5.3	2		10/27/23 10:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.62	ug/L	2.0	0.62	2		10/27/23 10:54	106-93-4	
Dibromomethane	<2.0	ug/L	10.0	2.0	2		10/27/23 10:54	74-95-3	
1,2-Dichlorobenzene	<0.65	ug/L	2.0	0.65	2		10/27/23 10:54	95-50-1	
1,3-Dichlorobenzene	<0.70	ug/L	2.0	0.70	2		10/27/23 10:54	541-73-1	
1,4-Dichlorobenzene	<1.8	ug/L	2.0	1.8	2		10/27/23 10:54	106-46-7	
Dichlorodifluoromethane	<0.91	ug/L	10.0	0.91	2		10/27/23 10:54	75-71-8	
1,1-Dichloroethane	<0.59	ug/L	2.0	0.59	2		10/27/23 10:54	75-34-3	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2103 Lab ID: 40269928069 Collected: 10/19/23 09:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		10/27/23 10:54	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		10/27/23 10:54	75-35-4	
cis-1,2-Dichloroethene	170	ug/L	2.0	0.94	2		10/27/23 10:54	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		10/27/23 10:54	156-60-5	
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		10/27/23 10:54	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	2		10/27/23 10:54	142-28-9	
2,2-Dichloropropane	<0.84	ug/L	2.0	0.84	2		10/27/23 10:54	594-20-7	
1,1-Dichloropropene	<0.82	ug/L	2.0	0.82	2		10/27/23 10:54	563-58-6	
cis-1,3-Dichloropropene	<0.47	ug/L	2.0	0.47	2		10/27/23 10:54	10061-01-5	
trans-1,3-Dichloropropene	<0.53	ug/L	2.0	0.53	2		10/27/23 10:54	10061-02-6	
Diisopropyl ether	<2.2	ug/L	10.0	2.2	2		10/27/23 10:54	108-20-3	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		10/27/23 10:54	100-41-4	
Hexachloro-1,3-butadiene	<5.5	ug/L	10.0	5.5	2		10/27/23 10:54	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	10.0	2.0	2		10/27/23 10:54	98-82-8	
p-Isopropyltoluene	<2.1	ug/L	10.0	2.1	2		10/27/23 10:54	99-87-6	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		10/27/23 10:54	75-09-2	
Methyl-tert-butyl ether	<2.3	ug/L	10.0	2.3	2		10/27/23 10:54	1634-04-4	
Naphthalene	<3.8	ug/L	10.0	3.8	2		10/27/23 10:54	91-20-3	
n-Propylbenzene	<0.69	ug/L	2.0	0.69	2		10/27/23 10:54	103-65-1	
Styrene	<0.71	ug/L	2.0	0.71	2		10/27/23 10:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.71	ug/L	2.0	0.71	2		10/27/23 10:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		10/27/23 10:54	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		10/27/23 10:54	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		10/27/23 10:54	108-88-3	
1,2,3-Trichlorobenzene	<2.0	ug/L	10.0	2.0	2		10/27/23 10:54	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		10/27/23 10:54	120-82-1	
1,1,1-Trichloroethane	<0.61	ug/L	2.0	0.61	2		10/27/23 10:54	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		10/27/23 10:54	79-00-5	
Trichloroethene	119	ug/L	2.0	0.64	2		10/27/23 10:54	79-01-6	
Trichlorofluoromethane	<0.84	ug/L	2.0	0.84	2		10/27/23 10:54	75-69-4	
1,2,3-Trichloropropane	<1.1	ug/L	2.0	1.1	2		10/27/23 10:54	96-18-4	
1,2,4-Trimethylbenzene	<0.90	ug/L	2.0	0.90	2		10/27/23 10:54	95-63-6	
1,3,5-Trimethylbenzene	<0.71	ug/L	2.0	0.71	2		10/27/23 10:54	108-67-8	
Vinyl chloride	53.8	ug/L	2.0	0.35	2		10/27/23 10:54	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		10/27/23 10:54	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		2		10/27/23 10:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		2		10/27/23 10:54	2199-69-1	
Toluene-d8 (S)	99	%	70-130		2		10/27/23 10:54	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:41		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2103 Lab ID: 40269928069 Collected: 10/19/23 09:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	86.9	mg/L	40.0	11.8	20		10/30/23 15:47	16887-00-6	
Sulfate	1830	mg/L	200	44.4	100		10/31/23 12:38	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	379	mg/L	125	37.2	5		10/31/23 10:31		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	106	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	28.5	mg/L	3.0	0.83	6		10/30/23 12:33	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2103D Lab ID: 40269928070 Collected: 10/19/23 09:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	0.56J	ug/L	5.6	0.39	1		10/27/23 14:01	74-84-0	
Ethene	9.2	ug/L	5.0	0.25	1		10/27/23 14:01	74-85-1	
Methane	132	ug/L	2.8	0.58	1		10/27/23 14:01	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	7.8	mg/L	0.25	0.058	1	10/23/23 06:01	10/25/23 12:54	7439-89-6	
Manganese	0.28	mg/L	0.0040	0.0012	1	10/23/23 06:01	10/26/23 23:56	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.064	mg/L	0.0023	0.00070	1	10/23/23 06:14	10/26/23 08:46	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	10/23/23 06:14	10/26/23 08:46	7440-47-3	
Iron, Dissolved	5.6	mg/L	0.25	0.058	1	10/23/23 06:14	10/26/23 08:46	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	10/23/23 06:14	10/26/23 08:46	7439-92-1	
Manganese, Dissolved	0.28	mg/L	0.0040	0.0012	1	10/23/23 06:14	10/26/23 08:46	7439-96-5	
Nickel, Dissolved	0.0053	mg/L	0.0010	0.00028	1	10/23/23 06:14	10/26/23 08:46	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/27/23 10:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:37	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/27/23 10:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:37	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/27/23 10:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/27/23 10:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 10:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/27/23 10:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/27/23 10:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/27/23 10:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/27/23 10:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/27/23 10:37	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/27/23 10:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/27/23 10:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 10:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/27/23 10:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/27/23 10:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/27/23 10:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/27/23 10:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/27/23 10:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 10:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 10:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/27/23 10:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/27/23 10:37	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:37	75-34-3	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2103D Lab ID: 40269928070 Collected: 10/19/23 09:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/27/23 10:37	107-06-2	
1,1-Dichloroethane	0.63J	ug/L	1.0	0.58	1		10/27/23 10:37	75-35-4	
cis-1,2-Dichloroethene	183	ug/L	1.0	0.47	1		10/27/23 10:37	156-59-2	
trans-1,2-Dichloroethene	1.2	ug/L	1.0	0.53	1		10/27/23 10:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/27/23 10:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:37	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/27/23 10:37	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/27/23 10:37	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/27/23 10:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 10:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/27/23 10:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/27/23 10:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/27/23 10:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/27/23 10:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/27/23 10:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/27/23 10:37	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/27/23 10:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/27/23 10:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/27/23 10:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/27/23 10:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/27/23 10:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/27/23 10:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/27/23 10:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/27/23 10:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/27/23 10:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/27/23 10:37	79-00-5	
Trichloroethene	129	ug/L	1.0	0.32	1		10/27/23 10:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/27/23 10:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/27/23 10:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/27/23 10:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/27/23 10:37	108-67-8	
Vinyl chloride	57.3	ug/L	1.0	0.17	1		10/27/23 10:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/27/23 10:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		10/27/23 10:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/27/23 10:37	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		10/27/23 10:37	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:43		

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: MW-2103D Lab ID: 40269928070 Collected: 10/19/23 09:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	75.8	mg/L	20.0	5.9	10		10/30/23 16:02	16887-00-6	
Sulfate	1690	mg/L	200	44.4	100		10/31/23 12:53	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	384	mg/L	125	37.2	5		10/31/23 10:35		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	128	mg/L	50.0	14.7	1	10/31/23 05:15	10/31/23 08:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	29.7	mg/L	3.0	0.83	6		10/30/23 12:49	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2103 Lab ID: 40269928071 Collected: 10/19/23 10:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	499	ug/L	5.6	0.39	1		10/27/23 14:08	74-84-0	pH
Ethene	5600	ug/L	125	6.3	25		10/27/23 16:52	74-85-1	pH
Methane	58.5	ug/L	2.8	0.58	1		10/27/23 14:08	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	111	mg/L	50.0	11.6	200	10/23/23 06:01	10/26/23 10:51	7439-89-6	
Manganese	1.1	mg/L	0.81	0.24	200	10/23/23 06:01	10/26/23 10:51	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	<0.070	mg/L	0.23	0.070	100	10/23/23 06:14	10/26/23 09:23	7440-39-3	D3
Calcium, Dissolved	505	mg/L	25.4	7.6	100	10/23/23 06:14	10/26/23 09:23	7440-70-2	
Chromium, Dissolved	<0.10	mg/L	0.34	0.10	100	10/23/23 06:14	10/26/23 09:23	7440-47-3	D3
Iron, Dissolved	91.0	mg/L	25.0	5.8	100	10/23/23 06:14	10/26/23 09:23	7439-89-6	
Lead, Dissolved	<0.024	mg/L	0.10	0.024	100	10/23/23 06:14	10/26/23 09:23	7439-92-1	D3
Magnesium, Dissolved	201	mg/L	25.0	3.1	100	10/23/23 06:14	10/26/23 09:23	7439-95-4	
Manganese, Dissolved	1.0	mg/L	0.40	0.12	100	10/23/23 06:14	10/26/23 09:23	7439-96-5	
Nickel, Dissolved	<0.028	mg/L	0.10	0.028	100	10/23/23 06:14	10/26/23 09:23	7440-02-0	D3
Potassium, Dissolved	<23.7	mg/L	78.9	23.7	100	10/23/23 06:14	10/26/23 09:23	7440-09-7	D3
Sodium, Dissolved	6330	mg/L	25.0	4.2	100	10/23/23 06:14	10/26/23 09:23	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1480	ug/L	5000	1480	5000		10/26/23 23:36	71-43-2	
Bromobenzene	<1800	ug/L	5000	1800	5000		10/26/23 23:36	108-86-1	
Bromochloromethane	<1790	ug/L	5000	1790	5000		10/26/23 23:36	74-97-5	
Bromodichloromethane	<2080	ug/L	5000	2080	5000		10/26/23 23:36	75-27-4	
Bromoform	<2140	ug/L	5000	2140	5000		10/26/23 23:36	75-25-2	
Bromomethane	<5960	ug/L	25000	5960	5000		10/26/23 23:36	74-83-9	
n-Butylbenzene	<4290	ug/L	5000	4290	5000		10/26/23 23:36	104-51-8	
sec-Butylbenzene	<2120	ug/L	5000	2120	5000		10/26/23 23:36	135-98-8	
tert-Butylbenzene	<2930	ug/L	5000	2930	5000		10/26/23 23:36	98-06-6	
Carbon tetrachloride	<1850	ug/L	5000	1850	5000		10/26/23 23:36	56-23-5	
Chlorobenzene	<4280	ug/L	5000	4280	5000		10/26/23 23:36	108-90-7	
Chloroethane	<6900	ug/L	25000	6900	5000		10/26/23 23:36	75-00-3	
Chloroform	<2520	ug/L	25000	2520	5000		10/26/23 23:36	67-66-3	
Chloromethane	<8180	ug/L	25000	8180	5000		10/26/23 23:36	74-87-3	
2-Chlorotoluene	<4450	ug/L	25000	4450	5000		10/26/23 23:36	95-49-8	
4-Chlorotoluene	<4470	ug/L	25000	4470	5000		10/26/23 23:36	106-43-4	
1,2-Dibromo-3-chloropropane	<11800	ug/L	25000	11800	5000		10/26/23 23:36	96-12-8	
Dibromochloromethane	<13200	ug/L	25000	13200	5000		10/26/23 23:36	124-48-1	
1,2-Dibromoethane (EDB)	<1550	ug/L	5000	1550	5000		10/26/23 23:36	106-93-4	
Dibromomethane	<4950	ug/L	25000	4950	5000		10/26/23 23:36	74-95-3	
1,2-Dichlorobenzene	<1630	ug/L	5000	1630	5000		10/26/23 23:36	95-50-1	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2103 Lab ID: 40269928071 Collected: 10/19/23 10:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<1760	ug/L	5000	1760	5000		10/26/23 23:36	541-73-1	
1,4-Dichlorobenzene	<4460	ug/L	5000	4460	5000		10/26/23 23:36	106-46-7	
Dichlorodifluoromethane	<2280	ug/L	25000	2280	5000		10/26/23 23:36	75-71-8	
1,1-Dichloroethane	<1480	ug/L	5000	1480	5000		10/26/23 23:36	75-34-3	
1,2-Dichloroethane	<1460	ug/L	5000	1460	5000		10/26/23 23:36	107-06-2	
1,1-Dichloroethene	<2910	ug/L	5000	2910	5000		10/26/23 23:36	75-35-4	
cis-1,2-Dichloroethene	64700	ug/L	5000	2360	5000		10/26/23 23:36	156-59-2	
trans-1,2-Dichloroethene	<2640	ug/L	5000	2640	5000		10/26/23 23:36	156-60-5	
1,2-Dichloropropane	<2240	ug/L	5000	2240	5000		10/26/23 23:36	78-87-5	
1,3-Dichloropropane	<1520	ug/L	5000	1520	5000		10/26/23 23:36	142-28-9	
2,2-Dichloropropane	<2090	ug/L	5000	2090	5000		10/26/23 23:36	594-20-7	
1,1-Dichloropropene	<2050	ug/L	5000	2050	5000		10/26/23 23:36	563-58-6	
cis-1,3-Dichloropropene	<1190	ug/L	5000	1190	5000		10/26/23 23:36	10061-01-5	
trans-1,3-Dichloropropene	<1330	ug/L	5000	1330	5000		10/26/23 23:36	10061-02-6	
Diisopropyl ether	<5500	ug/L	25000	5500	5000		10/26/23 23:36	108-20-3	
Ethylbenzene	<1630	ug/L	5000	1630	5000		10/26/23 23:36	100-41-4	
Hexachloro-1,3-butadiene	<13700	ug/L	25000	13700	5000		10/26/23 23:36	87-68-3	
Isopropylbenzene (Cumene)	<5000	ug/L	25000	5000	5000		10/26/23 23:36	98-82-8	
p-Isopropyltoluene	<5220	ug/L	25000	5220	5000		10/26/23 23:36	99-87-6	
Methylene Chloride	<1600	ug/L	25000	1600	5000		10/26/23 23:36	75-09-2	
Methyl-tert-butyl ether	<5650	ug/L	25000	5650	5000		10/26/23 23:36	1634-04-4	
Naphthalene	<9590	ug/L	25000	9590	5000		10/26/23 23:36	91-20-3	
n-Propylbenzene	<1730	ug/L	5000	1730	5000		10/26/23 23:36	103-65-1	
Styrene	<1780	ug/L	5000	1780	5000		10/26/23 23:36	100-42-5	
1,1,1,2-Tetrachloroethane	<1780	ug/L	5000	1780	5000		10/26/23 23:36	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1890	ug/L	5000	1890	5000		10/26/23 23:36	79-34-5	
Tetrachloroethene	<2040	ug/L	5000	2040	5000		10/26/23 23:36	127-18-4	
Toluene	<1440	ug/L	5000	1440	5000		10/26/23 23:36	108-88-3	
1,2,3-Trichlorobenzene	<5090	ug/L	25000	5090	5000		10/26/23 23:36	87-61-6	
1,2,4-Trichlorobenzene	<4750	ug/L	25000	4750	5000		10/26/23 23:36	120-82-1	
1,1,1-Trichloroethane	<1510	ug/L	5000	1510	5000		10/26/23 23:36	71-55-6	
1,1,2-Trichloroethane	<1720	ug/L	5000	1720	5000		10/26/23 23:36	79-00-5	
Trichloroethene	597000	ug/L	5000	1600	5000		10/26/23 23:36	79-01-6	
Trichlorofluoromethane	<2090	ug/L	5000	2090	5000		10/26/23 23:36	75-69-4	
1,2,3-Trichloropropane	<2780	ug/L	5000	2780	5000		10/26/23 23:36	96-18-4	
1,2,4-Trimethylbenzene	<2240	ug/L	5000	2240	5000		10/26/23 23:36	95-63-6	
1,3,5-Trimethylbenzene	<1790	ug/L	5000	1790	5000		10/26/23 23:36	108-67-8	
Vinyl chloride	<872	ug/L	5000	872	5000		10/26/23 23:36	75-01-4	
Xylene (Total)	<5240	ug/L	15000	5240	5000		10/26/23 23:36	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		5000		10/26/23 23:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		5000		10/26/23 23:36	2199-69-1	
Toluene-d8 (S)	92	%	70-130		5000		10/26/23 23:36	2037-26-5	pH

