

June 20, 2023

**Our Reference**  
60705270**BRRTS#**  
02-30-000327Greg Boldt, P.E.  
Deputy Director of Public Works  
City of Kenosha  
625 52nd Street  
Kenosha, Wisconsin 53140**KEP Groundwater Post-Remediation Sample Results - April 2023**

Dear Greg:

AECOM conducted the fifth quarterly post-remediation groundwater sampling event between April 24 and 26, 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 interior and 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. 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 generally easterly across the site at the water table, easterly at the clay-till interface in the northern half of the KEP and south-easterly at the clay-till interface in the southeastern portion of the KEP, based on the depth to groundwater measurements on April 24, 2023. These flow directions are consistent with the data provided in prior groundwater elevation measurement events. Contoured groundwater elevations for April 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 the 49 monitoring wells and 19 piezometers plus eight duplicate samples and three 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. The groundwater analytical results are summarized in Table 3A and 3B (Area 1 VOCs and metals/geochemical parameters, respectively), Table 4A and 4B (Area 2), Table 5A and 5B (Area 3), and Table 6A and 6B (Area 4). VOCs results for perimeter monitoring wells and piezometers are summarized in Table 7. The groundwater analytical results were compared to the Wisconsin Administrative Code Ch. NR 140.10, Table 1, Public Health Groundwater Quality Standards, enforcement standards (ES) and preventive action limit (PAL). ES exceedances are depicted in bold and PAL exceedances are shown in underlined italics in each of the tables. The laboratory analytical report is also attached.

Quality control samples were collected to assess laboratory precision and accuracy. Three trip blanks were submitted for analysis and VOCs were not detected. Eight field duplicate samples were collected and submitted for analysis. The laboratory analytical data were validated and reviewed. The data validation report is attached.

The ES exceedances are not depicted on the figures because the groundwater treatment process is ongoing, 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."

**enclosures:**

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Figure 1 Groundwater Elevations Contour Map (Piezometers, April 2023)

Data Validation Memo

Pace Laboratory Analytical Report

**cc:** Paul Grittner, WDNR

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

<b>Well Number</b>	<b>MW-2101</b>		<b>PZ-2101</b>		<b>MW-2102</b>		<b>MW-2103</b>		<b>PZ-2103</b>		<b>MW-2104</b>	
Ground Elevation (ft)	625.39		625.40		624.99		624.22		624.23		624.79	
Top of PVC Casing (TOC) Elevation (ft)	627.55		627.99		627.10		626.14		626.31		627.11	
Top of Screen Elevation (ft)	620.21		606.99		620.26		619.26		606.36		620.18	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft) <sup>A</sup>	17.34		23.00		16.84		16.88		21.95		16.93	
<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	10.51	617.04	10.98	617.01	9.49	617.61	8.55	617.59	8.72	617.59	9.65	617.46
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
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
10/6/2021	11.06	616.49	11.41	616.58	10.62	616.48	9.61	616.53	9.71	616.60	10.68	616.43
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
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
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
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
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
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
10/24/2022	10.61	616.94	10.43	617.56	10.12	616.98	9.12	617.02	9.59	616.72	10.02	617.09
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
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

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-2105</b>		<b>PZ-2105</b>		<b>MW-2106</b>		<b>MW-2107</b>		<b>PZ-2107</b>		<b>MW-2108</b>	
Ground Elevation (ft)	625.21		625.22		626.95		626.42		626.36		625.59	
Top of PVC Casing (TOC) Elevation (ft)	627.38		627.69		629.11		628.32		628.66		627.58	
Top of Screen Elevation (ft)	620.60		602.89		621.21		620.64		604.77		619.84	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft) <sup>A</sup>	16.78		26.80		17.90		17.68		25.89		17.74	
<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	10.60	616.78	11.14	616.55	13.03	616.08	12.98	615.34	13.23	615.43	12.69	614.89
4/5/2021	9.92	617.46	10.26	617.43	12.54	616.57	12.56	615.76	12.98	615.68	12.45	615.13
6/16/2021	10.63	616.75	10.90	616.79	13.16	615.95	12.94	615.38	13.29	615.37	12.70	614.88
10/6/2021	11.54	615.84	11.79	615.90	13.81	615.30	13.36	614.96	13.70	614.96	12.97	614.61
12/15/2021	11.12	616.26	11.65	616.04	13.59	615.52	13.16	615.16	13.49	615.17	12.66	614.92
2/21/2022	11.15	616.23	11.40	616.29	13.63	615.48	13.19	615.13	13.50	615.16	12.79	614.79
3/21/2022	11.05	616.33	11.76	615.93	13.64	615.47	13.29	615.03	13.58	615.08	12.89	614.69
4/25/2022	9.34	618.04	10.37	617.32	12.27	616.84	12.45	615.87	12.81	615.85	12.14	615.44
5/17/2022	9.85	617.53	9.85	617.84	11.97	617.14	12.32	616.00	12.67	615.99	12.28	615.30
7/25/2022	10.37	617.01	10.57	617.12	13.01	616.10	12.91	615.41	13.22	615.44	12.58	615.00
10/24/2022	10.77	616.61	10.89	616.80	13.33	615.78	13.42	614.90	13.08	615.58	12.77	614.81
1/23/2023	10.60	616.78	10.90	616.79	13.40	615.71	12.58	615.74	13.27	615.39	12.65	614.93
4/24/2023	9.40	617.98	9.01	618.68	12.01	617.10	12.30	616.02	12.64	616.02	12.34	615.24