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: PZ-2103**      **Lab ID: 40269928071**      Collected: 10/19/23 10:30      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<b>1.6J</b>	mg/L	4.0	1.2	1		10/25/23 11:45		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>803</b>	mg/L	40.0	11.8	20		10/30/23 16:17	16887-00-6	
Sulfate	<b>9650</b>	mg/L	1000	222	500		10/31/23 13:08	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>3700</b>	mg/L	250	74.4	10		10/31/23 10:36		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>3940</b>	mg/L	1000	295	1	10/31/23 05:15	10/31/23 08:50		P4
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1350</b>	mg/L	50.0	13.8	100		10/30/23 13:06	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2103D Lab ID: 40269928072 Collected: 10/19/23 10:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	479	ug/L	5.6	0.39	1		10/27/23 14:15	74-84-0	pH
Ethene	9170	ug/L	125	6.3	25		10/27/23 16:59	74-85-1	pH
Methane	56.3	ug/L	2.8	0.58	1		10/27/23 14:15	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	96.2	mg/L	25.0	5.8	100	10/23/23 06:01	10/31/23 07:17	7439-89-6	
Manganese	1.0	mg/L	0.40	0.12	100	10/23/23 06:01	10/31/23 07:17	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	<0.070	mg/L	0.23	0.070	100	10/23/23 06:14	10/31/23 07:10	7440-39-3	D3
Calcium, Dissolved	512	mg/L	25.4	7.6	100	10/23/23 06:14	10/31/23 14:00	7440-70-2	
Chromium, Dissolved	<0.10	mg/L	0.34	0.10	100	10/23/23 06:14	10/31/23 07:10	7440-47-3	D3
Iron, Dissolved	85.8	mg/L	25.0	5.8	100	10/23/23 06:14	10/31/23 07:10	7439-89-6	
Lead, Dissolved	<0.024	mg/L	0.10	0.024	100	10/23/23 06:14	10/31/23 07:10	7439-92-1	D3
Magnesium, Dissolved	84.2	mg/L	25.0	3.1	100	10/23/23 06:14	10/31/23 07:10	7439-95-4	
Manganese, Dissolved	1.1	mg/L	0.40	0.12	100	10/23/23 06:14	10/31/23 07:10	7439-96-5	D9
Nickel, Dissolved	<0.028	mg/L	0.10	0.028	100	10/23/23 06:14	10/31/23 07:10	7440-02-0	D3
Potassium, Dissolved	<23.7	mg/L	78.9	23.7	100	10/23/23 06:14	10/31/23 14:00	7440-09-7	D3
Sodium, Dissolved	6670	mg/L	25.0	4.2	100	10/23/23 06:14	10/31/23 07:10	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1480	ug/L	5000	1480	5000		10/26/23 23:53	71-43-2	
Bromobenzene	<1800	ug/L	5000	1800	5000		10/26/23 23:53	108-86-1	
Bromochloromethane	<1790	ug/L	5000	1790	5000		10/26/23 23:53	74-97-5	
Bromodichloromethane	<2080	ug/L	5000	2080	5000		10/26/23 23:53	75-27-4	
Bromoform	<2140	ug/L	5000	2140	5000		10/26/23 23:53	75-25-2	
Bromomethane	<5960	ug/L	25000	5960	5000		10/26/23 23:53	74-83-9	
n-Butylbenzene	<4290	ug/L	5000	4290	5000		10/26/23 23:53	104-51-8	
sec-Butylbenzene	<2120	ug/L	5000	2120	5000		10/26/23 23:53	135-98-8	
tert-Butylbenzene	<2930	ug/L	5000	2930	5000		10/26/23 23:53	98-06-6	
Carbon tetrachloride	<1850	ug/L	5000	1850	5000		10/26/23 23:53	56-23-5	
Chlorobenzene	<4280	ug/L	5000	4280	5000		10/26/23 23:53	108-90-7	
Chloroethane	<6900	ug/L	25000	6900	5000		10/26/23 23:53	75-00-3	
Chloroform	<2520	ug/L	25000	2520	5000		10/26/23 23:53	67-66-3	
Chloromethane	<8180	ug/L	25000	8180	5000		10/26/23 23:53	74-87-3	
2-Chlorotoluene	<4450	ug/L	25000	4450	5000		10/26/23 23:53	95-49-8	
4-Chlorotoluene	<4470	ug/L	25000	4470	5000		10/26/23 23:53	106-43-4	
1,2-Dibromo-3-chloropropane	<11800	ug/L	25000	11800	5000		10/26/23 23:53	96-12-8	
Dibromochloromethane	<13200	ug/L	25000	13200	5000		10/26/23 23:53	124-48-1	
1,2-Dibromoethane (EDB)	<1550	ug/L	5000	1550	5000		10/26/23 23:53	106-93-4	
Dibromomethane	<4950	ug/L	25000	4950	5000		10/26/23 23:53	74-95-3	
1,2-Dichlorobenzene	<1630	ug/L	5000	1630	5000		10/26/23 23:53	95-50-1	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2103D Lab ID: 40269928072 Collected: 10/19/23 10:30 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<1760	ug/L	5000	1760	5000		10/26/23 23:53	541-73-1	
1,4-Dichlorobenzene	<4460	ug/L	5000	4460	5000		10/26/23 23:53	106-46-7	
Dichlorodifluoromethane	<2280	ug/L	25000	2280	5000		10/26/23 23:53	75-71-8	
1,1-Dichloroethane	<1480	ug/L	5000	1480	5000		10/26/23 23:53	75-34-3	
1,2-Dichloroethane	<1460	ug/L	5000	1460	5000		10/26/23 23:53	107-06-2	
1,1-Dichloroethene	<2910	ug/L	5000	2910	5000		10/26/23 23:53	75-35-4	
cis-1,2-Dichloroethene	49200	ug/L	5000	2360	5000		10/26/23 23:53	156-59-2	
trans-1,2-Dichloroethene	<2640	ug/L	5000	2640	5000		10/26/23 23:53	156-60-5	
1,2-Dichloropropane	<2240	ug/L	5000	2240	5000		10/26/23 23:53	78-87-5	
1,3-Dichloropropane	<1520	ug/L	5000	1520	5000		10/26/23 23:53	142-28-9	
2,2-Dichloropropane	<2090	ug/L	5000	2090	5000		10/26/23 23:53	594-20-7	
1,1-Dichloropropene	<2050	ug/L	5000	2050	5000		10/26/23 23:53	563-58-6	
cis-1,3-Dichloropropene	<1190	ug/L	5000	1190	5000		10/26/23 23:53	10061-01-5	
trans-1,3-Dichloropropene	<1330	ug/L	5000	1330	5000		10/26/23 23:53	10061-02-6	
Diisopropyl ether	<5500	ug/L	25000	5500	5000		10/26/23 23:53	108-20-3	
Ethylbenzene	<1630	ug/L	5000	1630	5000		10/26/23 23:53	100-41-4	
Hexachloro-1,3-butadiene	<13700	ug/L	25000	13700	5000		10/26/23 23:53	87-68-3	
Isopropylbenzene (Cumene)	<5000	ug/L	25000	5000	5000		10/26/23 23:53	98-82-8	
p-Isopropyltoluene	<5220	ug/L	25000	5220	5000		10/26/23 23:53	99-87-6	
Methylene Chloride	<1600	ug/L	25000	1600	5000		10/26/23 23:53	75-09-2	
Methyl-tert-butyl ether	<5650	ug/L	25000	5650	5000		10/26/23 23:53	1634-04-4	
Naphthalene	<9590	ug/L	25000	9590	5000		10/26/23 23:53	91-20-3	
n-Propylbenzene	<1730	ug/L	5000	1730	5000		10/26/23 23:53	103-65-1	
Styrene	<1780	ug/L	5000	1780	5000		10/26/23 23:53	100-42-5	
1,1,1,2-Tetrachloroethane	<1780	ug/L	5000	1780	5000		10/26/23 23:53	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1890	ug/L	5000	1890	5000		10/26/23 23:53	79-34-5	
Tetrachloroethene	<2040	ug/L	5000	2040	5000		10/26/23 23:53	127-18-4	
Toluene	<1440	ug/L	5000	1440	5000		10/26/23 23:53	108-88-3	
1,2,3-Trichlorobenzene	<5090	ug/L	25000	5090	5000		10/26/23 23:53	87-61-6	
1,2,4-Trichlorobenzene	<4750	ug/L	25000	4750	5000		10/26/23 23:53	120-82-1	
1,1,1-Trichloroethane	<1510	ug/L	5000	1510	5000		10/26/23 23:53	71-55-6	
1,1,2-Trichloroethane	<1720	ug/L	5000	1720	5000		10/26/23 23:53	79-00-5	
Trichloroethene	479000	ug/L	5000	1600	5000		10/26/23 23:53	79-01-6	
Trichlorofluoromethane	<2090	ug/L	5000	2090	5000		10/26/23 23:53	75-69-4	
1,2,3-Trichloropropane	<2780	ug/L	5000	2780	5000		10/26/23 23:53	96-18-4	
1,2,4-Trimethylbenzene	<2240	ug/L	5000	2240	5000		10/26/23 23:53	95-63-6	
1,3,5-Trimethylbenzene	<1790	ug/L	5000	1790	5000		10/26/23 23:53	108-67-8	
Vinyl chloride	<872	ug/L	5000	872	5000		10/26/23 23:53	75-01-4	
Xylene (Total)	<5240	ug/L	15000	5240	5000		10/26/23 23:53	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		5000		10/26/23 23:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		5000		10/26/23 23:53	2199-69-1	
Toluene-d8 (S)	92	%	70-130		5000		10/26/23 23:53	2037-26-5	pH

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

**Sample: PZ-2103D**      **Lab ID: 40269928072**      Collected: 10/19/23 10:30      Received: 10/20/23 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/25/23 11:47		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	<b>958J</b>	mg/L	1000	296	500		10/31/23 13:23	16887-00-6	D3
Sulfate	<b>9820</b>	mg/L	1000	222	500		10/31/23 13:23	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>3680</b>	mg/L	250	74.4	10		10/31/23 10:37		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>4240</b>	mg/L	1000	295	1	10/31/23 05:15	10/31/23 08:50		P4
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1400</b>	mg/L	50.0	13.8	100		10/30/23 13:43	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2101 Lab ID: 40269928073 Collected: 10/19/23 09:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	3210	ug/L	560	39.3	100		10/27/23 17:06	74-84-0	pH
Ethene	15300	ug/L	500	25.2	100		10/27/23 17:06	74-85-1	pH
Methane	997	ug/L	280	57.6	100		10/27/23 17:06	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	304	mg/L	1.2	0.29	5	10/23/23 06:01	10/25/23 18:09	7439-89-6	
Manganese	1.2	mg/L	0.020	0.0061	5	10/23/23 06:01	10/27/23 00:18	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.8	mg/L	0.047	0.014	20	10/23/23 06:14	10/26/23 09:37	7440-39-3	
Calcium, Dissolved	1140	mg/L	5.1	1.5	20	10/23/23 06:14	10/26/23 09:37	7440-70-2	
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	10/23/23 06:14	10/26/23 09:37	7440-47-3	D3
Iron, Dissolved	385	mg/L	5.0	1.2	20	10/23/23 06:14	10/26/23 09:37	7439-89-6	CR
Lead, Dissolved	<0.0047	mg/L	0.020	0.0047	20	10/23/23 06:14	10/26/23 09:37	7439-92-1	D3
Magnesium, Dissolved	203	mg/L	5.0	0.62	20	10/23/23 06:14	10/26/23 09:37	7439-95-4	
Manganese, Dissolved	1.2	mg/L	0.081	0.024	20	10/23/23 06:14	10/26/23 09:37	7439-96-5	D9
Nickel, Dissolved	<0.0057	mg/L	0.020	0.0057	20	10/23/23 06:14	10/26/23 09:37	7440-02-0	D3
Potassium, Dissolved	7.7J	mg/L	15.8	4.7	20	10/23/23 06:14	10/26/23 09:37	7440-09-7	D3
Sodium, Dissolved	536	mg/L	5.0	0.84	20	10/23/23 06:14	10/26/23 09:37	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<73.9	ug/L	250	73.9	250		10/27/23 00:11	71-43-2	
Bromobenzene	<90.2	ug/L	250	90.2	250		10/27/23 00:11	108-86-1	
Bromochloromethane	<89.4	ug/L	250	89.4	250		10/27/23 00:11	74-97-5	
Bromodichloromethane	<104	ug/L	250	104	250		10/27/23 00:11	75-27-4	
Bromoform	<107	ug/L	250	107	250		10/27/23 00:11	75-25-2	
Bromomethane	<298	ug/L	1250	298	250		10/27/23 00:11	74-83-9	
n-Butylbenzene	<214	ug/L	250	214	250		10/27/23 00:11	104-51-8	
sec-Butylbenzene	<106	ug/L	250	106	250		10/27/23 00:11	135-98-8	
tert-Butylbenzene	<147	ug/L	250	147	250		10/27/23 00:11	98-06-6	
Carbon tetrachloride	<92.3	ug/L	250	92.3	250		10/27/23 00:11	56-23-5	
Chlorobenzene	<214	ug/L	250	214	250		10/27/23 00:11	108-90-7	
Chloroethane	<345	ug/L	1250	345	250		10/27/23 00:11	75-00-3	
Chloroform	<126	ug/L	1250	126	250		10/27/23 00:11	67-66-3	
Chloromethane	<409	ug/L	1250	409	250		10/27/23 00:11	74-87-3	
2-Chlorotoluene	<222	ug/L	1250	222	250		10/27/23 00:11	95-49-8	
4-Chlorotoluene	<224	ug/L	1250	224	250		10/27/23 00:11	106-43-4	
1,2-Dibromo-3-chloropropane	<592	ug/L	1250	592	250		10/27/23 00:11	96-12-8	
Dibromochloromethane	<661	ug/L	1250	661	250		10/27/23 00:11	124-48-1	
1,2-Dibromoethane (EDB)	<77.3	ug/L	250	77.3	250		10/27/23 00:11	106-93-4	
Dibromomethane	<248	ug/L	1250	248	250		10/27/23 00:11	74-95-3	
1,2-Dichlorobenzene	<81.5	ug/L	250	81.5	250		10/27/23 00:11	95-50-1	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2101 Lab ID: 40269928073 Collected: 10/19/23 09:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<87.8	ug/L	250	87.8	250		10/27/23 00:11	541-73-1	
1,4-Dichlorobenzene	<223	ug/L	250	223	250		10/27/23 00:11	106-46-7	
Dichlorodifluoromethane	<114	ug/L	1250	114	250		10/27/23 00:11	75-71-8	
1,1-Dichloroethane	<73.9	ug/L	250	73.9	250		10/27/23 00:11	75-34-3	
1,2-Dichloroethane	<72.9	ug/L	250	72.9	250		10/27/23 00:11	107-06-2	
1,1-Dichloroethene	248J	ug/L	250	146	250		10/27/23 00:11	75-35-4	
cis-1,2-Dichloroethene	61700	ug/L	1000	472	1000		10/27/23 11:28	156-59-2	pH
trans-1,2-Dichloroethene	<132	ug/L	250	132	250		10/27/23 00:11	156-60-5	
1,2-Dichloropropane	<112	ug/L	250	112	250		10/27/23 00:11	78-87-5	
1,3-Dichloropropane	<76.2	ug/L	250	76.2	250		10/27/23 00:11	142-28-9	
2,2-Dichloropropane	<105	ug/L	250	105	250		10/27/23 00:11	594-20-7	
1,1-Dichloropropene	<103	ug/L	250	103	250		10/27/23 00:11	563-58-6	
cis-1,3-Dichloropropene	<59.3	ug/L	250	59.3	250		10/27/23 00:11	10061-01-5	
trans-1,3-Dichloropropene	<66.4	ug/L	250	66.4	250		10/27/23 00:11	10061-02-6	
Diisopropyl ether	<275	ug/L	1250	275	250		10/27/23 00:11	108-20-3	
Ethylbenzene	<81.3	ug/L	250	81.3	250		10/27/23 00:11	100-41-4	
Hexachloro-1,3-butadiene	<684	ug/L	1250	684	250		10/27/23 00:11	87-68-3	
Isopropylbenzene (Cumene)	<250	ug/L	1250	250	250		10/27/23 00:11	98-82-8	
p-Isopropyltoluene	<261	ug/L	1250	261	250		10/27/23 00:11	99-87-6	
Methylene Chloride	<79.9	ug/L	1250	79.9	250		10/27/23 00:11	75-09-2	
Methyl-tert-butyl ether	<282	ug/L	1250	282	250		10/27/23 00:11	1634-04-4	
Naphthalene	<479	ug/L	1250	479	250		10/27/23 00:11	91-20-3	
n-Propylbenzene	<86.3	ug/L	250	86.3	250		10/27/23 00:11	103-65-1	
Styrene	<89.1	ug/L	250	89.1	250		10/27/23 00:11	100-42-5	
1,1,1,2-Tetrachloroethane	<88.8	ug/L	250	88.8	250		10/27/23 00:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	<94.5	ug/L	250	94.5	250		10/27/23 00:11	79-34-5	
Tetrachloroethene	<102	ug/L	250	102	250		10/27/23 00:11	127-18-4	
Toluene	<72.0	ug/L	250	72.0	250		10/27/23 00:11	108-88-3	
1,2,3-Trichlorobenzene	<255	ug/L	1250	255	250		10/27/23 00:11	87-61-6	
1,2,4-Trichlorobenzene	<238	ug/L	1250	238	250		10/27/23 00:11	120-82-1	
1,1,1-Trichloroethane	<75.6	ug/L	250	75.6	250		10/27/23 00:11	71-55-6	
1,1,2-Trichloroethane	<86.1	ug/L	250	86.1	250		10/27/23 00:11	79-00-5	
Trichloroethene	52000	ug/L	250	79.9	250		10/27/23 00:11	79-01-6	
Trichlorofluoromethane	<105	ug/L	250	105	250		10/27/23 00:11	75-69-4	
1,2,3-Trichloropropane	<139	ug/L	250	139	250		10/27/23 00:11	96-18-4	
1,2,4-Trimethylbenzene	<112	ug/L	250	112	250		10/27/23 00:11	95-63-6	
1,3,5-Trimethylbenzene	<89.3	ug/L	250	89.3	250		10/27/23 00:11	108-67-8	
Vinyl chloride	23600	ug/L	250	43.6	250		10/27/23 00:11	75-01-4	
Xylene (Total)	<262	ug/L	750	262	250		10/27/23 00:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		250		10/27/23 00:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		250		10/27/23 00:11	2199-69-1	
Toluene-d8 (S)	92	%	70-130		250		10/27/23 00:11	2037-26-5	pH