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-2109</b>		<b>PZ-2109</b>		<b>MW-2110</b>		<b>PZ-2110</b>		<b>MW-2111</b>		<b>PZ-2111</b>	
Ground Elevation (ft)	625.07		624.92		624.83		624.76		626.40		626.44	
Top of PVC Casing (TOC) Elevation (ft)	627.04		627.23		627.00		626.95		628.33		628.68	
Top of Screen Elevation (ft)	620.02		606.76		619.93		606.20		620.31		604.91	
Screen Length (ft)	10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	17.02		22.47		17.07		22.75		18.02		26.27	
<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	12.86	614.18	13.07	614.16	12.68	614.32	12.94	614.01	12.24	616.09	12.57	616.11
4/5/2021	12.42	614.62	12.68	614.55	12.26	614.74	12.22	614.73	11.44	616.89	11.77	616.91
6/16/2021	12.83	614.21	13.02	614.21	12.86	614.14	12.85	614.10	12.39	615.94	12.71	615.97
10/6/2021	13.17	613.87	13.43	613.80	13.38	613.62	13.31	613.64	12.95	615.38	13.27	615.41
12/15/2021	12.74	614.30	12.98	614.25	12.85	614.15	12.79	614.16	12.37	615.96	13.71	614.97
2/21/2022	12.92	614.12	13.10	614.13	13.04	613.96	13.00	613.95	12.89	615.44	13.10	615.58
3/21/2022	12.83	614.21	13.03	614.20	12.90	614.10	12.89	614.06	12.55	615.78	12.71	615.97
4/25/2022	11.79	615.25	11.98	615.25	9.65	617.35	11.17	615.78	9.65	618.68	10.04	618.64
5/17/2022	11.85	615.19	12.06	615.17	11.38	615.62	11.31	615.64	10.64	617.69	11.01	617.67
7/25/2022	12.65	614.39	12.89	614.34	12.55	614.45	12.51	614.44	12.18	616.15	12.55	616.13
10/24/2022	12.84	614.20	13.01	614.22	12.91	614.09	12.85	614.10	12.46	615.87	12.79	615.89
1/23/2023	12.57	614.47	12.49	614.74	12.53	614.47	12.51	614.44	11.85	616.48	12.20	616.48
4/24/2023	11.95	615.09	12.16	615.07	11.47	615.53	11.42	615.53	9.53	618.80	11.32	617.36

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-2112</b>		<b>PZ-2112</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)	624.21		624.18		625.20		625.10		624.72		624.72		623.52		623.56	
Top of PVC Casing (TOC) Elevation (ft)	626.32		626.48		627.33		627.36		626.80		626.80		624.03		624.15	
Top of Screen Elevation (ft)	619.46		605.48		620.34		606.48		620.13		606.98		617.20		605.60	
Screen Length (ft)	10		2		10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	16.86		23.00		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)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	9.99	616.33	10.16	616.32	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	9.84	616.48	9.98	616.50	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	10.48	615.84	10.61	615.87	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	10.92	615.40	11.11	615.37	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	10.00	616.32	10.18	616.30	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	10.63	615.69	10.78	615.70	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	10.46	615.86	10.73	615.75	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	8.17	618.15	8.32	618.16	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	9.25	617.07	10.33	616.15	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	10.11	616.21	10.22	616.26	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	10.47	615.85	10.65	615.83	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	9.92	616.40	10.02	616.46	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	9.47	616.85	9.57	616.91	10.10	617.23	10.15	617.21	9.55	617.25	9.52	617.28	8.71	615.32	8.93	615.22

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

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

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-77</b>		<b>MW-1000</b>		<b>PZ-1000</b>		<b>MW-79</b>		<b>MW-80</b>		<b>MW-81</b>	
Ground Elevation (ft)	624.24		623.48		625.92		625.89		624.88		624.21		624.63	
Top of PVC Casing (TOC) Elevation (ft)	627.63		622.51		627.83		628.08		624.62		623.81		624.35	
Top of Screen Elevation (ft)	614.82		615.80		620.85		603.49		617.89		617.00		617.39	
Screen Length (ft)	10		10		10		2.5		10		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	22.81		16.71		16.98		27.09		16.42		15.37		16.46	
<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	15.39	612.24	Dry	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	14.04	613.59	9.86	612.65	16.74	611.09	17.35	610.73	9.44	615.18	6.18	617.63	9.16	615.19
6/16/2021	14.94	612.69	NM	--	16.74	611.09	18.08	610.00	10.10	614.52	7.02	616.79	10.72	613.63
10/6/2021	15.72	611.91	10.36	612.15	16.94	610.89	18.83	609.25	11.06	613.56	8.65	615.16	11.73	612.62
12/8/2021	16.01	611.62	10.37	612.14	NM	--	NM	--	11.17	613.45	8.83	614.98	11.74	612.61
12/15/2021	15.42	612.21	NM	--	16.93	610.90	18.35	609.73	10.68	613.94	7.39	616.42	10.75	613.60
1/12/2022	14.80	612.83	NM	--	NM	--	NM	--	10.24	614.38	7.44	616.37	10.65	613.70
2/7/2022	14.93	612.70	NM	--	NM	--	NM	--	10.82	613.80	8.57	615.24	10.98	613.37
4/25/2022	13.45	614.18	10.38	612.13	16.95	610.88	16.94	611.14	6.61	618.01	3.19	620.62	7.19	617.16
7/25/2022	14.47	613.16	NM	--	16.91	610.92	17.62	610.46	8.56	616.06	4.23	619.58	9.18	615.17
10/24/2022	15.76	611.87	NM	--	NM	--	NM	--	10.45	614.17	7.82	615.99	11.39	612.96
1/23/2023	15.15	612.48	10.36	612.15	16.93	610.90	18.01	610.07	9.66	614.96	6.40	617.41	10.35	614.00
4/24/2023	13.58	614.05	10.38	612.13	16.65	611.18	16.65	611.43	8.11	616.51	4.30	619.51	8.70	615.65

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation

MW-65 replaced on 04/03/2023

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

<b>Well Number</b>	<b>MW-82</b>		<b>PZ-82</b>		<b>MW-44</b>		<b>MW-108</b>	
Ground Elevation (ft)	625.10		625.10		624.86		624.00	
Top of PVC Casing (TOC) Elevation (ft)	624.89		624.89		624.54		623.83	
Top of Screen Elevation (ft)	618.00		618.00		619.95		619.57	
Screen Length (ft)	10		2		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	16.20		24.31		14.59		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)
12/7/2020	NM	--	NI	--	11.57	608.38	8.53	611.04
4/5/2021	10.69	614.20	NI	--	10.49	609.46	4.76	614.81
6/16/2021	16.04	608.85	NI	--	11.36	608.59	9.34	610.23
10/6/2021	12.65	612.24	12.75	612.14	12.21	607.74	10.09	609.48
12/8/2021	12.82	612.07	12.49	605.51	12.05	607.90	9.07	610.50
12/15/2021	12.27	612.62	11.98	612.91	11.65	608.30	7.14	612.43
1/12/2022	11.81	613.08	11.78	613.11	11.56	608.39	NM	--
2/7/2022	12.01	612.88	11.50	613.39	12.15	607.80	8.48	611.09
4/25/2022	9.32	615.57	10.75	614.14	10.02	609.93	3.02	616.55
7/25/2022	10.55	614.34	10.71	614.39	10.40	609.55	7.64	611.93
10/24/2022	12.36	612.53	11.78	613.11	12.41	607.54	9.27	610.30
1/23/2023	10.72	614.17	11.37	613.52	11.53	608.42	7.16	612.41
4/24/2023	9.78	615.11	9.92	608.08	9.83	610.12	4.54	615.03

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation

MW-65 replaced on 04/03/2023

**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>	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	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

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

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	
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)
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

ft = feet

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

NM = 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 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
1	PZ-2101	04/26/23	7.88	0.09	-290.8	1.037	10.89	8.23
		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
1	MW-2102	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
		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
1	MW-2103	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
		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
1	PZ-2103	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
		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
1	MW-2104	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
		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
1	MW-2105	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	-1368.0	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
		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
1	MW-2105	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	-87.2	1.974	9.34	-87.70
		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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)	
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		
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		
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		
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		
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		
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		
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		

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
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	
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
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	1723.000	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	
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	
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	
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	
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	



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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
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	
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	
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	
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	
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	

mg/l = milligrams per liter    mV = millivolts    mS/cm = microSiemens per centimeter  
 NM = Not Measured    °C = degrees Celcius    ntu = nephelometric turbidity units

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

Treatment Area	Well Name	Sample Date	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	1.4	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		
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
		01/31/22	NM	NM	NM	NM	NM	NM
		02/28/22	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		
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
		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		
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		

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
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
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
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
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
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

mg/l = milligrams per liter    mV = millivolts    mS/cm = microSiemens per centimeter  
 NM = Not Measured    °C= degrees Celcius    ntu = nephelometric turbidity units

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

Treatment Area	Well Name	Sample Date	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		
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
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		
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		
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		
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		

mg/l = milligrams per liter    mV = millivolts    mS/cm = microSiemens 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 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		
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
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		
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		

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
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		
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		
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		
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		

mg/l = milligrams per liter      mV = millivolts      mS/cm = microSiemens 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 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	0.84981	12.84
	04/06/21	6.99	0.27	-62	1.395	15.25
	10/25/21	6.86	0.22	-56.1	1.12	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	13.7
	04/25/23	7.27	0.23	-96.4	1.61	8.22
<b>PZ-69R</b>	11/17/20	Replacement Well for PZ-69				
	12/7/20	7.04	0.39	-78.6	4.0865	13.01
	04/06/21	7.09	0.6	-64.4	3.722	15.25
	10/25/21	7.07	0.22	-102	4.142	14.24
	04/27/22	7.09	0.4	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
<b>MW-70R</b>	11/17/20	Replacement for MW-70				
	12/07/20	6.89	1.61	136.4	1.6568	13.15
	04/06/21	6.89	0.43	55	1.517	13.85
	10/25/21	7	0.3	13.4	1.248	15.42
	04/27/22	6.99	0.4	95.7	2.434	8.63
	10/26/22	7	NM	-25	3.04	13.98
	04/25/23	7.54	0.96	-67.1	1.377	9.2
<b>MW-71R</b>	11/17/20	Replacement Well for MW-71				
	12/07/20	6.6	5.06	112	0.00178	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	3.14	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
<b>MW-101</b>	04/14/20	7.19	4.92	200.73	1.768	7.54
	11/03/20	7.24	1.34	14.63	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
<b>MW-102</b>	04/14/20	7.23	0.58	182.26	1.591	7.61
	11/03/20	7.10	0.54	-38.80	1.246	16.64
	04/05/21	6.69	11.28	118.10	0.223	12.30
	10/25/21	6.84	0.22	-9.90	2.2	16.36
	04/25/22	7.49	8.62	121.20	2.3	8.72
	10/25/22	7.03	NM	-50.20	2.694	16.10
	4/25/2023	7.23	0.66	72.5	3.643	8.31
<b>MW-103</b>	04/14/20	7.19	2.40	69.75	1.569	7.94
	11/03/20	7.01	3.11	-44.52	3.996	16.3
	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