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: PZ-2101 Lab ID: 40269928073 Collected: 10/19/23 09:00 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>4500S2F Sulfide, Iodometric</b>	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	<b>2.0J</b>	mg/L	4.0	1.2	1		10/25/23 11:51		
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	<b>868</b>	mg/L	40.0	11.8	20		10/30/23 16:47	16887-00-6	
Sulfate	<b>9.3J</b>	mg/L	40.0	8.9	20		10/30/23 16:47	14808-79-8	D3
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	<b>3490</b>	mg/L	250	74.4	10		10/31/23 10:38		
<b>410.4 COD</b>	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	<b>8270</b>	mg/L	1000	295	1	10/31/23 05:15	10/31/23 08:50		
<b>5310C TOC</b>	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	<b>2890</b>	mg/L	150	41.5	300		10/30/23 13:59	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: TB-02 Lab ID: 40269928074 Collected: 10/19/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		10/26/23 19:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 19:52	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		10/26/23 19:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 19:52	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		10/26/23 19:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		10/26/23 19:52	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 19:52	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		10/26/23 19:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		10/26/23 19:52	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		10/26/23 19:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		10/26/23 19:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		10/26/23 19:52	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		10/26/23 19:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		10/26/23 19:52	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 19:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		10/26/23 19:52	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		10/26/23 19:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		10/26/23 19:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		10/26/23 19:52	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		10/26/23 19:52	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 19:52	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 19:52	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		10/26/23 19:52	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		10/26/23 19:52	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 19:52	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		10/26/23 19:52	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		10/26/23 19:52	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		10/26/23 19:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		10/26/23 19:52	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		10/26/23 19:52	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		10/26/23 19:52	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		10/26/23 19:52	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		10/26/23 19:52	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		10/26/23 19:52	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		10/26/23 19:52	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 19:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		10/26/23 19:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		10/26/23 19:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		10/26/23 19:52	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		10/26/23 19:52	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		10/26/23 19:52	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		10/26/23 19:52	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		10/26/23 19:52	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		10/26/23 19:52	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		10/26/23 19:52	100-42-5	

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### ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40269928

Sample: TB-02 Lab ID: 40269928074 Collected: 10/19/23 12:15 Received: 10/20/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		10/26/23 19:52	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		10/26/23 19:52	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		10/26/23 19:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		10/26/23 19:52	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		10/26/23 19:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		10/26/23 19:52	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		10/26/23 19:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		10/26/23 19:52	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		10/26/23 19:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		10/26/23 19:52	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		10/26/23 19:52	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		10/26/23 19:52	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		10/26/23 19:52	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		10/26/23 19:52	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		10/26/23 19:52	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		10/26/23 19:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 19:52	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		10/26/23 19:52	2037-26-5	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458528	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:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049		

METHOD BLANK:	2633225	Matrix:	Water
Associated Lab Samples:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	10/25/23 10:21	
Ethene	ug/L	<0.25	5.0	10/25/23 10:21	
Methane	ug/L	<0.58	2.8	10/25/23 10:21	

LABORATORY CONTROL SAMPLE & LCSD: 2633226		2633227								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	54.0	52.5	101	98	80-120	3	20	
Ethene	ug/L	50	49.9	48.0	100	96	80-120	4	20	
Methane	ug/L	28.6	27.9	27.3	98	96	80-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2633611		2633612											
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928012 Result	Spike Conc.	Spike Conc.	MS Result								
Ethane	ug/L	<0.39	53.6	53.6	44.3	47.1	83	88	77-120	6	20		
Ethene	ug/L	<0.25	50	50	40.7	43.3	81	87	76-120	6	20		
Methane	ug/L	27.2	28.6	28.6	51.0	61.3	84	120	12-198	18	26		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch: 458799 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: 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073

METHOD BLANK: 2634986 Matrix: Water  
 Associated Lab Samples: 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	10/27/23 11:12	
Ethene	ug/L	<0.25	5.0	10/27/23 11:12	
Methane	ug/L	<0.58	2.8	10/27/23 11:12	

LABORATORY CONTROL SAMPLE & LCSD: 2634987 2634988

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	48.8	54.4	91	102	80-120	11	20	
Ethene	ug/L	50	44.9	50.3	90	101	80-120	11	20	
Methane	ug/L	28.6	25.1	28.3	88	99	80-120	12	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634989 2634990

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269725007 Result	Spike Conc.	Spike Conc.	MS Result						
Ethane	ug/L	0.67J	134	134	113	123	84	91	77-120	8	20
Ethene	ug/L	64.3	125	125	180	207	92	115	76-120	14	20
Methane	ug/L	282	71.4	71.4	490	621	291	475	12-198	24	26 M1

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458211	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050		

METHOD BLANK:	2632115	Matrix:	Water
Associated Lab Samples:	40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	10/31/23 01:01	
Manganese	mg/L	<0.0012	0.0040	10/31/23 01:01	

LABORATORY CONTROL SAMPLE:	2632116					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.2	102	80-120	
Manganese	mg/L	0.25	0.25	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2632117			2632118								
Parameter	Units	40269928011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	5.0	10	10	14.9	14.9	98	99	75-125	0	20	
Manganese	mg/L	0.54	0.25	0.25	0.80	0.77	105	90	75-125	5	20	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458214	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40269928002, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

METHOD BLANK:	2632127	Matrix:	Water
Associated Lab Samples:	40269928002, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	10/25/23 09:21	
Manganese	mg/L	<0.0012	0.0040	10/25/23 09:21	

LABORATORY CONTROL SAMPLE:	2632128					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.4	104	80-120	
Manganese	mg/L	0.25	0.26	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2632129			2632130								
Parameter	Units	40269928002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	6.3	10	10	16.7	16.4	104	101	75-125	2	20	
Manganese	mg/L	0.26	0.25	0.25	0.51	0.50	101	97	75-125	2	20	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458212	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050		

METHOD BLANK:	2632119	Matrix:	Water
Associated Lab Samples:	40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	10/26/23 09:08	
Chromium, Dissolved	mg/L	<0.0010	0.0034	10/26/23 09:08	
Iron, Dissolved	mg/L	<0.058	0.25	10/26/23 09:08	
Lead, Dissolved	mg/L	<0.00024	0.0010	10/26/23 09:08	
Manganese, Dissolved	mg/L	<0.0012	0.0040	10/26/23 09:08	
Nickel, Dissolved	mg/L	<0.00028	0.0010	10/26/23 09:08	

LABORATORY CONTROL SAMPLE: 2632120						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.26	104	80-120	
Chromium, Dissolved	mg/L	0.25	0.24	98	80-120	
Iron, Dissolved	mg/L	10	10.3	103	80-120	
Lead, Dissolved	mg/L	0.25	0.26	102	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	98	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632121												2632122	
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928011 Result	Spike Conc.	Spike Conc.	Conc.								
Barium, Dissolved	mg/L	0.17	0.25	0.25	0.44	0.43	107	103	75-125	2	20		
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.25	0.24	98	96	75-125	2	20		
Iron, Dissolved	mg/L	4.6	10	10	15.4	14.9	108	103	75-125	4	20		
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.25	105	101	75-125	4	20		
Manganese, Dissolved	mg/L	0.52	0.25	0.25	0.80	0.78	112	106	75-125	2	20		
Nickel, Dissolved	mg/L	0.013	0.25	0.25	0.26	0.25	99	95	75-125	3	20		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458218	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40269928002, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073

METHOD BLANK: 2632142 Matrix: Water

Associated Lab Samples: 40269928002, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	10/26/23 04:44	
Calcium, Dissolved	mg/L	<0.076	0.25	10/26/23 04:44	
Chromium, Dissolved	mg/L	<0.0010	0.0034	10/26/23 04:44	
Iron, Dissolved	mg/L	<0.058	0.25	10/26/23 04:44	
Lead, Dissolved	mg/L	<0.00024	0.0010	10/26/23 04:44	
Magnesium, Dissolved	mg/L	<0.031	0.25	10/26/23 04:44	
Manganese, Dissolved	mg/L	<0.0012	0.0040	10/26/23 22:57	
Nickel, Dissolved	mg/L	<0.00028	0.0010	10/26/23 04:44	
Potassium, Dissolved	mg/L	<0.24	0.79	10/26/23 04:44	
Sodium, Dissolved	mg/L	<0.042	0.25	10/26/23 04:44	

LABORATORY CONTROL SAMPLE: 2632143

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.26	103	80-120	
Calcium, Dissolved	mg/L	10	11.1	111	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	98	80-120	
Iron, Dissolved	mg/L	10	10.4	104	80-120	
Lead, Dissolved	mg/L	0.25	0.25	102	80-120	
Magnesium, Dissolved	mg/L	10	10.4	104	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	101	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	102	80-120	
Potassium, Dissolved	mg/L	10	10.6	106	80-120	
Sodium, Dissolved	mg/L	10	9.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632144 2632145

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40269928002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Barium, Dissolved	mg/L	0.14	0.25	0.25	0.41	0.39	106	100	75-125	4	20	
Calcium, Dissolved	mg/L	359	10	10	372	366	126	71	75-125	1	20	P6
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.25	0.23	99	93	75-125	6	20	
Iron, Dissolved	mg/L	6.4	10	10	17.7	16.7	113	103	75-125	6	20	
Lead, Dissolved	mg/L	0.00042J	0.25	0.25	0.27	0.26	108	105	75-125	3	20	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

Parameter	Units	2632144		2632145		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Magnesium, Dissolved	mg/L	121	10	10	131	128	98	68	75-125	2	20	P6	
Manganese, Dissolved	mg/L	0.25	0.25	0.25	0.51	0.49	106	96	75-125	5	20		
Nickel, Dissolved	mg/L	0.0030	0.25	0.25	0.25	0.24	99	93	75-125	6	20		
Potassium, Dissolved	mg/L	11.8	10	10	22.1	21.1	103	94	75-125	4	20		
Sodium, Dissolved	mg/L	86.8	10	10	98.1	94.8	114	80	75-125	3	20		

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**REPORT OF LABORATORY ANALYSIS**

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## QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch: 458247

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40269928001, 40269928002, 40269928003, 40269928004, 40269928005, 40269928006, 40269928007, 40269928008, 40269928009, 40269928010, 40269928011, 40269928012, 40269928013, 40269928014, 40269928015, 40269928016, 40269928017, 40269928018, 40269928019, 40269928020

METHOD BLANK: 2632242

Matrix: Water

Associated Lab Samples: 40269928001, 40269928002, 40269928003, 40269928004, 40269928005, 40269928006, 40269928007, 40269928008, 40269928009, 40269928010, 40269928011, 40269928012, 40269928013, 40269928014, 40269928015, 40269928016, 40269928017, 40269928018, 40269928019, 40269928020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/25/23 10:33	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/25/23 10:33	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/25/23 10:33	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	10/25/23 10:33	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/25/23 10:33	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/25/23 10:33	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/25/23 10:33	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/25/23 10:33	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	10/25/23 10:33	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/25/23 10:33	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/25/23 10:33	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/25/23 10:33	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/25/23 10:33	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/25/23 10:33	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/25/23 10:33	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/25/23 10:33	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/25/23 10:33	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/25/23 10:33	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/25/23 10:33	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/25/23 10:33	
2,2-Dichloropropane	ug/L	<0.42	1.0	10/25/23 10:33	
2-Chlorotoluene	ug/L	<0.89	5.0	10/25/23 10:33	
4-Chlorotoluene	ug/L	<0.89	5.0	10/25/23 10:33	
Benzene	ug/L	<0.30	1.0	10/25/23 10:33	
Bromobenzene	ug/L	<0.36	1.0	10/25/23 10:33	
Bromochloromethane	ug/L	<0.36	1.0	10/25/23 10:33	
Bromodichloromethane	ug/L	<0.42	1.0	10/25/23 10:33	
Bromoform	ug/L	<0.43	1.0	10/25/23 10:33	
Bromomethane	ug/L	<1.2	5.0	10/25/23 10:33	
Carbon tetrachloride	ug/L	<0.37	1.0	10/25/23 10:33	
Chlorobenzene	ug/L	<0.86	1.0	10/25/23 10:33	
Chloroethane	ug/L	<1.4	5.0	10/25/23 10:33	
Chloroform	ug/L	<0.50	5.0	10/25/23 10:33	
Chloromethane	ug/L	<1.6	5.0	10/25/23 10:33	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/25/23 10:33	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	10/25/23 10:33	
Dibromochloromethane	ug/L	<2.6	5.0	10/25/23 10:33	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