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

Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)
<b>MW-105</b>	04/15/20	6.87	0.21	-23.91	1.682	7.30
	11/03/20	6.89	0.08	-90.85	1.942	15.79
	04/05/21	6.79	0.21	-63.20	1.467	8.98
	10/25/21	6.78	0.34	-82.80	2.687	15.85
	04/25/22	6.90	0.18	-35.00	1.589	8.22
	10/24/22	6.67	0.36	-165.90	1.658	17.10
	04/25/23	7.16	0.41	-185.30	1.255	7.93
<b>MW-107</b>	04/15/20	6.77	0.55	44.67	1.194	7.23
	11/03/20	6.83	0.22	-81.90	1.277	17.15
	04/05/21	6.95	1.28	16.70	0.920	11.36
	Oct 2021	Not Sampled -Dry				
	04/25/22	6.98	3.19	21.30	0.997	8.97
	10/24/22	6.61	1.48	-134.60	1.024	17.80
	04/25/23	7.05	0.38	-47.50	1.421	7.50
<b>MW-109</b>	04/14/20	7.26	0.30	-43.04	0.801	8.96
	11/04/20	7.12	NM	-94.05	0.876	15.29
	04/06/21	6.97	0.25	-55.40	0.873	11.25
	10/26/21	7.07	0.23	-73.90	1.391	15.49
	04/25/22	7.13	0.38	-17.60	1.824	10.50
	10/24/22	6.69	0.61	-161.40	2.2	16.20
	04/24/23	7.27	1.73	-147.80	1.805	10.11
<b>MW-110</b>	04/15/20	7.06	6.77	253.52	1.398	8.06
	11/03/20	7.08	0.78	53.26	0.853	17.12
	04/06/21	7.13	8.41	62.20	1.144	10.91
	10/26/21	7.06	2.2	67.60	1.401	15.84
	04/25/22	7.2	11.52	74.30	1.386	8.14
	10/24/22	6.88	1.46	-160.30	0.923	16.00
<b>MW-111</b>	04/14/20	7.09	3.16	230.31	0.886	8.14
	11/03/20	6.96	0.14	-37.86	0.541	16.72
	04/06/21	7.01	0.87	23.00	1.328	11.82
	10/26/21	7.03	0.26	38.10	0.867	16.44
	04/26/22	7.01	0.16	32.00	2.74	7.37
	10/24/22	6.79	0.21	-240.00	0.927	17.00
	04/24/23	7.37	1.84	25.20	1.206	8.72
<b>MW-112</b>	04/14/20	7.03	4.99	196.13	1.424	7.2
	11/03/20	7.11	1.05	42.55	1.424	16.93
	04/06/21	7.35	4	74.5	1.309	13.3
	10/26/21	7.08	1.91	-7	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	14.1
	04/24/23	7.27	2.92	76.6	1.9	9.84
<b>MW-115</b>	04/15/20	7.25	3.41	53.86	0.893	6.83
	11/04/20	7.07	NM	21.73	0.66	16.42
	04/06/21	7.16	7.93	143.40	0.807	11.32
	Oct 2021	Not Sampled				
	04/25/22	8.78	7.08	-82.80	1.388	11.78
	10/26/22	7.12	1.95	-17.80	1.197	14.4
	04/25/23	7.31	5.08	160.90	1.217	8.05
<b>MW-116</b>	04/14/20	6.98	2.38	255.24	0.698	8.15
	11/04/20	6.92	0.27	145.74	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



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

Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)
<b>PZ-116</b>	04/14/20	7.11	0.11	3.87	2.07	10.40
	11/04/20	6.97	0.06	-67.00	2.075	13.71
	04/06/21	6.8	1.17	9.10	1.748	12.78
	10/27/21	6.83	0.26	-63.40	2.138	13.79
	04/25/22	6.97	0.2	-11.90	2.173	9.41
	10/26/22	7.06	0.3	-31.4	1.923	11.80
	04/24/23	7.64	8.58	95	1.119	10.06
<b>MW-117</b>	04/14/20	6.90	0.15	58.16	0.768	8.85
	11/03/20	6.92	0.19	-75.17	1.044	16.11
	04/06/21	6.92	2.15	52.00	0.905	13.09
	10/27/21	7.08	0.21	-135.30	1.330	15.98
	04/25/22	7.15	3.98	73.60	1.4	8.50
	10/24/22	6.74	0.15	-198.40	1.051	16.20
	04/24/23	7.11	0.14	-251.00	1.046	9.47
<b>PZ-117</b>	04/14/20	6.84	1.18	144.95	1.247	7.92
	11/03/20	6.95	0.15	-69.93	1.33	14.91
	04/07/21	6.38	10.52	203.20	1.37	12.57
	10/27/21	7.06	0.16	-51.40	1.411	14.44
	04/26/22	6.94	1.51	207.70	1.69	9.62
	10/24/22	7.01	0.24	-120.40	1.243	16.3

mg/l = milligrams per liter. mS/cm = microSiemens per centimeter  
ft = feet mV = millivolts NM = Not Measured

**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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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
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
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
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
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
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
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
PZ-2101	12/9/2020	< 136	< 122	< 140	< 420	< 437	< 353	< 314	< 123	< 182	< 671	< 637
PZ-2101	4/9/2021	< 148	< 291	< 146	< 224	< 179	< 163	< 176	< 148	< 208	< 690	< 591
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
PZ-2101	3/23/2022	< 185	< 364	< 182	< 280	< 223	< 204	< 219	< 185	< 260	< 862	< 739
PZ-2101	4/27/2022	< 29.6	<b>205</b>	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
PZ-2101	7/26/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180
PZ-2101	10/27/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180
PZ-2101	1/25/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180
PZ-2101	4/26/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 504
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
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
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
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
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
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
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
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
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