METHOD BLANK: 2632242

Matrix: Water

Associated Lab Samples: 40269928001, 40269928002, 40269928003, 40269928004, 40269928005, 40269928006, 40269928007, 40269928008, 40269928009, 40269928010, 40269928011, 40269928012, 40269928013, 40269928014, 40269928015, 40269928016, 40269928017, 40269928018, 40269928019, 40269928020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	10/25/23 10:33	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/25/23 10:33	
Diisopropyl ether	ug/L	<1.1	5.0	10/25/23 10:33	
Ethylbenzene	ug/L	<0.33	1.0	10/25/23 10:33	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/25/23 10:33	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/25/23 10:33	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/25/23 10:33	
Methylene Chloride	ug/L	<0.32	5.0	10/25/23 10:33	
n-Butylbenzene	ug/L	<0.86	1.0	10/25/23 10:33	
n-Propylbenzene	ug/L	<0.35	1.0	10/25/23 10:33	
Naphthalene	ug/L	<1.9	5.0	10/25/23 10:33	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/25/23 10:33	
sec-Butylbenzene	ug/L	<0.42	1.0	10/25/23 10:33	
Styrene	ug/L	<0.36	1.0	10/25/23 10:33	
tert-Butylbenzene	ug/L	<0.59	1.0	10/25/23 10:33	
Tetrachloroethene	ug/L	<0.41	1.0	10/25/23 10:33	
Toluene	ug/L	<0.29	1.0	10/25/23 10:33	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/25/23 10:33	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	10/25/23 10:33	
Trichloroethene	ug/L	<0.32	1.0	10/25/23 10:33	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/25/23 10:33	
Vinyl chloride	ug/L	<0.17	1.0	10/25/23 10:33	
Xylene (Total)	ug/L	<1.0	3.0	10/25/23 10:33	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	10/25/23 10:33	
4-Bromofluorobenzene (S)	%	91	70-130	10/25/23 10:33	
Toluene-d8 (S)	%	93	70-130	10/25/23 10:33	

LABORATORY CONTROL SAMPLE: 2632243

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.8	110	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	43.4	87	70-130	
1,1,2-Trichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	66.2	132	73-140	
1,2,4-Trichlorobenzene	ug/L	50	49.3	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	37.4	75	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	51.2	102	70-130	
1,2-Dichloroethane	ug/L	50	53.2	106	70-130	
1,2-Dichloropropane	ug/L	50	53.8	108	77-127	
1,3-Dichlorobenzene	ug/L	50	49.6	99	70-130	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

LABORATORY CONTROL SAMPLE: 2632243

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.4	101	70-130	
Benzene	ug/L	50	54.1	108	70-130	
Bromodichloromethane	ug/L	50	50.8	102	70-130	
Bromoform	ug/L	50	54.9	110	70-130	
Bromomethane	ug/L	50	55.1	110	22-141	
Carbon tetrachloride	ug/L	50	56.2	112	70-135	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	55.3	111	59-141	
Chloroform	ug/L	50	52.5	105	80-124	
Chloromethane	ug/L	50	53.7	107	29-150	
cis-1,2-Dichloroethene	ug/L	50	51.6	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.5	101	70-130	
Dibromochloromethane	ug/L	50	48.6	97	70-130	
Dichlorodifluoromethane	ug/L	50	48.2	96	10-147	
Ethylbenzene	ug/L	50	51.7	103	80-125	
Isopropylbenzene (Cumene)	ug/L	50	53.6	107	70-130	
Methyl-tert-butyl ether	ug/L	50	48.5	97	64-131	
Methylene Chloride	ug/L	50	52.6	105	70-137	
Styrene	ug/L	50	58.5	117	70-130	
Tetrachloroethene	ug/L	50	58.5	117	70-130	
Toluene	ug/L	50	49.3	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	70-131	
trans-1,3-Dichloropropene	ug/L	50	48.7	97	70-130	
Trichloroethene	ug/L	50	53.9	108	70-130	
Trichlorofluoromethane	ug/L	50	64.7	129	69-141	
Vinyl chloride	ug/L	50	50.0	100	51-145	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			91	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2633439 2633440

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928005 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	53.3	52.6	107	105	70-132	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	43.2	43.2	86	86	70-131	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	46.6	47.3	93	95	70-130	2	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	51.2	51.1	102	102	70-131	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	64.7	65.1	129	130	69-146	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	46.6	47.7	93	95	70-130	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	36.5	38.2	73	76	56-130	5	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	45.6	45.0	91	90	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.3	52.0	101	104	70-130	3	20		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2633439 2633440												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40269928005 Result	Spike Conc.	Spike Conc.	MS Result							
1,2-Dichloroethane	ug/L	<0.29	50	50	53.7	52.0	107	104	70-130	3	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	55.1	53.1	110	106	77-129	4	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	47.3	48.1	95	96	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.5	50.3	99	101	70-130	2	20	
Benzene	ug/L	<0.30	50	50	52.7	51.5	105	103	70-130	2	20	
Bromodichloromethane	ug/L	<0.42	50	50	51.8	48.8	104	98	70-130	6	20	
Bromoform	ug/L	<0.43	50	50	54.7	52.7	109	105	70-130	4	20	
Bromomethane	ug/L	<1.2	50	50	61.7	60.8	123	122	12-159	2	26	
Carbon tetrachloride	ug/L	<0.37	50	50	55.5	54.4	111	109	70-135	2	20	
Chlorobenzene	ug/L	<0.86	50	50	51.3	49.3	103	99	70-130	4	20	
Chloroethane	ug/L	<1.4	50	50	59.4	56.7	119	113	56-143	5	20	
Chloroform	ug/L	<0.50	50	50	52.1	50.6	104	101	80-126	3	20	
Chloromethane	ug/L	<1.6	50	50	59.8	59.1	120	118	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	49.9	49.7	100	99	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	48.9	48.1	98	96	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	47.7	47.5	95	95	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	54.3	53.2	109	106	10-147	2	20	
Ethylbenzene	ug/L	<0.33	50	50	50.6	48.7	101	97	80-126	4	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.4	50.2	105	100	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	49.1	48.8	98	98	64-136	1	20	
Methylene Chloride	ug/L	<0.32	50	50	53.7	52.5	107	105	70-137	2	20	
Styrene	ug/L	<0.36	50	50	57.4	55.3	115	111	70-133	4	20	
Tetrachloroethene	ug/L	<0.41	50	50	55.8	55.1	112	110	70-131	1	20	
Toluene	ug/L	<0.29	50	50	48.7	47.3	97	95	80-121	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.3	50.5	107	101	70-135	5	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	46.7	46.3	93	93	70-130	1	20	
Trichloroethene	ug/L	<0.32	50	50	51.7	50.7	103	101	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	64.1	63.1	128	126	67-142	2	20	
Vinyl chloride	ug/L	<0.17	50	50	52.6	50.5	105	101	45-147	4	20	
Xylene (Total)	ug/L	<1.0	150	150	165	158	110	105	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						99	100	70-130			
4-Bromofluorobenzene (S)	%						92	93	70-130			
Toluene-d8 (S)	%						95	94	70-130			

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QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch: 458252 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269928021, 40269928022, 40269928023, 40269928024, 40269928025, 40269928026, 40269928027, 40269928028, 40269928029, 40269928030, 40269928031, 40269928032, 40269928033, 40269928034, 40269928035, 40269928036, 40269928037, 40269928038, 40269928039, 40269928040

METHOD BLANK: 2632254 Matrix: Water
Associated Lab Samples: 40269928021, 40269928022, 40269928023, 40269928024, 40269928025, 40269928026, 40269928027, 40269928028, 40269928029, 40269928030, 40269928031, 40269928032, 40269928033, 40269928034, 40269928035, 40269928036, 40269928037, 40269928038, 40269928039, 40269928040

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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## QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

METHOD BLANK: 2632254

Matrix: Water

Associated Lab Samples: 40269928021, 40269928022, 40269928023, 40269928024, 40269928025, 40269928026, 40269928027, 40269928028, 40269928029, 40269928030, 40269928031, 40269928032, 40269928033, 40269928034, 40269928035, 40269928036, 40269928037, 40269928038, 40269928039, 40269928040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	10/26/23 08:30	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/26/23 08:30	
Diisopropyl ether	ug/L	<1.1	5.0	10/26/23 08:30	
Ethylbenzene	ug/L	<0.33	1.0	10/26/23 08:30	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/26/23 08:30	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/26/23 08:30	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/26/23 08:30	
Methylene Chloride	ug/L	<0.32	5.0	10/26/23 08:30	
n-Butylbenzene	ug/L	<0.86	1.0	10/26/23 08:30	
n-Propylbenzene	ug/L	<0.35	1.0	10/26/23 08:30	
Naphthalene	ug/L	<1.9	5.0	10/26/23 08:30	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/26/23 08:30	
sec-Butylbenzene	ug/L	<0.42	1.0	10/26/23 08:30	
Styrene	ug/L	<0.36	1.0	10/26/23 08:30	
tert-Butylbenzene	ug/L	<0.59	1.0	10/26/23 08:30	
Tetrachloroethene	ug/L	<0.41	1.0	10/26/23 08:30	
Toluene	ug/L	<0.29	1.0	10/26/23 08:30	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/26/23 08:30	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	10/26/23 08:30	
Trichloroethene	ug/L	<0.32	1.0	10/26/23 08:30	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/26/23 08:30	
Vinyl chloride	ug/L	<0.17	1.0	10/26/23 08:30	
Xylene (Total)	ug/L	<1.0	3.0	10/26/23 08:30	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	10/26/23 08:30	
4-Bromofluorobenzene (S)	%	93	70-130	10/26/23 08:30	
Toluene-d8 (S)	%	94	70-130	10/26/23 08:30	

LABORATORY CONTROL SAMPLE: 2632255

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.2	94	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	46.2	92	70-130	
1,1,2-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethene	ug/L	50	55.4	111	73-140	
1,2,4-Trichlorobenzene	ug/L	50	41.9	84	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	34.6	69	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	46.6	93	70-130	
1,2-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,2-Dichloroethane	ug/L	50	45.6	91	70-130	
1,2-Dichloropropane	ug/L	50	53.0	106	77-127	
1,3-Dichlorobenzene	ug/L	50	47.5	95	70-130	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

LABORATORY CONTROL SAMPLE: 2632255

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	47.1	94	70-130	
Benzene	ug/L	50	53.4	107	70-130	
Bromodichloromethane	ug/L	50	48.6	97	70-130	
Bromoform	ug/L	50	43.0	86	70-130	
Bromomethane	ug/L	50	35.8	72	22-141	
Carbon tetrachloride	ug/L	50	50.7	101	70-135	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	48.8	98	59-141	
Chloroform	ug/L	50	49.8	100	80-124	
Chloromethane	ug/L	50	45.3	91	29-150	
cis-1,2-Dichloroethene	ug/L	50	53.1	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.1	90	70-130	
Dibromochloromethane	ug/L	50	43.7	87	70-130	
Dichlorodifluoromethane	ug/L	50	43.5	87	10-147	
Ethylbenzene	ug/L	50	47.5	95	80-125	
Isopropylbenzene (Cumene)	ug/L	50	46.1	92	70-130	
Methyl-tert-butyl ether	ug/L	50	43.4	87	64-131	
Methylene Chloride	ug/L	50	55.2	110	70-137	
Styrene	ug/L	50	56.0	112	70-130	
Tetrachloroethene	ug/L	50	52.5	105	70-130	
Toluene	ug/L	50	49.4	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	56.1	112	70-131	
trans-1,3-Dichloropropene	ug/L	50	38.5	77	70-130	
Trichloroethene	ug/L	50	53.6	107	70-130	
Trichlorofluoromethane	ug/L	50	51.5	103	69-141	
Vinyl chloride	ug/L	50	46.9	94	51-145	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634091 2634092

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928023	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	49.6	49.0	99	98	70-132	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	48.1	50.1	96	100	70-131	4	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.2	52.9	100	106	70-130	5	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.6	51.9	105	104	70-131	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	57.4	56.9	115	114	69-146	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	46.3	49.8	93	100	70-130	7	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	35.8	38.0	72	76	56-130	6	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.5	50.4	95	101	70-130	6	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.0	51.9	100	104	70-130	4	20		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634091		2634092		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloroethane	ug/L	<0.29	50	50	48.1	48.8	96	98	70-130	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	54.9	55.2	110	110	77-129	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	49.3	50.8	99	102	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.2	51.9	98	104	70-130	5	20		
Benzene	ug/L	<0.30	50	50	55.2	55.0	110	110	70-130	0	20		
Bromodichloromethane	ug/L	<0.42	50	50	51.3	52.2	103	104	70-130	2	20		
Bromoform	ug/L	<0.43	50	50	45.1	47.0	90	94	70-130	4	20		
Bromomethane	ug/L	<1.2	50	50	45.2	46.4	90	93	12-159	3	26		
Carbon tetrachloride	ug/L	<0.37	50	50	53.5	52.6	107	105	70-135	2	20		
Chlorobenzene	ug/L	<0.86	50	50	52.3	53.6	105	107	70-130	3	20		
Chloroethane	ug/L	<1.4	50	50	49.6	49.3	99	99	56-143	0	20		
Chloroform	ug/L	<0.50	50	50	52.7	52.4	105	105	80-126	1	20		
Chloromethane	ug/L	<1.6	50	50	44.1	44.1	88	88	22-156	0	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	55.5	55.9	111	112	70-130	1	20		
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	47.8	49.4	96	99	70-130	3	20		
Dibromochloromethane	ug/L	<2.6	50	50	45.4	48.0	91	96	70-130	6	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	40.5	39.5	81	79	10-147	2	20		
Ethylbenzene	ug/L	<0.33	50	50	48.2	49.9	96	100	80-126	3	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	46.5	48.8	93	98	70-130	5	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	46.0	46.6	92	93	64-136	1	20		
Methylene Chloride	ug/L	<0.32	50	50	57.0	58.2	114	116	70-137	2	20		
Styrene	ug/L	<0.36	50	50	57.2	60.6	114	121	70-133	6	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.2	55.0	106	110	70-131	3	20		
Toluene	ug/L	<0.29	50	50	50.3	51.3	101	103	80-121	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	58.7	57.8	117	116	70-135	2	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	40.0	42.8	80	86	70-130	7	20		
Trichloroethene	ug/L	<0.32	50	50	55.1	54.9	110	110	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	52.8	52.2	106	104	67-142	1	20		
Vinyl chloride	ug/L	<0.17	50	50	47.3	46.8	95	94	45-147	1	20		
Xylene (Total)	ug/L	<1.0	150	150	147	153	98	102	70-130	4	20		
1,2-Dichlorobenzene-d4 (S)	%						101	100	70-130				
4-Bromofluorobenzene (S)	%						92	91	70-130				
Toluene-d8 (S)	%						94	94	70-130				

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QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch: 458274

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40269928041, 40269928042, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928057, 40269928058, 40269928059, 40269928060

METHOD BLANK: 2632308

Matrix: Water

Associated Lab Samples: 40269928041, 40269928042, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928057, 40269928058, 40269928059, 40269928060

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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## QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

METHOD BLANK: 2632308

Matrix: Water

Associated Lab Samples: 40269928041, 40269928042, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928057, 40269928058, 40269928059, 40269928060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	10/27/23 08:19	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/27/23 08:19	
Diisopropyl ether	ug/L	<1.1	5.0	10/27/23 08:19	
Ethylbenzene	ug/L	<0.33	1.0	10/27/23 08:19	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/27/23 08:19	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/27/23 08:19	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/27/23 08:19	
Methylene Chloride	ug/L	<0.32	5.0	10/27/23 08:19	
n-Butylbenzene	ug/L	<0.86	1.0	10/27/23 08:19	
n-Propylbenzene	ug/L	<0.35	1.0	10/27/23 08:19	
Naphthalene	ug/L	<1.9	5.0	10/27/23 08:19	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/27/23 08:19	
sec-Butylbenzene	ug/L	<0.42	1.0	10/27/23 08:19	
Styrene	ug/L	<0.36	1.0	10/27/23 08:19	
tert-Butylbenzene	ug/L	<0.59	1.0	10/27/23 08:19	
Tetrachloroethene	ug/L	<0.41	1.0	10/27/23 08:19	
Toluene	ug/L	<0.29	1.0	10/27/23 08:19	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/27/23 08:19	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	10/27/23 08:19	
Trichloroethene	ug/L	<0.32	1.0	10/27/23 08:19	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/27/23 08:19	
Vinyl chloride	ug/L	<0.17	1.0	10/27/23 08:19	
Xylene (Total)	ug/L	<1.0	3.0	10/27/23 08:19	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	10/27/23 08:19	
4-Bromofluorobenzene (S)	%	90	70-130	10/27/23 08:19	
Toluene-d8 (S)	%	99	70-130	10/27/23 08:19	

LABORATORY CONTROL SAMPLE: 2632309

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	43.0	86	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,2-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1-Dichloroethane	ug/L	50	45.4	91	70-130	
1,1-Dichloroethene	ug/L	50	48.4	97	73-140	
1,2,4-Trichlorobenzene	ug/L	50	43.3	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	36.7	73	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.4	95	70-130	
1,2-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dichloroethane	ug/L	50	42.0	84	70-130	
1,2-Dichloropropane	ug/L	50	47.9	96	77-127	
1,3-Dichlorobenzene	ug/L	50	48.4	97	70-130	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

LABORATORY CONTROL SAMPLE: 2632309

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	47.2	94	70-130	
Bromodichloromethane	ug/L	50	45.3	91	70-130	
Bromoform	ug/L	50	45.5	91	70-130	
Bromomethane	ug/L	50	28.2	56	22-141	
Carbon tetrachloride	ug/L	50	47.0	94	70-135	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	39.5	79	59-141	
Chloroform	ug/L	50	45.9	92	80-124	
Chloromethane	ug/L	50	29.7	59	29-150	
cis-1,2-Dichloroethene	ug/L	50	47.3	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	40.5	81	70-130	
Dibromochloromethane	ug/L	50	45.8	92	70-130	
Dichlorodifluoromethane	ug/L	50	21.2	42	10-147	
Ethylbenzene	ug/L	50	47.4	95	80-125	
Isopropylbenzene (Cumene)	ug/L	50	45.7	91	70-130	
Methyl-tert-butyl ether	ug/L	50	37.7	75	64-131	
Methylene Chloride	ug/L	50	48.5	97	70-137	
Styrene	ug/L	50	56.9	114	70-130	
Tetrachloroethene	ug/L	50	52.9	106	70-130	
Toluene	ug/L	50	49.2	98	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.0	102	70-131	
trans-1,3-Dichloropropene	ug/L	50	39.4	79	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	43.7	87	69-141	
Vinyl chloride	ug/L	50	34.7	69	51-145	
Xylene (Total)	ug/L	150	146	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			92	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634996 2634997

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269928042	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	44.1	44.8	88	90	70-132	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	51.1	52.0	102	104	70-131	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.7	52.5	103	105	70-130	2	20		
1,1-Dichloroethane	ug/L	0.37J	50	50	46.9	46.5	93	92	70-131	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	49.2	49.3	98	99	69-146	0	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.9	49.7	96	99	70-130	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	39.0	39.2	78	78	56-130	0	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.9	50.4	98	101	70-130	3	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	52.9	53.2	106	106	70-130	0	20		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634996 2634997												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40269928042 Result	Spike Conc.	Spike Conc.	MS Result							
1,2-Dichloroethane	ug/L	<0.29	50	50	42.9	43.5	86	87	70-130	1	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	48.8	49.5	98	99	77-129	1	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.0	51.2	104	102	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.3	52.7	105	105	70-130	1	20	
Benzene	ug/L	<0.30	50	50	48.2	48.8	96	98	70-130	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	46.2	46.8	92	94	70-130	1	20	
Bromoform	ug/L	<0.43	50	50	47.1	48.9	94	98	70-130	4	20	
Bromomethane	ug/L	<1.2	50	50	33.1	33.8	66	68	12-159	2	26	
Carbon tetrachloride	ug/L	<0.37	50	50	47.9	48.8	96	98	70-135	2	20	
Chlorobenzene	ug/L	<0.86	50	50	53.3	54.4	107	109	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	40.4	40.7	81	81	56-143	1	20	
Chloroform	ug/L	<0.50	50	50	47.4	47.1	95	94	80-126	1	20	
Chloromethane	ug/L	<1.6	50	50	29.8	30.5	60	61	22-156	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.8	49.0	98	98	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	42.3	42.7	85	85	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	47.3	48.1	95	96	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	21.1	21.4	42	43	10-147	1	20	
Ethylbenzene	ug/L	<0.33	50	50	49.1	49.7	98	99	80-126	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	47.6	48.9	95	98	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	39.2	39.4	78	79	64-136	1	20	
Methylene Chloride	ug/L	<0.32	50	50	50.2	50.6	100	101	70-137	1	20	
Styrene	ug/L	<0.36	50	50	58.9	60.2	118	120	70-133	2	20	
Tetrachloroethene	ug/L	<0.41	50	50	54.9	55.6	110	111	70-131	1	20	
Toluene	ug/L	<0.29	50	50	50.7	51.5	101	103	80-121	2	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.4	52.2	105	104	70-135	0	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	40.8	42.3	82	85	70-130	4	20	
Trichloroethene	ug/L	<0.32	50	50	48.7	49.5	97	99	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	44.5	44.9	89	90	67-142	1	20	
Vinyl chloride	ug/L	<0.17	50	50	35.0	35.8	70	72	45-147	2	20	
Xylene (Total)	ug/L	<1.0	150	150	150	154	100	102	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						101	100	70-130			
4-Bromofluorobenzene (S)	%						92	92	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch: 458275

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40269928061, 40269928062, 40269928063, 40269928064, 40269928065, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073, 40269928074

METHOD BLANK: 2632310

Matrix: Water

Associated Lab Samples: 40269928061, 40269928062, 40269928063, 40269928064, 40269928065, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073, 40269928074

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

METHOD BLANK: 2632310

Matrix: Water

Associated Lab Samples: 40269928061, 40269928062, 40269928063, 40269928064, 40269928065, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073, 40269928074

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	10/26/23 16:25	
Ethylbenzene	ug/L	<0.33	1.0	10/26/23 16:25	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/26/23 16:25	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/26/23 16:25	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/26/23 16:25	
Methylene Chloride	ug/L	<0.32	5.0	10/26/23 16:25	
n-Butylbenzene	ug/L	<0.86	1.0	10/26/23 16:25	
n-Propylbenzene	ug/L	<0.35	1.0	10/26/23 16:25	
Naphthalene	ug/L	<1.9	5.0	10/26/23 16:25	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/26/23 16:25	
sec-Butylbenzene	ug/L	<0.42	1.0	10/26/23 16:25	
Styrene	ug/L	<0.36	1.0	10/26/23 16:25	
tert-Butylbenzene	ug/L	<0.59	1.0	10/26/23 16:25	
Tetrachloroethene	ug/L	<0.41	1.0	10/26/23 16:25	
Toluene	ug/L	<0.29	1.0	10/26/23 16:25	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/26/23 16:25	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	10/26/23 16:25	
Trichloroethene	ug/L	<0.32	1.0	10/26/23 16:25	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/26/23 16:25	
Vinyl chloride	ug/L	<0.17	1.0	10/26/23 16:25	
Xylene (Total)	ug/L	<1.0	3.0	10/26/23 16:25	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	10/26/23 16:25	
4-Bromofluorobenzene (S)	%	90	70-130	10/26/23 16:25	
Toluene-d8 (S)	%	91	70-130	10/26/23 16:25	

LABORATORY CONTROL SAMPLE: 2632311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.0	98	70-132	
1,1,1,2-Tetrachloroethane	ug/L	50	46.9	94	70-130	
1,1,2-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethane	ug/L	50	51.6	103	70-130	
1,1-Dichloroethene	ug/L	50	55.7	111	73-140	
1,2,4-Trichlorobenzene	ug/L	50	41.4	83	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	34.6	69	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.6	95	70-130	
1,2-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,2-Dichloroethane	ug/L	50	47.2	94	70-130	
1,2-Dichloropropane	ug/L	50	54.3	109	77-127	
1,3-Dichlorobenzene	ug/L	50	46.8	94	70-130	
1,4-Dichlorobenzene	ug/L	50	47.4	95	70-130	
Benzene	ug/L	50	54.1	108	70-130	
Bromodichloromethane	ug/L	50	50.6	101	70-130	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

LABORATORY CONTROL SAMPLE: 2632311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	43.8	88	70-130	
Bromomethane	ug/L	50	31.4	63	22-141	
Carbon tetrachloride	ug/L	50	52.7	105	70-135	
Chlorobenzene	ug/L	50	51.2	102	70-130	
Chloroethane	ug/L	50	48.0	96	59-141	
Chloroform	ug/L	50	51.8	104	80-124	
Chloromethane	ug/L	50	40.0	80	29-150	
cis-1,2-Dichloroethene	ug/L	50	53.8	108	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Dibromochloromethane	ug/L	50	45.0	90	70-130	
Dichlorodifluoromethane	ug/L	50	34.4	69	10-147	
Ethylbenzene	ug/L	50	47.7	95	80-125	
Isopropylbenzene (Cumene)	ug/L	50	46.5	93	70-130	
Methyl-tert-butyl ether	ug/L	50	44.0	88	64-131	
Methylene Chloride	ug/L	50	56.5	113	70-137	
Styrene	ug/L	50	57.5	115	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	49.3	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	57.3	115	70-131	
trans-1,3-Dichloropropene	ug/L	50	39.6	79	70-130	
Trichloroethene	ug/L	50	54.5	109	70-130	
Trichlorofluoromethane	ug/L	50	51.9	104	69-141	
Vinyl chloride	ug/L	50	43.6	87	51-145	
Xylene (Total)	ug/L	150	146	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			91	70-130	
Toluene-d8 (S)	%			92	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634831 2634832

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269764017 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.5	50.4	101	101	70-132	0	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.4	47.4	95	95	70-131	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.6	50.7	101	101	70-130	0	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	51.8	52.6	104	105	70-131	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	57.1	57.3	114	115	69-146	0	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.8	45.4	90	91	70-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	34.5	35.0	69	70	56-130	1	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.4	49.2	97	98	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.1	49.2	100	98	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	48.8	48.8	98	98	70-130	0	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	55.4	54.4	111	109	77-129	2	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	48.8	47.8	98	96	70-130	2	20		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634831		2634832		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40269764017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.2	48.4	98	97	70-130	2	20		
Benzene	ug/L	<0.30	50	50	55.7	55.1	111	110	70-130	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	52.7	52.4	105	105	70-130	1	20		
Bromoform	ug/L	<0.43	50	50	44.7	45.1	89	90	70-130	1	20		
Bromomethane	ug/L	<1.2	50	50	40.8	42.4	82	85	12-159	4	26		
Carbon tetrachloride	ug/L	<0.37	50	50	54.6	54.5	109	109	70-135	0	20		
Chlorobenzene	ug/L	<0.86	50	50	52.2	51.8	104	104	70-130	1	20		
Chloroethane	ug/L	<1.4	50	50	48.8	48.1	98	96	56-143	2	20		
Chloroform	ug/L	<0.50	50	50	53.2	53.0	106	106	80-126	0	20		
Chloromethane	ug/L	<1.6	50	50	40.1	39.6	80	79	22-156	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	56.2	55.2	112	110	70-130	2	20		
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	48.6	48.5	97	97	70-130	0	20		
Dibromochloromethane	ug/L	<2.6	50	50	45.9	45.6	92	91	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	35.0	34.0	70	68	10-147	3	20		
Ethylbenzene	ug/L	<0.33	50	50	49.0	48.8	98	98	80-126	0	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	47.5	47.5	95	95	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	45.3	45.2	91	90	64-136	0	20		
Methylene Chloride	ug/L	<0.32	50	50	58.3	57.0	117	114	70-137	2	20		
Styrene	ug/L	<0.36	50	50	58.8	58.2	118	116	70-133	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.5	54.0	107	108	70-131	1	20		
Toluene	ug/L	<0.29	50	50	50.7	50.1	101	100	80-121	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	59.1	58.7	118	117	70-135	1	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	40.5	41.2	81	82	70-130	2	20		
Trichloroethene	ug/L	<0.32	50	50	55.1	54.8	110	110	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	52.4	52.6	105	105	67-142	0	20		
Vinyl chloride	ug/L	<0.17	50	50	44.8	44.5	90	89	45-147	1	20		
Xylene (Total)	ug/L	<1.0	150	150	151	149	101	99	70-130	2	20		
1,2-Dichlorobenzene-d4 (S)	%						100	101	70-130				
4-Bromofluorobenzene (S)	%						90	91	70-130				
Toluene-d8 (S)	%						93	93	70-130				

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### QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458262	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:	40269928002, 40269928011, 40269928012		

METHOD BLANK: 2632287 Matrix: Water  
 Associated Lab Samples: 40269928002, 40269928011, 40269928012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	10/23/23 11:56	

LABORATORY CONTROL SAMPLE: 2632288

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: 2632289 2632290

Parameter	Units	2632289		2632290		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40269725007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Sulfide	mg/L	4.0 U	48.8	48.8	41.6	42.0	84	85	80-120	1	10

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### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458415	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:	40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052		

METHOD BLANK:	2632690	Matrix:	Water
Associated Lab Samples:	40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	10/24/23 10:49	

LABORATORY CONTROL SAMPLE:	2632691					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	48	43.6	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2632692			2632693								
Parameter	Units	40269928021 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	48	30.8	30.4	64	63	80-120	1	10	M0

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458550	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:	40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

METHOD BLANK:	2633300	Matrix:	Water
Associated Lab Samples:	40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	10/25/23 11:19	

LABORATORY CONTROL SAMPLE:	2633301					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	48.4	46.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2633302			2633303								
Parameter	Units	40269856006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	4.0 U	48.4	48.4	45.2	44.8	91	90	80-120	1	10	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458783	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: 40269928002, 40269928011, 40269928012, 40269928021, 40269928022

METHOD BLANK: 2634922 Matrix: Water  
 Associated Lab Samples: 40269928002, 40269928011, 40269928012, 40269928021, 40269928022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	10/30/23 11:14	
Sulfate	mg/L	<0.44	2.0	10/30/23 11:14	

LABORATORY CONTROL SAMPLE: 2634923

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.4	92	90-110	
Sulfate	mg/L	20	18.3	91	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634924 2634925

Parameter	Units	40269668003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.8	20	20	22.0	22.2	96	97	90-110	1	15	
Sulfate	mg/L	0.92J	20	20	21.9	22.2	105	106	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634926 2634927

Parameter	Units	40269928022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	30.7	100	100	125	125	95	94	90-110	1	15	
Sulfate	mg/L	10.4	100	100	107	107	97	96	90-110	0	15	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458784	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:	40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054		

METHOD BLANK:	2634928	Matrix:	Water
Associated Lab Samples:	40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	10/30/23 11:08	
Sulfate	mg/L	<0.44	2.0	10/30/23 11:08	

LABORATORY CONTROL SAMPLE:	2634929					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.2	96	90-110	
Sulfate	mg/L	20	19.0	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2634930											
			MS	MSD								
		40269928025	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	43.8	200	200	248	244	102	100	90-110	1	15	
Sulfate	mg/L	<4.4	200	200	205	204	102	101	90-110	1	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2634932											
			MS	MSD								
		40269928054	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	99.3	200	200	320	345	110	123	90-110	7	15	M0
Sulfate	mg/L	<4.4	200	200	218	234	108	116	90-110	7	15	M0

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458785	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:	40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

METHOD BLANK:	2634934	Matrix:	Water
Associated Lab Samples:	40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	10/30/23 12:02	
Sulfate	mg/L	<0.44	2.0	10/30/23 12:02	

LABORATORY CONTROL SAMPLE: 2634935						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.6	93	90-110	
Sulfate	mg/L	20	19.1	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634936												2634937	
Parameter	Units	40269928055		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
Chloride	mg/L	32.6	200	200	217	222	92	95	90-110	2	15		
Sulfate	mg/L	223	200	200	397	401	87	89	90-110	1	15	M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634938												2634939	
Parameter	Units	40269716001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
Chloride	mg/L	48.5	100	100	151	149	102	101	90-110	1	15		
Sulfate	mg/L	38.0	100	100	137	136	99	98	90-110	1	15		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458516	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:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044		

METHOD BLANK:	2633173	Matrix:	Water
Associated Lab Samples:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/25/23 11:28	

LABORATORY CONTROL SAMPLE:	2633174					
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:	2633175			2633176								
Parameter	Units	40269857001 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	165	100	100	272	270	106	105	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2633177			2633178								
Parameter	Units	40269928044 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	102	200	200	336	329	117	113	90-110	2	20 M0	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458518	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:	40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054		

METHOD BLANK:	2633183	Matrix:	Water
Associated Lab Samples:	40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/25/23 12:00	

LABORATORY CONTROL SAMPLE: 2633184						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	93.2	93	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2633185												2633186	
Parameter	Units	40269928045 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	491	200	200	674	664	92	87	90-110	1	20	M0	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458935	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:	40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

METHOD BLANK:	2636185	Matrix:	Water
Associated Lab Samples:	40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/31/23 10:22	