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
MW-2101	12/9/2020	<u>19</u>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	<u>0.74</u> <sup>J</sup>	<b>249</b>	< 1.5
MW-2101	4/8/2021	0.70 <sup>J</sup>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.35 <sup>J</sup>	<b>1.7</b>	< 1.0
MW-2101	2/22/2022	<u>7.6</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.45 <sup>J</sup>	< 0.17	< 1.0
MW-2101	3/21/2022	6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.34 <sup>J</sup>	<b>2.8</b>	< 1.0
MW-2101	4/27/2022	2.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
MW-2101	7/26/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.24</b> <sup>J</sup>	< 1.0
MW-2101	10/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.44</b> <sup>J</sup>	< 1.0
MW-2101	1/25/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	<b>0.38</b> <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0
MW-2101	4/26/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	<b>0.56</b> <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2101	12/9/2020	<b>17600</b>	< 159	< 290	< 354	< 405	< 424	< 163	< 135	< 232	<b>40300</b>	<b>258</b> <sup>J</sup>	< 750
PZ-2101	4/9/2021	<b>11700</b>	< 163	< 160	< 429	< 173	< 212	< 204	< 144	< 264	<b>24400</b>	<b>153</b> <sup>J</sup>	< 524
PZ-2101	2/24/2022	<b>9410</b>	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	< 52.8	<b>11800</b>	<b>143</b>	< 105
PZ-2101	3/23/2022	<b>13400</b>	< 203	< 200	< 536	< 216	< 265	< 255	< 180	< 330	<b>64200</b>	<b>134</b> <sup>J</sup>	< 655
PZ-2101	4/27/2022	<b>22000</b>	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	<b>71.3</b> <sup>J</sup>	< 28.8	< 52.8	<b>92400</b>	<b>373</b>	< 105
PZ-2101	7/26/2022	<b>51200</b>	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	<b>70300</b>	<b>2780</b>	< 1050
PZ-2101	10/27/2022	<b>60000</b>	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	<b>77500</b>	<b>13700</b>	< 1050
PZ-2101	1/25/2023	<b>52900</b>	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	<b>85100</b>	<b>21200</b>	< 1050
PZ-2101	4/26/2023	<b>31300</b>	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	<b>57400</b>	<b>22300</b>	< 1050
MW-2102	12/15/2020	<b>317</b>	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	2.5 <sup>J</sup>	< 1.3	<b>218</b>	< 7.5
MW-2102	4/8/2021	<b>194</b>	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	2.3 <sup>J</sup>	< 1.3	<b>222</b>	< 4.2
MW-2102	2/22/2022	<b>157</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>151</b>	< 2.1
MW-2102	3/22/2022	<b>220</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	1.3 <sup>J</sup>	< 0.64	<b>169</b>	< 2.1
MW-2102	4/27/2022	<b>85.9</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	<u>0.91</u> <sup>J</sup>	<b>76</b>	< 2.1
MW-2102	7/25/2022	<b>327</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	1.6 <sup>J</sup>	<u>0.87</u> <sup>J</sup>	<b>144</b>	< 2.1
MW-2102	10/27/2022	<b>192</b>	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	< 2.6 <sup>UJ</sup>	< 1.6	<b>60</b>	< 5.2
MW-2102	1/25/2023	<u>10.9</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>11.8</b>	< 1.0
MW-2102	4/25/2023	3.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.9</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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
PZ-2103	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796
PZ-2103	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480
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
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
PZ-2103	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
PZ-2103	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
PZ-2103	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390
PZ-2103	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910
PZ-2103	4/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
MW-2103	12/14/2020	<b>1390</b>	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	<u>90.1</u>	<b>966</b>	<b>255</b>	< 7.5
MW-2103	4/23/2021	<b>1280</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>75.3</u>	<b>429</b>	<b>284</b>	< 10.5
MW-2103	2/23/2022	<b>10200</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>126</b>	<b>257</b>	<b>238</b>	< 10.5
MW-2103	3/22/2022	<b>6810</b>	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	<b>111</b>	< 32.0	<b>539</b>	< 105
MW-2103	4/27/2022	<b>3330<sup>J</sup></b>	< 6.5	< 6.4	< 17.1	< 6.9	< 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
MW-2103	7/26/2022	<b>5770</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>92.0<sup>J</sup></u>	< 6.4	<b>1090</b>	< 21.0
MW-2103	10/27/2022	<b>329</b>	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	<u>4.3<sup>J</sup></u>	< 1.6	<b>2180</b>	< 5.2
MW-2103	1/25/2023	<b>745</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	11.1	<b>10<sup>J</sup></b>	<b>1230</b>	< 10.5
MW-2103	4/26/2023	<b>359</b>	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	6.1	<b>5.4</b>	<b>572</b>	< 4.2
MW-2103 DUP	12/14/2020	<b>1500</b>	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	<u>98.7</u>	<b>1130</b>	<b>257</b>	< 7.5
MW-2103 DUP	4/8/2021	<b>1190</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>71.5</u>	<b>402</b>	<b>270</b>	< 10.5
MW-2103 DUP	2/23/2022	<b>9210</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>118</b>	<b>183</b>	<b>233</b>	< 10.5
MW-2103 DUP	3/22/2022	<b>6710</b>	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	<b>124</b>	< 32.0	<b>311</b>	< 105
MW-2103 DUP	4/27/2022	<b>2280<sup>J</sup></b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>69.0<sup>J</sup></u>	< 6.4	<b>513</b>	< 21.0
MW-2103 DUP	7/26/2022	<b>4960</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>61.4<sup>J</sup></u>	< 6.4	<b>1230</b>	< 21.0
MW-2103 DUP	10/27/2022	<b>353</b>	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	<u>4.3<sup>J</sup></u>	< 1.6	<b>2350</b>	< 5.2
MW-2103 DUP	1/25/2023	<b>632</b>	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	13.6 <sup>J</sup>	<b>8.1<sup>J</sup></b>	<b>1030</b>	< 26.2
MW-2103 DUP	4/26/2023	<b>300</b>	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	5	<b>8.4</b>	<b>472</b>	< 2.6
PZ-2103	12/14/2020	<b>10300</b>	< 199	< 363	< 443	< 507	< 530	< 204	< 168	<b>957<sup>J</sup></b>	<b>176000</b>	< 109	< 938
PZ-2103	4/9/2021	<b>10800</b>	< 406	< 399	< 1070	< 432	< 530	< 511	< 360	<b>754<sup>J</sup></b>	<b>173000</b>	< 218	< 1310
PZ-2103	2/24/2022	<b>3310</b>	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	<b>161</b>	<b>15800</b>	<b>50.3<sup>J</sup></b>	< 105
PZ-2103	4/7/2022	<b>5370</b>	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	<b>115</b>	<b>52200</b>	<b>75.6</b>	< 105
PZ-2103	5/5/2022	<b>4160</b>	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	<b>32000</b>	< 34.9	< 210
PZ-2103	7/26/2022	<b>14300</b>	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	<b>35300</b>	<b>65.7<sup>J</sup></b>	< 210
PZ-2103	10/27/2022	<b>11400</b>	< 2030	< 2000	< 5360	< 2160	< 2650	< 2550	< 1800	< 3300 <sup>UJ</sup>	<b>268000</b>	< 1090	< 6550
PZ-2103	1/25/2023	<b>16200</b>	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	<b>229000</b>	< 872	< 5240
PZ-2103	4/26/2023	<b>47300<sup>J</sup></b>	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	<b>659000<sup>J</sup></b>	< 872	< 5240