LABORATORY CONTROL SAMPLE: 2636186						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	99.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636187												2636188	
Parameter	Units	40269928055 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	316	200	200	510	509	97	96	90-110	0	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636189												2636190	
Parameter	Units	40269964013 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	592	200	200	778	776	93	92	90-110	0	20		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458856	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:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027		

METHOD BLANK:	2635912	Matrix:	Water
Associated Lab Samples:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	10/31/23 08:37	

LABORATORY CONTROL SAMPLE: 2635913						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	509	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2635914												2635915	
Parameter	Units	40269928002 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	40.9J	526	526	567	563	100	99	90-110	1	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2635916												2635917	
Parameter	Units	40269928011 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	246	526	526	740	750	94	96	90-110	1	10		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458991	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:	40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066		

METHOD BLANK:	2636344	Matrix:	Water
Associated Lab Samples:	40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048, 40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	10/31/23 08:44	

LABORATORY CONTROL SAMPLE:	2636345					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	511	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2636346			2636347								
Parameter	Units	40269928028 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	1950	5000	5000	6930	6840	100	98	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2636348			2636349								
Parameter	Units	40269928031 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	15.9J	526	526	529	535	97	99	90-110	1	10	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458992	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:	40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

METHOD BLANK:	2636350	Matrix:	Water
Associated Lab Samples:	40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	10/31/23 08:49	

LABORATORY CONTROL SAMPLE: 2636351						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	509	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636352												2636353	
Parameter	Units	40269928067 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	40.9J	526	526	558	570	98	100	90-110	2	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636354												2636355	
Parameter	Units	40269928068 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	86.5	526	526	627	611	103	100	90-110	3	10		

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458219	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048		

METHOD BLANK:	2632146	Matrix:	Water
Associated Lab Samples:	40269928002, 40269928011, 40269928012, 40269928021, 40269928022, 40269928025, 40269928026, 40269928027, 40269928028, 40269928031, 40269928035, 40269928036, 40269928037, 40269928043, 40269928044, 40269928045, 40269928046, 40269928047, 40269928048		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	10/25/23 12:56	

LABORATORY CONTROL SAMPLE:	2632147					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.2	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2632148			2632149								
Parameter	Units	40269928002 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	8.1	36	36	43.7	44.1	99	100	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2632150			2632151								
Parameter	Units	40269928011 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	65.3	180	180	248	248	101	102	80-120	0	10	

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**QUALITY CONTROL DATA**

Project: 60705270 KEP

Pace Project No.: 40269928

QC Batch:	458631	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

METHOD BLANK:	2633929	Matrix:	Water
Associated Lab Samples:	40269928049, 40269928050, 40269928051, 40269928052, 40269928053, 40269928054, 40269928055, 40269928056, 40269928066, 40269928067, 40269928068, 40269928069, 40269928070, 40269928071, 40269928072, 40269928073		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	10/30/23 07:41	

LABORATORY CONTROL SAMPLE:	2633930
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Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2633931		2633932
----------------------------------------	---------	--	---------

Parameter	Units	40269928049 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	67.9	180	180	253	250	103	101	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2633933		2633934
----------------------------------------	---------	--	---------

Parameter	Units	40269928050 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	277	180	180	456	454	99	98	80-120	0	10	

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## QUALIFIERS

Project: 60705270 KEP

Pace Project No.: 40269928

### 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.

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - 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

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.

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.

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928002	MW-2106	EPA 8015B Modified	458528		
40269928011	MW-2114	EPA 8015B Modified	458528		
40269928012	PZ-2114	EPA 8015B Modified	458528		
40269928021	MW-82	EPA 8015B Modified	458528		
40269928022	MW-82D	EPA 8015B Modified	458528		
40269928025	MW-2107	EPA 8015B Modified	458528		
40269928026	PZ-2107	EPA 8015B Modified	458528		
40269928027	MW-2113	EPA 8015B Modified	458528		
40269928028	PZ-2113	EPA 8015B Modified	458528		
40269928031	MW-65	EPA 8015B Modified	458528		
40269928035	MW-31	EPA 8015B Modified	458528		
40269928036	MW-2201	EPA 8015B Modified	458528		
40269928037	MW-2201D	EPA 8015B Modified	458528		
40269928043	MW-2301	EPA 8015B Modified	458528		
40269928044	PZ-2301	EPA 8015B Modified	458528		
40269928045	MW-2301D	EPA 8015B Modified	458528		
40269928046	PZ-2301D	EPA 8015B Modified	458528		
40269928047	MW-2303	EPA 8015B Modified	458528		
40269928048	PZ-2303	EPA 8015B Modified	458528		
40269928049	MW-2102	EPA 8015B Modified	458528		
40269928050	MW-2101	EPA 8015B Modified	458799		
40269928051	MW-2111	EPA 8015B Modified	458799		
40269928052	MW-2110	EPA 8015B Modified	458799		
40269928053	PZ-2110	EPA 8015B Modified	458799		
40269928054	PZ-2111	EPA 8015B Modified	458799		
40269928055	MW-2112	EPA 8015B Modified	458799		
40269928056	PZ-2112	EPA 8015B Modified	458799		
40269928066	MW-61	EPA 8015B Modified	458799		
40269928067	MW-61D	EPA 8015B Modified	458799		
40269928068	PZ-61	EPA 8015B Modified	458799		
40269928069	MW-2103	EPA 8015B Modified	458799		
40269928070	MW-2103D	EPA 8015B Modified	458799		
40269928071	PZ-2103	EPA 8015B Modified	458799		
40269928072	PZ-2103D	EPA 8015B Modified	458799		
40269928073	PZ-2101	EPA 8015B Modified	458799		
40269928002	MW-2106	EPA 3010A	458214	EPA 6020B	458336
40269928011	MW-2114	EPA 3010A	458211	EPA 6020B	458329
40269928012	PZ-2114	EPA 3010A	458211	EPA 6020B	458329
40269928021	MW-82	EPA 3010A	458211	EPA 6020B	458329
40269928022	MW-82D	EPA 3010A	458211	EPA 6020B	458329
40269928025	MW-2107	EPA 3010A	458211	EPA 6020B	458329
40269928026	PZ-2107	EPA 3010A	458211	EPA 6020B	458329
40269928027	MW-2113	EPA 3010A	458211	EPA 6020B	458329
40269928028	PZ-2113	EPA 3010A	458211	EPA 6020B	458329
40269928031	MW-65	EPA 3010A	458211	EPA 6020B	458329
40269928035	MW-31	EPA 3010A	458211	EPA 6020B	458329
40269928036	MW-2201	EPA 3010A	458211	EPA 6020B	458329

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928037	MW-2201D	EPA 3010A	458211	EPA 6020B	458329
40269928043	MW-2301	EPA 3010A	458211	EPA 6020B	458329
40269928044	PZ-2301	EPA 3010A	458211	EPA 6020B	458329
40269928045	MW-2301D	EPA 3010A	458211	EPA 6020B	458329
40269928046	PZ-2301D	EPA 3010A	458211	EPA 6020B	458329
40269928047	MW-2303	EPA 3010A	458211	EPA 6020B	458329
40269928048	PZ-2303	EPA 3010A	458211	EPA 6020B	458329
40269928049	MW-2102	EPA 3010A	458211	EPA 6020B	458329
40269928050	MW-2101	EPA 3010A	458211	EPA 6020B	458329
40269928051	MW-2111	EPA 3010A	458214	EPA 6020B	458336
40269928052	MW-2110	EPA 3010A	458214	EPA 6020B	458336
40269928053	PZ-2110	EPA 3010A	458214	EPA 6020B	458336
40269928054	PZ-2111	EPA 3010A	458214	EPA 6020B	458336
40269928055	MW-2112	EPA 3010A	458214	EPA 6020B	458336
40269928056	PZ-2112	EPA 3010A	458214	EPA 6020B	458336
40269928066	MW-61	EPA 3010A	458214	EPA 6020B	458336
40269928067	MW-61D	EPA 3010A	458214	EPA 6020B	458336
40269928068	PZ-61	EPA 3010A	458214	EPA 6020B	458336
40269928069	MW-2103	EPA 3010A	458214	EPA 6020B	458336
40269928070	MW-2103D	EPA 3010A	458214	EPA 6020B	458336
40269928071	PZ-2103	EPA 3010A	458214	EPA 6020B	458336
40269928072	PZ-2103D	EPA 3010A	458214	EPA 6020B	458336
40269928073	PZ-2101	EPA 3010A	458214	EPA 6020B	458336
40269928002	MW-2106	EPA 3010A	458218	EPA 6020B	458337
40269928011	MW-2114	EPA 3010A	458212	EPA 6020B	458331
40269928012	PZ-2114	EPA 3010A	458212	EPA 6020B	458331
40269928021	MW-82	EPA 3010A	458212	EPA 6020B	458331
40269928022	MW-82D	EPA 3010A	458212	EPA 6020B	458331
40269928025	MW-2107	EPA 3010A	458212	EPA 6020B	458331
40269928026	PZ-2107	EPA 3010A	458212	EPA 6020B	458331
40269928027	MW-2113	EPA 3010A	458212	EPA 6020B	458331
40269928028	PZ-2113	EPA 3010A	458212	EPA 6020B	458331
40269928031	MW-65	EPA 3010A	458212	EPA 6020B	458331
40269928035	MW-31	EPA 3010A	458212	EPA 6020B	458331
40269928036	MW-2201	EPA 3010A	458212	EPA 6020B	458331
40269928037	MW-2201D	EPA 3010A	458212	EPA 6020B	458331
40269928043	MW-2301	EPA 3010A	458212	EPA 6020B	458331
40269928044	PZ-2301	EPA 3010A	458212	EPA 6020B	458331
40269928045	MW-2301D	EPA 3010A	458212	EPA 6020B	458331
40269928046	PZ-2301D	EPA 3010A	458212	EPA 6020B	458331
40269928047	MW-2303	EPA 3010A	458212	EPA 6020B	458331
40269928048	PZ-2303	EPA 3010A	458212	EPA 6020B	458331
40269928049	MW-2102	EPA 3010A	458212	EPA 6020B	458331
40269928050	MW-2101	EPA 3010A	458212	EPA 6020B	458331
40269928051	MW-2111	EPA 3010A	458218	EPA 6020B	458337
40269928052	MW-2110	EPA 3010A	458218	EPA 6020B	458337
40269928053	PZ-2110	EPA 3010A	458218	EPA 6020B	458337

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928054	PZ-2111	EPA 3010A	458218	EPA 6020B	458337
40269928055	MW-2112	EPA 3010A	458218	EPA 6020B	458337
40269928056	PZ-2112	EPA 3010A	458218	EPA 6020B	458337
40269928066	MW-61	EPA 3010A	458218	EPA 6020B	458337
40269928067	MW-61D	EPA 3010A	458218	EPA 6020B	458337
40269928068	PZ-61	EPA 3010A	458218	EPA 6020B	458337
40269928069	MW-2103	EPA 3010A	458218	EPA 6020B	458337
40269928070	MW-2103D	EPA 3010A	458218	EPA 6020B	458337
40269928071	PZ-2103	EPA 3010A	458218	EPA 6020B	458337
40269928072	PZ-2103D	EPA 3010A	458218	EPA 6020B	458337
40269928073	PZ-2101	EPA 3010A	458218	EPA 6020B	458337
40269928001	TB-01	EPA 8260	458247		
40269928002	MW-2106	EPA 8260	458247		
40269928003	MW-2105	EPA 8260	458247		
40269928004	PZ-2105	EPA 8260	458247		
40269928005	MW-112	EPA 8260	458247		
40269928006	MW-117	EPA 8260	458247		
40269928007	PZ-117	EPA 8260	458247		
40269928008	PZ-117D	EPA 8260	458247		
40269928009	MW-111	EPA 8260	458247		
40269928010	MW-116	EPA 8260	458247		
40269928011	MW-2114	EPA 8260	458247		
40269928012	PZ-2114	EPA 8260	458247		
40269928013	MW-2104	EPA 8260	458247		
40269928014	PZ-116	EPA 8260	458247		
40269928015	PZ-116D	EPA 8260	458247		
40269928016	MW-110	EPA 8260	458247		
40269928017	MW-79	EPA 8260	458247		
40269928018	MW-80	EPA 8260	458247		
40269928019	MW-81	EPA 8260	458247		
40269928020	PZ-82	EPA 8260	458247		
40269928021	MW-82	EPA 8260	458252		
40269928022	MW-82D	EPA 8260	458252		
40269928023	MW-108	EPA 8260	458252		
40269928024	MW-44	EPA 8260	458252		
40269928025	MW-2107	EPA 8260	458252		
40269928026	PZ-2107	EPA 8260	458252		
40269928027	MW-2113	EPA 8260	458252		
40269928028	PZ-2113	EPA 8260	458252		
40269928029	MW-105	EPA 8260	458252		
40269928030	MW-107	EPA 8260	458252		
40269928031	MW-65	EPA 8260	458252		
40269928032	MW-2108	EPA 8260	458252		
40269928033	MW-2203	EPA 8260	458252		
40269928034	PZ-2203	EPA 8260	458252		
40269928035	MW-31	EPA 8260	458252		
40269928036	MW-2201	EPA 8260	458252		
40269928037	MW-2201D	EPA 8260	458252		

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928038	MW-2202	EPA 8260	458252		
40269928039	PZ-2202	EPA 8260	458252		
40269928040	MW-206	EPA 8260	458252		
40269928041	MW-2302	EPA 8260	458274		
40269928042	PZ-2302	EPA 8260	458274		
40269928043	MW-2301	EPA 8260	458274		
40269928044	PZ-2301	EPA 8260	458274		
40269928045	MW-2301D	EPA 8260	458274		
40269928046	PZ-2301D	EPA 8260	458274		
40269928047	MW-2303	EPA 8260	458274		
40269928048	PZ-2303	EPA 8260	458274		
40269928049	MW-2102	EPA 8260	458274		
40269928050	MW-2101	EPA 8260	458274		
40269928051	MW-2111	EPA 8260	458274		
40269928052	MW-2110	EPA 8260	458274		
40269928053	PZ-2110	EPA 8260	458274		
40269928054	PZ-2111	EPA 8260	458274		
40269928055	MW-2112	EPA 8260	458274		
40269928056	PZ-2112	EPA 8260	458274		
40269928057	MW-2109	EPA 8260	458274		
40269928058	PZ-2109	EPA 8260	458274		
40269928059	MW-115	EPA 8260	458274		
40269928060	MW-114	EPA 8260	458274		
40269928061	MW-113	EPA 8260	458275		
40269928062	PZ-118	EPA 8260	458275		
40269928063	MW-103	EPA 8260	458275		
40269928064	MW-102	EPA 8260	458275		
40269928065	MW-101	EPA 8260	458275		
40269928066	MW-61	EPA 8260	458275		
40269928067	MW-61D	EPA 8260	458275		
40269928068	PZ-61	EPA 8260	458275		
40269928069	MW-2103	EPA 8260	458275		
40269928070	MW-2103D	EPA 8260	458275		
40269928071	PZ-2103	EPA 8260	458275		
40269928072	PZ-2103D	EPA 8260	458275		
40269928073	PZ-2101	EPA 8260	458275		
40269928074	TB-02	EPA 8260	458275		
40269928002	MW-2106	SM 4500-S F (2000)	458262		
40269928011	MW-2114	SM 4500-S F (2000)	458262		
40269928012	PZ-2114	SM 4500-S F (2000)	458262		
40269928021	MW-82	SM 4500-S F (2000)	458415		
40269928022	MW-82D	SM 4500-S F (2000)	458415		
40269928025	MW-2107	SM 4500-S F (2000)	458415		
40269928026	PZ-2107	SM 4500-S F (2000)	458415		
40269928027	MW-2113	SM 4500-S F (2000)	458415		
40269928028	PZ-2113	SM 4500-S F (2000)	458415		
40269928031	MW-65	SM 4500-S F (2000)	458415		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928035	MW-31	SM 4500-S F (2000)	458415		
40269928036	MW-2201	SM 4500-S F (2000)	458415		
40269928037	MW-2201D	SM 4500-S F (2000)	458415		
40269928043	MW-2301	SM 4500-S F (2000)	458415		
40269928044	PZ-2301	SM 4500-S F (2000)	458415		
40269928045	MW-2301D	SM 4500-S F (2000)	458415		
40269928046	PZ-2301D	SM 4500-S F (2000)	458415		
40269928047	MW-2303	SM 4500-S F (2000)	458415		
40269928048	PZ-2303	SM 4500-S F (2000)	458415		
40269928049	MW-2102	SM 4500-S F (2000)	458415		
40269928050	MW-2101	SM 4500-S F (2000)	458415		
40269928051	MW-2111	SM 4500-S F (2000)	458415		
40269928052	MW-2110	SM 4500-S F (2000)	458415		
40269928053	PZ-2110	SM 4500-S F (2000)	458550		
40269928054	PZ-2111	SM 4500-S F (2000)	458550		
40269928055	MW-2112	SM 4500-S F (2000)	458550		
40269928056	PZ-2112	SM 4500-S F (2000)	458550		
40269928066	MW-61	SM 4500-S F (2000)	458550		
40269928067	MW-61D	SM 4500-S F (2000)	458550		
40269928068	PZ-61	SM 4500-S F (2000)	458550		
40269928069	MW-2103	SM 4500-S F (2000)	458550		
40269928070	MW-2103D	SM 4500-S F (2000)	458550		
40269928071	PZ-2103	SM 4500-S F (2000)	458550		
40269928072	PZ-2103D	SM 4500-S F (2000)	458550		
40269928073	PZ-2101	SM 4500-S F (2000)	458550		
40269928002	MW-2106	EPA 300.0	458783		
40269928011	MW-2114	EPA 300.0	458783		
40269928012	PZ-2114	EPA 300.0	458783		
40269928021	MW-82	EPA 300.0	458783		
40269928022	MW-82D	EPA 300.0	458783		
40269928025	MW-2107	EPA 300.0	458784		
40269928026	PZ-2107	EPA 300.0	458784		
40269928027	MW-2113	EPA 300.0	458784		
40269928028	PZ-2113	EPA 300.0	458784		
40269928031	MW-65	EPA 300.0	458784		
40269928035	MW-31	EPA 300.0	458784		
40269928036	MW-2201	EPA 300.0	458784		
40269928037	MW-2201D	EPA 300.0	458784		
40269928043	MW-2301	EPA 300.0	458784		
40269928044	PZ-2301	EPA 300.0	458784		
40269928045	MW-2301D	EPA 300.0	458784		
40269928046	PZ-2301D	EPA 300.0	458784		
40269928047	MW-2303	EPA 300.0	458784		
40269928048	PZ-2303	EPA 300.0	458784		
40269928049	MW-2102	EPA 300.0	458784		
40269928050	MW-2101	EPA 300.0	458784		
40269928051	MW-2111	EPA 300.0	458784		

REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928052	MW-2110	EPA 300.0	458784		
40269928053	PZ-2110	EPA 300.0	458784		
40269928054	PZ-2111	EPA 300.0	458784		
40269928055	MW-2112	EPA 300.0	458785		
40269928056	PZ-2112	EPA 300.0	458785		
40269928066	MW-61	EPA 300.0	458785		
40269928067	MW-61D	EPA 300.0	458785		
40269928068	PZ-61	EPA 300.0	458785		
40269928069	MW-2103	EPA 300.0	458785		
40269928070	MW-2103D	EPA 300.0	458785		
40269928071	PZ-2103	EPA 300.0	458785		
40269928072	PZ-2103D	EPA 300.0	458785		
40269928073	PZ-2101	EPA 300.0	458785		
40269928002	MW-2106	EPA 310.2	458516		
40269928011	MW-2114	EPA 310.2	458516		
40269928012	PZ-2114	EPA 310.2	458516		
40269928021	MW-82	EPA 310.2	458516		
40269928022	MW-82D	EPA 310.2	458516		
40269928025	MW-2107	EPA 310.2	458516		
40269928026	PZ-2107	EPA 310.2	458516		
40269928027	MW-2113	EPA 310.2	458516		
40269928028	PZ-2113	EPA 310.2	458516		
40269928031	MW-65	EPA 310.2	458516		
40269928035	MW-31	EPA 310.2	458516		
40269928036	MW-2201	EPA 310.2	458516		
40269928037	MW-2201D	EPA 310.2	458516		
40269928043	MW-2301	EPA 310.2	458516		
40269928044	PZ-2301	EPA 310.2	458516		
40269928045	MW-2301D	EPA 310.2	458518		
40269928046	PZ-2301D	EPA 310.2	458518		
40269928047	MW-2303	EPA 310.2	458518		
40269928048	PZ-2303	EPA 310.2	458518		
40269928049	MW-2102	EPA 310.2	458518		
40269928050	MW-2101	EPA 310.2	458518		
40269928051	MW-2111	EPA 310.2	458518		
40269928052	MW-2110	EPA 310.2	458518		
40269928053	PZ-2110	EPA 310.2	458518		
40269928054	PZ-2111	EPA 310.2	458518		
40269928055	MW-2112	EPA 310.2	458935		
40269928056	PZ-2112	EPA 310.2	458935		
40269928066	MW-61	EPA 310.2	458935		
40269928067	MW-61D	EPA 310.2	458935		
40269928068	PZ-61	EPA 310.2	458935		
40269928069	MW-2103	EPA 310.2	458935		
40269928070	MW-2103D	EPA 310.2	458935		
40269928071	PZ-2103	EPA 310.2	458935		
40269928072	PZ-2103D	EPA 310.2	458935		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928073	PZ-2101	EPA 310.2	458935		
40269928002	MW-2106	EPA 410.4	458856	EPA 410.4	459022
40269928011	MW-2114	EPA 410.4	458856	EPA 410.4	459022
40269928012	PZ-2114	EPA 410.4	458856	EPA 410.4	459022
40269928021	MW-82	EPA 410.4	458856	EPA 410.4	459022
40269928022	MW-82D	EPA 410.4	458856	EPA 410.4	459022
40269928025	MW-2107	EPA 410.4	458856	EPA 410.4	459022
40269928026	PZ-2107	EPA 410.4	458856	EPA 410.4	459022
40269928027	MW-2113	EPA 410.4	458856	EPA 410.4	459022
40269928028	PZ-2113	EPA 410.4	458991	EPA 410.4	459023
40269928031	MW-65	EPA 410.4	458991	EPA 410.4	459023
40269928035	MW-31	EPA 410.4	458991	EPA 410.4	459023
40269928036	MW-2201	EPA 410.4	458991	EPA 410.4	459023
40269928037	MW-2201D	EPA 410.4	458991	EPA 410.4	459023
40269928043	MW-2301	EPA 410.4	458991	EPA 410.4	459023
40269928044	PZ-2301	EPA 410.4	458991	EPA 410.4	459023
40269928045	MW-2301D	EPA 410.4	458991	EPA 410.4	459023
40269928046	PZ-2301D	EPA 410.4	458991	EPA 410.4	459023
40269928047	MW-2303	EPA 410.4	458991	EPA 410.4	459023
40269928048	PZ-2303	EPA 410.4	458991	EPA 410.4	459023
40269928049	MW-2102	EPA 410.4	458991	EPA 410.4	459023
40269928050	MW-2101	EPA 410.4	458991	EPA 410.4	459023
40269928051	MW-2111	EPA 410.4	458991	EPA 410.4	459023
40269928052	MW-2110	EPA 410.4	458991	EPA 410.4	459023
40269928053	PZ-2110	EPA 410.4	458991	EPA 410.4	459023
40269928054	PZ-2111	EPA 410.4	458991	EPA 410.4	459023
40269928055	MW-2112	EPA 410.4	458991	EPA 410.4	459023
40269928056	PZ-2112	EPA 410.4	458991	EPA 410.4	459023
40269928066	MW-61	EPA 410.4	458991	EPA 410.4	459023
40269928067	MW-61D	EPA 410.4	458992	EPA 410.4	459024
40269928068	PZ-61	EPA 410.4	458992	EPA 410.4	459024
40269928069	MW-2103	EPA 410.4	458992	EPA 410.4	459024
40269928070	MW-2103D	EPA 410.4	458992	EPA 410.4	459024
40269928071	PZ-2103	EPA 410.4	458992	EPA 410.4	459024
40269928072	PZ-2103D	EPA 410.4	458992	EPA 410.4	459024
40269928073	PZ-2101	EPA 410.4	458992	EPA 410.4	459024
40269928002	MW-2106	SM 5310C	458219		
40269928011	MW-2114	SM 5310C	458219		
40269928012	PZ-2114	SM 5310C	458219		
40269928021	MW-82	SM 5310C	458219		
40269928022	MW-82D	SM 5310C	458219		
40269928025	MW-2107	SM 5310C	458219		
40269928026	PZ-2107	SM 5310C	458219		
40269928027	MW-2113	SM 5310C	458219		
40269928028	PZ-2113	SM 5310C	458219		
40269928031	MW-65	SM 5310C	458219		
40269928035	MW-31	SM 5310C	458219		

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Project: 60705270 KEP

Pace Project No.: 40269928

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269928036	MW-2201	SM 5310C	458219		
40269928037	MW-2201D	SM 5310C	458219		
40269928043	MW-2301	SM 5310C	458219		
40269928044	PZ-2301	SM 5310C	458219		
40269928045	MW-2301D	SM 5310C	458219		
40269928046	PZ-2301D	SM 5310C	458219		
40269928047	MW-2303	SM 5310C	458219		
40269928048	PZ-2303	SM 5310C	458219		
40269928049	MW-2102	SM 5310C	458631		
40269928050	MW-2101	SM 5310C	458631		
40269928051	MW-2111	SM 5310C	458631		
40269928052	MW-2110	SM 5310C	458631		
40269928053	PZ-2110	SM 5310C	458631		
40269928054	PZ-2111	SM 5310C	458631		
40269928055	MW-2112	SM 5310C	458631		
40269928056	PZ-2112	SM 5310C	458631		
40269928066	MW-61	SM 5310C	458631		
40269928067	MW-61D	SM 5310C	458631		
40269928068	PZ-61	SM 5310C	458631		
40269928069	MW-2103	SM 5310C	458631		
40269928070	MW-2103D	SM 5310C	458631		
40269928071	PZ-2103	SM 5310C	458631		
40269928072	PZ-2103D	SM 5310C	458631		
40269928073	PZ-2101	SM 5310C	458631		

### REPORT OF LABORATORY ANALYSIS

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Pace® Location Requested (City/State)  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

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Company Name AECOM, Inc. - Milwaukee	Contact/Report To Lanette Altenbach
Street Address 1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #. 414-944-6186
	E-Mail lanette.altenbach@aecom.com
	Cc E-Mail keith.nielsen@aecom.com
Customer Project #. 60705270	Invoice To City of Kenosha Finance Dept.
Project Name. KEP	Invoice E-Mail lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable). 200476
	Quote #
Time Zone Collected [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s) Wisconsin

Specify Container Size **								**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other							
6	6	3	3	2	4	3	3	4	4	1	3	6	3	2	2
Identify Container Preservative Type***								*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other							

Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable  Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other	DW PWSID # or WW Permit # as applicable  Field Filtered (if applicable) [X] Yes [ ] No Analysis Diss Metals
Date Results Requested: <b>Standard</b>		

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End <b>2023</b>		Res. CL2	Number & Type of Containers		8260 VOCs	8015 MIE/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment
			Date	Time	Date	Time		Plastic	Glass									
TB-01	GW	G	/	/	10/16	1200		2	2									Trip Blank 001
MW-2106			/	/		1035		5	7	3	3	1	1	1	1	1		002
MW-2105			/	/		1200			3	3								003
PZ-2105			/	/		1220			3	3								004
MW-112			/	/		1310			3	3								005
MW-117			/	/		1405			3	3								006
PZ-117			/	/		1420			3	3								007
PZ-117D			/	/		1430			3	3								Duplicate 008
MW-111			/	/					3	3								009
MW-116			/	/					3	3								010

Customer Remarks / Special Conditions / Possible Hazards: Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	Collected By: <b>KEW Eric Nielsen KEW</b> Printed Name Signature	Additional Instructions from Pace*: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Relinquished by/Company (Signature) <b>KEW Keith Eric Nielsen KEW</b>	Date/Time 10/19/2023 0715	Received by/Company (Signature)	Date/Time	Tracking Number:
Relinquished by/Company (Signature) <b>KEW Log...</b>	Date/Time 10/20/23 0800	Received by/Company (Signature)	Date/Time 10/20/23 0800	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 1 of 8



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Street Address: 1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #: 414-944-6186
	E-Mail: lanette.altenbach@aecom.com
	Cc E-Mail: keith.nielsen@aecom.com
Customer Project #: 60705270	Invoice To: City of Kenosha Finance Dept.
Project Name: KEP	Invoice E-Mail: lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable): 200476
	Quote #
Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s): Wisconsin

Specify Container Size **								**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other
6	6	3	3	2	4	3	3	*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Identify Container Preservative Type***								
4	4	1	3	6	3	2	2	
Analysis Requested								

Data Deliverables	Regulatory Program (DW, RCRA, etc) as applicable
[ ] Level II [ ] Level III [ ] Level IV	Rush (Pre-approval required):
[ ] EQUIS	[ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other
[ ] Other	Date Results Requested: <b>Standard</b>
	DW PWSID # or WW Permit # as applicable
	Field Filtered (if applicable) [X] Yes [ ] No
	Analysis, Diss Metals

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End <b>2023</b>		Res. CLZ	Number & Type of Containers		8280 VOCs	8015 M/E/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment
			Date	Time	Date	Time		Plastic	Glass									
MW-2114	GW	G	/	/	10/16	1340		5	7	3	3	1	1	1	1	1	1	011
PZ-2114			/	/		1430		5	7	3	3	1	1	1	1	1	1	012
MW-2104			/	/		1540				3	3							013
PZ-116			/	/		1610				3	3							014
PZ-116D			/	/		1610				3	3							Duplicate 015
MW-110			/	/		1650				3	3							016
MW-79			/	/	10/17	0725				3	3							017
MW-80			/	/		0805				3	3							218
MW-81			/	/		0835				3	3							019
PZ-82			/	/		0915				3	3							High Turbidity 020

Customer Remarks / Special Conditions / Possible Hazards:	Collected By: Keith Eric Nielsen <sup>KEN</sup> AECOM	Additional Instructions from Pace*:
Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	*Diss	
	Signature: <i>[Signature]</i>	# Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C):

Relinquished by/Company (Signature): Keith Eric Nielsen <sup>KEN</sup> AECOM	Date/Time: 10/19/2023 @ 12:15	Received by/Company (Signature): [Signature]	Date/Time: 10/20/23 0800	Tracking Number:
Relinquished by/Company (Signature): CS LOGS AECOM	Date/Time: 10/20/23 0800	Received by/Company (Signature): [Signature]	Date/Time: 10/20/23 0800	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company (Signature):	Date/Time:	Received by/Company (Signature):	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company (Signature):	Date/Time:	Received by/Company (Signature):	Date/Time:	Page: 2 of 8



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	E-Mail lanette.altenbach@aecom.com
	Cc E-Mail keith.nielsen@aecom.com
Customer Project # 60705270	Invoice To City of Kenosha Finance Dept.
Project Name KEP	Invoice E-Mail lanette.altenbach@aecom.com

Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable) 200476
	Quote #
Time Zone Collected [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s) Wisconsin

Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable  Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other  Date Results Requested: <b>Standard</b>	DW PWSID # or WW Permit # as applicable.  Field Filtered (if applicable) [X] Yes [ ] No Analysis Diss Metals
----------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End <b>2023</b>		Res. CL2	Number & Type of Containers		8260 VOCs	8015 MIE/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	
			Date	Time	Date	Time		Plastic	Glass									
MW-82	GW	G	/	/	10/17	0935		5	7	3	3	1	1	1	1	1	1	
MW-82D			/	/		0935		5	7	3	3	1	1	1	1	1	1	
MW-108			/	/		1435				3	3							
MW-44			/	/		1245				3	3							
MW-2107			/	/		0915		5	7	3	3	1	1	1	1	1	1	
PZ-2107			/	/		1000		5	7	3	3	1	1	1	1	1	1	
MW-2113			/	/		1109		5	7	3	3	1	1	1	1	1	1	
PZ-2113			/	/		1215		5	7	3	3	1	1	1	1	1	1	
MW-108			/	/		1315				3	3							
MW-107			/	/		1345				3	3							