**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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
PZ-2103 DUP	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796
PZ-2103 DUP	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480
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
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
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
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
PZ-2103 DUP	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390
PZ-2103 DUP	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910
PZ-2103 DUP	4/26/2023	< 591	< 1160	< 583	< 897	< 715	< 652	< 702	< 591	< 831	< 2760	< 1010
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
PZ-2103 DUP	12/14/2020	<b>9920</b>	< 199	< 363	< 443	< 507	< 530	< 204	< 168	<b>898<sup>J</sup></b>	<b>180000</b>	< 109	< 938
PZ-2103 DUP	4/9/2021	<b>12000</b>	< 406	< 399	< 1070	< 432	< 530	< 511	< 360	<b>777<sup>J</sup></b>	<b>201000</b>	< 218	< 1310
PZ-2103 DUP	2/24/2022	<b>3130</b>	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	<b>155<sup>J</sup></b>	<b>14500</b>	< 34.9	< 210
PZ-2103 DUP	4/7/2022	<b>4550</b>	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	<b>22400</b>	<b>72.6</b>	< 210
PZ-2103 DUP	5/5/2022	<b>4290</b>	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	<b>133<sup>J</sup></b>	<b>32400</b>	< 34.9	< 210
PZ-2103 DUP	7/26/2022	<b>12200</b>	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	<b>29800</b>	<b>56.3<sup>J</sup></b>	< 210
PZ-2103 DUP	10/27/2022	<b>12800</b>	< 2030	< 2000	< 5360	< 2160	< 2650	< 2550	< 1800	< 3300 <sup>UJ</sup>	<b>252000</b>	< 1090	< 6550
PZ-2103 DUP	1/25/2023	<b>13700</b>	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	<b>198000</b>	< 872	< 5240
PZ-2103 DUP	4/26/2023	<b>13500<sup>J</sup></b>	< 650	< 639	< 1710	< 691	< 848	< 817	< 576	< 1060	<b>185000<sup>J</sup></b>	< 349	< 2100
MW-2104	12/14/2020	5.4	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	0.85 <sup>J</sup>	0.44 <sup>J</sup>	< 0.57 <sup>U</sup>	< 1.5
MW-2104	4/8/2021	3.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.53 <sup>J</sup>	< 0.32	<b>0.57<sup>J</sup></b>	< 1.0
MW-2104	2/23/2022	1.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.38 <sup>J</sup>	<b>0.60<sup>J</sup></b>	< 1.0
MW-2104	3/21/2022	2.5	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.59 <sup>J</sup>	< 0.32	<b>0.90<sup>J</sup></b>	< 1.0
MW-2104	4/27/2022	1.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.80<sup>J+</sup></b>	< 1.0
MW-2104	7/25/2022	2.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.61 <sup>J</sup>	0.39 <sup>J</sup>	<b>0.87<sup>J</sup></b>	< 1.0
MW-2104	10/24/2022	2.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.94<sup>J</sup></b>	< 1.0
MW-2104	1/23/2023	2.2	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.64<sup>J</sup></b>	< 1.0
MW-2104	4/25/2023	2.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
MW-2105	12/14/2020	<u>12.9</u>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	<u>3.6</u>	<b>2.5</b>	4.9
MW-2105	4/8/2021	3.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>1.4</u>	<b>2.4</b>	4.8
MW-2105	2/23/2022	5.9	< 0.33	< 0.32	< 0.86	0.47 <sup>J</sup>	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.59<sup>J</sup></u>	<b>2.6</b>	< 1.0
MW-2105	3/23/2022	<b>70.6</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.3	<b>7.8</b>	< 0.17	< 1.0
MW-2105	4/26/2022	<u>21.9</u>	< 0.33	< 0.32	1	1.2	0.98 <sup>J</sup>	< 0.41	< 0.29	0.54 <sup>J</sup>	<u>3</u>	<b>5</b>	2.6 <sup>J</sup>
MW-2105	7/26/2022	<u>44.8</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<b>9.5</b>	<b>2.4</b>	< 1.0
MW-2105	10/24/2022	5	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.51<sup>J</sup></u>	<b>3.4</b>	< 1.0
MW-2105	1/23/2023	<u>21.9</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>3.1</u>	< 0.17	< 1.0
MW-2105	4/24/2023	<b>107</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.64 <sup>J</sup>	<b>12.3</b>	<b>5</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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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



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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Date													
PZ-2105	12/14/2020	2.8	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	<u>2.5</u>	< 0.17	< 1.5
PZ-2105	4/8/2021	1.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>1.2</u>	< 0.17	< 1.0
PZ-2105	2/22/2022	1.2	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.86</u> <sup>J</sup>	< 0.17	< 1.0
PZ-2105	3/22/2022	1.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.78</u> <sup>J</sup>	< 0.17	< 1.0
PZ-2105	4/26/2022	1.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.82</u> <sup>J</sup>	< 0.17	< 1.0
PZ-2105	7/26/2022	0.98 <sup>J</sup>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.72</u> <sup>J</sup>	< 0.17	< 1.0
PZ-2105	10/24/2022	1.1	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>1.5</u>	< 0.17	< 1.0
PZ-2105	1/23/2023	0.97 <sup>J</sup>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.98</u> <sup>J</sup>	< 0.17	< 1.0
PZ-2105	4/24/2023	0.86 <sup>J</sup>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.47 <sup>J</sup>	< 0.17	< 1.0
MW-2106	12/14/2020	<b>237</b>	< 6.4	< 11.6	< 14.2	< 16.2	< 17.0	< 6.5	< 5.4	< 9.3	< 5.1	<b>1630</b>	< 30.0
MW-2106	4/8/2021	<b>68.5</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>1250</b>	< 21.0
MW-2106	2/21/2022	<b>713</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>4480</b>	< 21.0
MW-2106	3/21/2022	<b>350</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>3940</b>	< 21.0
MW-2106	4/27/2022	<b>224</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>3100</b>	< 21.0
MW-2106	7/26/2022	<b>128</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>2360</b>	< 21.0
MW-2106	10/27/2022	<b>87.2</b>	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	<b>1720</b>	< 21.0
MW-2106	1/23/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.9</b>	< 1.0
MW-2106	4/24/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>65.9</b>	< 1.0
MW-2107	12/9/2020	<u>8.8</u>	< 0.80	< 1.5	< 1.8	< 2.0	< 2.1	< 0.82	< 0.67	< 1.2	< 0.64	<b>293</b>	< 3.8
MW-2107	4/7/2021	3.5	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>533</b>	< 2.6
MW-2107	2/21/2022	<u>14.2</u>	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>271</b>	< 2.6
MW-2107	3/21/2022	<u>10.1</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.47 <sup>J</sup>	< 0.53	< 0.32	<b>253</b>	< 1.0
MW-2107	4/26/2022	1.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.39 <sup>J</sup>	< 0.53	< 0.32	<b>2.8</b>	< 1.0
MW-2107	7/25/2022	<u>12.3</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34 <sup>J</sup>	< 0.53	< 0.32	<b>286</b>	< 1.0
MW-2107	10/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.67 <sup>J</sup>	< 0.53	< 0.32	<b>16.5</b>	1.1 <sup>J</sup>
MW-2107	1/24/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.30 <sup>J</sup>	< 0.53	< 0.32	<u>0.18</u> <sup>J</sup>	< 1.0
MW-2107	4/26/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.1</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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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	<b>5.8</b>
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
PZ-2107	12/9/2020	<b>3680</b>	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	<u>51.9</u>	< 2.6	<b>1340</b>	< 15.0
PZ-2107	4/8/2021	<b>1150</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>21.5</u>	< 3.2	<b>177</b>	< 10.5
PZ-2107	2/22/2022	<b>78.4</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.6	< 0.32	<b>3.5</b>	< 1.0
PZ-2107	3/22/2022	<b>838</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	14.2	< 0.32	<b>903</b>	< 1.0
PZ-2107	4/26/2022	<b>692</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	14.1	< 3.2	<b>83.3</b>	< 10.5
PZ-2107	7/25/2022	<b>636</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	11.6	< 3.2	<b>376</b>	< 10.5
PZ-2107	10/27/2022	<b>1040</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	7.7 <sup>J</sup>	< 3.2	<b>1100</b>	< 10.5
PZ-2107	1/24/2023	<b>543</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	<b>94.7</b>	< 10.5
PZ-2107	4/26/2023	<b>319</b>	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	4.4	< 1.3	<b>16.6</b>	< 4.2
MW-2108	12/9/2020	< 0.27	2.1 <sup>J+</sup>	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	0.74 <sup>J</sup>	< 0.46	< 0.26	2.3 <sup>J+</sup>	3.4
MW-2108	4/7/2021	< 0.47	1.3 <sup>J+</sup>	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.57 <sup>J</sup>	< 0.53	< 0.32	2.4 <sup>J+</sup>	2.0 <sup>J</sup>
MW-2108	2/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.8</b>	< 1.0
MW-2108	3/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
MW-2108	4/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.1</b>	< 1.0
MW-2108	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
MW-2108	10/24/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
MW-2108	1/23/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
MW-2108	4/25/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4</b>	< 1.0
MW-2109	12/9/2020	<b>87.4</b>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	1.3 <sup>J</sup>	< 0.26	<b>27.7</b>	< 1.5
MW-2109	4/7/2021	<b>172</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.2	< 0.32	<b>51.6</b>	< 1.0
MW-2109	2/21/2022	<b>96.8</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.1	< 0.32	<b>81.1</b>	< 1.0
MW-2109	3/21/2022	<b>105</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.1	< 0.32	<b>77.3</b>	< 1.0
MW-2109	4/26/2022	<u>39.4</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.84 <sup>J</sup>	< 0.32	<b>18.8</b>	< 1.0
MW-2109	7/25/2022	<b>99.6</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	2.2	< 0.32	<b>70.4</b>	< 1.0
MW-2109	10/26/2022	<b>85.1</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.5	< 0.32	<b>98</b>	< 1.0
MW-2109	1/24/2023	<b>74.3</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.92 <sup>J</sup>	< 0.32	<b>90.8</b>	< 1.0
MW-2109	4/25/2023	4.8	< 0.33	< 0.32	< 0.86	< 0.35	< 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**