Specify Container Size **	**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other
Identify Container Preservative Type***	*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Analysis Requested	Proj. Mgr: <b>Christopher Hyska</b> AcctNum / Client ID:  Table #:  Profile / Template: <b>2430</b> Prelog / Bottle Ord. ID: <b>EZ 3012469</b>
	Sample Comment

Customer Remarks / Special Conditions / Possible Hazards. Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	Collected By. Printed Name <b>Keith Eric Nielsen</b> Signature <i>[Signature]</i>	Additional Instructions from Pace*. # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Relinquished by/Company (Signature) <b>Keith Eric Nielsen</b>	Date/Time <b>10/17/2023 1215</b>	Received by/Company (Signature) <b>[Signature]</b>	Date/Time <b>10/20/23 0900</b>	Tracking Number:
Relinquished by/Company (Signature) <b>[Signature]</b>	Date/Time <b>10/20/23 0900</b>	Received by/Company (Signature) <b>[Signature]</b>	Date/Time <b>10/20/23 0900</b>	Delivered by. [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: <b>3</b> of <b>8</b>

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Company Name AECOM, Inc. - Milwaukee	Contact/Report To Lanette Altenbach
Street Address 1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone # 414-944-6186
	E-Mail lanette.altenbach@aecom.com
	Cc E-Mail keith.nielsen@aecom.com
Customer Project # 60705270	Invoice To City of Kenosha Finance Dept.
Project Name KEP	Invoice E-Mail lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable) 200476
	Quote #
Time Zone Collected [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s) Wisconsin

Specify Container Size **								**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other							
6	6	3	3	2	4	3	3	Identify Container Preservative Type***							
4	4	1	3	6	3	2	2	*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other							

Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable Rush (Pre-approval required). [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other Date Results Requested. <b>Standard</b>	DW PWSID # or WW Permit # as applicable Field Filtered (if applicable) [X] Yes [ ] No Analysis Diss Metals
----------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

\* Matrix Codes (insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. CL2	Number & Type of Containers		8260 VOCs	8015 M/E/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment
			Date	Time	Date	Time		Plastic	Glass									
MW-65	GW	G	/	/	10/17	1400		5	7	3	3	1	1	1	1	1	1	031
MW-2108			/	/		1450				3	3							032
MW-2203			/	/		0840				3	3							033
PZ-2203			/	/		0915				3	3							034
MW-31			/	/		1015		5	7	3	3	1	1	1	1	1	1	035
MW-2201			/	/		1120		5	7	3	3	1	1	1	1	1	1	036
MW-2201D			/	/		1120		5	7	3	3	1	1	1	1	1	1	Duplicate 037
MW-2202			/	/		1215				3	3							038
PZ-2202			/	/		1300				3	3							039
MW-206			/	/		1500				3	3							040

Customer Remarks / Special Conditions / Possible Hazards: Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	Collected By: Printed Name <b>Keith Eric Nielsen</b> Signature <i>Keith Eric Nielsen</i>	Additional Instructions from Pace*: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
Relinquished by/Company (Signature) <i>Keith Eric Nielsen</i>	Date/Time 10/17/2023 0715	Received by/Company (Signature) Date/Time
Relinquished by/Company (Signature) <i>CS Cogswell</i>	Date/Time 10/10/23 0800	Received by/Company (Signature) Date/Time <i>CS Cogswell</i> 10/10/23 0800
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature) Date/Time
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature) Date/Time

Proj. Mgr: <b>Christopher Hyska</b>	Lab Use Only Preservation non-conformance identified for sample
AcctNum / Client ID:	
Table #:	
Profile / Template: <b>2430</b>	
Prelog / Bottle Ord. ID: <b>EZ 3012469</b>	

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	Quote #
Time Zone Collected [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s) Wisconsin

Specify Container Size **								**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other							
6	6	3	3	2	4	3	3								
Identify Container Preservative Type***								*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other							
4	4	1	3	6	3	2	2								

Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable  Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other	DW PWSID # or WW Permit # as applicable
	Date Results Requested: <b>Standard</b>	Field Filtered (if applicable) [X] Yes [ ] No Analysis Diss Metals

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End <b>2023</b>		Res. CL2	Number & Type of Containers		8280 VOCs	8015 ME/IE	310 ± Alkalinity, 300 CL, SO4	410 ± COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment
			Date	Time	Date	Time		Plastic	Glass									
MW-2307	GW	G	/	/	10/18	0915		3	3									0411
PZ-2307			/	/		0940		3	3									042
MW-2301			/	/		1010		5	7	3	3	1	1	1	1	1	1	043
PZ-2301			/	/		1110		5	7	3	3	1	1	1	1	1	1	044
MW-2301 D			/	/		1010		5	7	3	3	1	1	1	1	1	1	Duplicate 045
PZ-2301 D			/	/		1110		5	7	3	3	1	1	1	1	1	1	Duplicate 046
MW-2303			/	/		1230		5	7	3	3	1	1	1	1	1	1	047
PZ-2303			/	/		1330		5	7	3	3	1	1	1	1	1	1	048
MW-2105			/	/		0940		5	7	3	3	1	1	1	1	1	1	049
MW-2101			/	/		1045		5	7	3	3	1	1	1	1	1	1	050

Customer Remarks / Special Conditions / Possible Hazards. Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	Collected By. Printed Name <b>Keith Eric Nielsen</b> Signature <b>[Signature]</b>	Additional Instructions from Pace*: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C):
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

Relinquished by/Company (Signature): <b>[Signature]</b> Date/Time: <b>10/17/23 @ 1215</b>	Received by/Company (Signature): Date/Time:	Tracking Number:
Relinquished by/Company (Signature): <b>[Signature]</b> Date/Time: <b>10/20/23 0800</b>	Received by/Company (Signature): <b>[Signature]</b> Date/Time: <b>10/20/23 0800</b>	Delivered by. [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
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Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable): 200476
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Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other Date Results Requested: <b>Standard</b>	DW PWSID # or WW Permit # as applicable Field Filtered (if applicable) [X] Yes [ ] No Analysis: Diss Metals
-----------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. CL2	Number & Type of Containers		8260 VOCs	8015 MIE/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment
			Date	Time	Date	Time		Plastic	Glass									
MW-2111	GW	G	/	/	10/18	1150		5	7	3	3	1	1	1	1	1	1	051
MW-2110			/	/		1025 <sup>0925</sup>		5	7	3	3	1	1	1	1	1	1	052
PZ-2110			/	/		1025		5	7	3	3	1	1	1	1	1	1	053
PZ-2111			/	/		1310		5	7	3	3	1	1	1	1	1	1	054
MW-2112			/	/		1130		5	7	3	3	1	1	1	1	1	1	055
PZ-2112			/	/		1240		5	7	3	3	1	1	1	1	1	1	056
MW-2109			/	/		1420				3	3							057
PZ-2109			/	/		1500				3	3							058
MW-115			/	/		1415				3	3							059
MW-114			/	/		1445				3	3							060

Customer Remarks / Special Conditions / Possible Hazards: Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	Collected By: Printed Name: Keith Eric Nielsen Signature: <i>Keith Eric Nielsen</i>	Additional Instructions from Pace*: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------

Relinquished by/Company (Signature): <i>Keith Eric Nielsen</i> Date/Time: 10/19/2023 @ 1215	Received by/Company (Signature): Date/Time:	Tracking Number:
Relinquished by/Company (Signature): <i>CS Logistics</i> Date/Time: 10/20/23 0800	Received by/Company (Signature): Date/Time: 10/20/23 0800	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company (Signature):	Received by/Company (Signature):	Page: 6 of 8

**CHAIN-OF-CUSTODY Analytical Request Document**

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



40269928

Scan QR Code for instructions

Company Name AECOM, Inc. - Milwaukee	Contact/Report To Lanette Altenbach
Street Address 1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone # 414-944-6186
	E-Mail lanette.altenbach@aecom.com
	Cc E-Mail keith.nielsen@aecom.com
Customer Project # 60705270	Invoice To City of Kenosha Finance Dept
Project Name KEP	Invoice E-Mail lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable) 200476
	Quote #
Time Zone Collected [ ] AK [ ] PT [ ] MT [X] CT [ ] ET	County / State origin of sample(s) Wisconsin

Specify Container Size **										**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other
6	6	3	3	2	4	3	3			*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Identify Container Preservative Type***										
4	4	1	3	6	3	2	2			
Analysis Requested										

Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable Rush (Pre-approval required): [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other Date Results Requested: <b>Standard</b>	DW PWSID # or WW Permit # as applicable Field Filtered (if applicable) [X] Yes [ ] No Analysis Diss Metals
----------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End 2023		Res. CL2	Number & Type of Containers		8280 VOCs	8015 M/E/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment
			Date	Time	Date	Time		Plastic	Glass									
MW-113	GW	G	/	/	10/18	1445		3	3									061
PZ-118			/	/		1515		3	3									062
MW-103			/	/		1625		3	3									063
MW-102			/	/		1630		3	3									064
MW-101			/	/		1630		3	3									065
MW-61			/	/	10/19	0956		5	7	3	3	1	1	1	1	1	1	066
MW-61D			/	/		6950		5	7	3	3	1	1	1	1	1	1	067
PZ-61			/	/		1650		5	7	3	3	1	1	1	1	1	1	068
MW-2103			/	/		0930		5	7	3	3	1	1	1	1	1	1	069
MW-2103D			/	/		0930		5	7	3	3	1	1	1	1	1	1	Duplicate 070

Customer Remarks / Special Conditions / Possible Hazards Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101	Collected By: Printed Name <b>Keith Eric Nielsen</b> Signature <i>[Signature]</i>	Additional Instructions from Pace*: <b>NEW 10/19/23</b>
	*Diss	# Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C):
Relinquished by/Company (Signature) <i>[Signature]</i> <b>NEW AECOM</b>	Date/Time 10/19/2023 09215	Received by/Company (Signature) <i>[Signature]</i> <b>NEW AECOM</b>
Relinquished by/Company (Signature) <i>[Signature]</i>	Date/Time 10/20/23 0800	Received by/Company (Signature) <i>[Signature]</i> <b>WHP/23 0800</b>
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)

Tracking Number:  
Delivered by: [ ] In-Person [ ] Courier  
[ ] FedEx [ ] UPS [ ] Other

Page: **7** of **8**

**Pace**<sup>®</sup>  
 Pace Analytical Green Bay  
 1241 Bellevue Street, Suite 9  
 Green Bay, WI 54302

### CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



40269928

Scan QR Code for instructions

Company Name AECOM, Inc - Milwaukee	Contact/Report To Lanette Altenbach
Street Address 1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone # 414-944-6186
	E-Mail lanette.altenbach@aecom.com
	Cc E-Mail keith.nielsen@aecom.com
Customer Project # 60705270	Invoice To City of Kenosha Finance Dept.
Project Name KEP	Invoice E-Mail lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable)	Purchase Order # (if applicable) 200476
	Quote #
Time Zone Collected <input type="checkbox"/> AK <input type="checkbox"/> PT <input type="checkbox"/> MT <input checked="" type="checkbox"/> CT <input type="checkbox"/> ET	County / State origin of sample(s) Wisconsin

Specify Container Size **										**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) Other
6	6	3	3	2	4	3	3			*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Identify Container Preservative Type***										
4	4	1	3	6	3	2	2			
Analysis Requested										

Data Deliverables <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> EQUIS <input type="checkbox"/> Other	Regulatory Program (DW, RCRA, etc) as applicable  Rush (Pre-approval required): <input type="checkbox"/> 2 Day <input type="checkbox"/> 3 day <input type="checkbox"/> 5 day <input type="checkbox"/> Other	DW PWSID # or WW Permit # as applicable
	Date Results Requested: <b>Standard</b>	Field Filtered (if applicable): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Analysis: Diss Metals

\* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End <b>2023</b>		Res. CL2	Number & Type of Containers		8260 VOCs	8015 M/E/E	310 2 Alkalinity, 300 CL, SO4	410 4 COD	4500 Sulfide	5310 TOC	6020 Metals, Dissolved	6020 Metals, Total	Sample Comment	
			Date	Time	Date	Time		Plastic	Glass										
PZ-2103	GW	G	/	/	10/19	1030		5	7	3	3	1	1	1	1	1	1	1	* see note 071
PZ-2103N	↓	↓	/	/	↓	1030		5	7	3	3	1	1	1	1	1	1	1	* see note 072 Duplicate
PZ-2101	↓	↓	/	/	↓	0900		5	7	3	3	1	1	1	1	1	1	1	* see note 073
TB-02	↓	↓	/	/	↓	1215			2	2									Trip Blank 074

**KEN**  
10/19/2022

Customer Remarks / Special Conditions / Possible Hazards Total Metals - Fe, Mn Dissolved Metals - Fe, Mn, Ba, Cd, Pb, Ni Ca, Mg, K, Na also for PZ-2103, PZ-2103D, PZ-2101 <b>* Applies to COC # 8</b>	Collected By: Printed Name <b>Keith Nielsen</b> Signature <b>[Signature]</b>	Additional Instructions from Pace* # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
Relinquished by/Company (Signature) <b>[Signature]</b>	Date/Time 10/19/2023 0925	Received by/Company (Signature) <b>[Signature]</b>
Relinquished by/Company (Signature) <b>[Signature]</b>	Date/Time 10/19/2023 0800	Received by/Company (Signature) <b>[Signature]</b>
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)

Effective Date: 8/16/2022

Client Name: AEWM

Sample Preservation Receipt Form

Project # 4226928

Yes  No  N/A

Initial when completed. 86

Date/Time: 10/20/23  
1700

All containers needing preservation have been checked and noted below

Lab Lot# of pH paper. 1002723

Lab Std #ID of preservation (if pH adjusted)

Pace Lab #	Glass						Plastic						Vials				Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WGFU								WPFU	SP5T	ZPLC	GN 1	GN 2	
001																																			2.5 / 5
002				1						2	1	1														X	X							2.5 / 5	
003																																		2.5 / 5	
004																																		2.5 / 5	
005																																		2.5 / 5	
006																																		2.5 / 5	
007																																		2.5 / 5	
008																																		2.5 / 5	
009																																		2.5 / 5	
010																																		2.5 / 5	
011				1						1	2	1														X	X							2.5 / 5	
012				1						1	2	1													X	X							2.5 / 5		
013																																		2.5 / 5	
014																																		2.5 / 5	
015																																		2.5 / 5	
016																																		2.5 / 5	
017																																		2.5 / 5	
018																																		2.5 / 5	
019																																		2.5 / 5	
020																																		2.5 / 5	

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm)  Yes  No  N/A

\*If yes look in headspace column

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

Client Name: AELON

Sample Preservation Receipt Form  
Project #: 40269928

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H <sub>2</sub> SO <sub>4</sub> pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO <sub>3</sub> pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WG9U	WPFU								SP5T	ZPLC	GN 1	GN 2
021																												X	X	X			2.5 / 5	
022																													X	X	X			2.5 / 5
023																																		2.5 / 5
024																																		2.5 / 5
025																													X	X	X			2.5 / 5
026																													X	X	X			2.5 / 5
027																													X	X	X			2.5 / 5
028																													X	X	X			2.5 / 5
029																																		2.5 / 5
030																																		2.5 / 5
031																													X	X	X			2.5 / 5
032																																		2.5 / 5
033																																		2.5 / 5
034																																		2.5 / 5
035																													X	X	X			2.5 / 5
036																													X	X	X			2.5 / 5
037																													X	X	X			2.5 / 5
038																																		2.5 / 5
039																																		2.5 / 5
040																																		2.5 / 5
041																																		2.5 / 5
042																																		2.5 / 5
043																													X	X	X			2.5 / 5
044																													X	X	X			2.5 / 5
045																													X	X	X			2.5 / 5
046																													X	X	X			2.5 / 5
047																													X	X	X			2.5 / 5
048																													X	X	X			2.5 / 5





### Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: AELOM

**WO# : 40269928**



40269928

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

Tracking #: \_\_\_\_\_

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

Cooler Temperature Uncorr: 1.0 / Corr: 1.0

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

Person examining contents:  
 Date: 10/20/23 Initials: SG  
 Labeled By Initials: AW

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

Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>chest used water soluble ink 10/20/23</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: - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5. Date/Time:
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: 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	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC: <u>10/20/23</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>W</u>	12. <u>074 IO "Trip blank" time "0900" 10/20/23</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>508</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 log in