	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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
PZ-2109	12/9/2020	<u>11.3</u>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	<b>9.3</b>	< 1.5
PZ-2109	4/7/2021	<u>8.7</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.4<sup>J+</sup></b>	< 1.0
PZ-2109	2/21/2022	4.8	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>11.2</b>	< 1.0
PZ-2109	3/21/2022	3.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>10</b>	< 1.0
PZ-2109	4/26/2022	1.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.7</b>	< 1.0
PZ-2109	7/25/2022	3.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>12.8</b>	< 1.0
PZ-2109	10/26/2022	3.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53 <sup>UJ</sup>	< 0.32	<b>12.9</b>	< 1.0
PZ-2109	1/24/2023	1.8	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.9</b>	< 1.0
PZ-2109	4/25/2023	2.1	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>14</b>	< 1.0
MW-2110	12/15/2020	<u>8.4</u>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	<b>5.3</b>	< 1.5
MW-2110	4/7/2021	2.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 2.1 <sup>U</sup>	< 1.0
MW-2110	2/21/2022	<u>7.6</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.8</b>	< 1.0
MW-2110	3/21/2022	<u>8.5</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.7</b>	< 1.0
MW-2110	4/27/2022	2.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.3</b>	< 1.0
MW-2110	7/25/2022	5.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>6.6</b>	< 1.0
MW-2110	10/27/2022	<u>9.5</u>	< 0.33	<b>0.38<sup>J</sup></b>	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.9</b>	< 1.0
MW-2110	1/24/2023	5.5	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.7</b>	< 1.0
MW-2110	4/26/2023	3.8	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>6.1</b>	< 1.0
PZ-2110	12/8/2020	< 0.27	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
PZ-2110	4/7/2021	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2110	2/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2110	3/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2110	4/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2110	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2110	10/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17	< 1.0
PZ-2110	1/24/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2110	4/26/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 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**

	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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
MW-2111	12/11/2020	< 34.1	< 30.6	< 35.0	< 105	< 109	< 88.2	< 78.5	< 30.8	< 45.5	< 168	< 159
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
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
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
MW-2111	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>4.1</u>	< 0.42	< 1.4	< 1.2
MW-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.4</u>	< 0.42	< 1.4	< 1.2
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
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
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
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
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
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
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
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
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
PZ-2111	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.32</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2
PZ-2111	1/25/2023	< 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	< 1.2
PZ-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.39</u> <sup>J</sup>	< 0.42	<u>3.7</u> <sup>J</sup>	< 0.50
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
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
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
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
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
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
MW-2112	7/25/2022	< 0.30	<u>1.1</u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.42</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2
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
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
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

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
MW-2111	12/11/2020	<b>742</b>	< 39.8	< 72.6	< 88.5	< 101	< 106	< 40.8	< 33.7	<u>80.9<sup>J</sup></u>	<b>8210</b>	< 21.8	< 188
MW-2111	4/8/2021	<b>579</b>	< 40.6	< 39.9	< 107	< 43.2	< 53.0	< 51.1	< 36.0	< 66.0	<b>5340</b>	<b>34.8<sup>J</sup></b>	< 131
MW-2111	2/24/2022	<b>191</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	<b>0.32<sup>J</sup></b>	<b>0.82<sup>J</sup></b>	<b>25.1</b>	<b>5.5</b>	< 1.0
MW-2111	3/23/2022	<b>362</b>	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	< 2.1	<b>7.9</b>	<b>5.9</b>	< 4.2
MW-2111	4/26/2022	<u>31.3</u>	<b>0.37<sup>J</sup></b>	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	<b>2.2</b>	< 0.53	<b>20.5</b>	< 0.17	< 1.0
MW-2111	7/26/2022	<b>801</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	<b>0.34<sup>J</sup></b>	<b>0.64<sup>J</sup></b>	<u>1.3</u>	<b>13.9</b>	< 1.0
MW-2111	10/27/2022	<b>1250</b>	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	< 2.6	< 1.6	<b>78.6</b>	< 5.2
MW-2111	1/25/2023	<b>2070</b>	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	<b>2.7<sup>J</sup></b>	< 1.6	<b>411</b>	< 5.2
MW-2111	4/26/2023	<u>18.3</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	<b>0.31<sup>J</sup></b>	< 0.53	<u>0.80<sup>J</sup></u>	<b>2.7</b>	< 1.0
PZ-2111	12/11/2020	<b>2810</b>	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	<b>248</b>	<b>1550</b>	<b>77.8</b>	< 15.0
PZ-2111	4/8/2021	<b>1040</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>67.2</u>	<b>215</b>	<b>22.1</b>	< 10.5
PZ-2111	2/23/2022	<b>140</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	<b>2.9</b>	<u>1.6<sup>J</sup></u>	<b>43.1</b>	< 2.1
PZ-2111	3/23/2022	<b>125</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>23.7</b>	< 2.1
PZ-2111	4/26/2022	<b>99.1</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>11.2</b>	< 2.1
PZ-2111	7/26/2022	<u>51.1</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<b>0.41<sup>J</sup></b>	<b>3.9</b>	< 1.0
PZ-2111	10/27/2022	<u>35.6</u>	< 0.33	<b>0.4<sup>J</sup></b>	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	<b>0.83<sup>J</sup></b>	<u>1.2</u>	<b>4.4</b>	< 1.0
PZ-2111	1/25/2023	<u>12.6</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.8</b>	< 1.0
PZ-2111	4/26/2023	<b>6.9</b>	<b>0.60<sup>J</sup></b>	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.71<sup>J</sup></u>	< 0.17	< 1.0
MW-2112	12/15/2020	<b>809</b>	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	<b>8.5<sup>J</sup></b>	< 2.6	<b>305</b>	< 15.0
MW-2112 DUP	12/15/2020	<b>761</b>	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	<b>6.8<sup>J</sup></b>	< 2.6	<b>302</b>	< 15.0
MW-2112	4/8/2021	<b>641</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>13.4</b>	< 3.2	<b>282</b>	< 10.5
MW-2112	2/22/2022	<b>683</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>6.5<sup>J</sup></b>	< 3.2	<b>407</b>	< 10.5
MW-2112	3/21/2022	<b>682</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>5.5<sup>J</sup></b>	< 3.2	<b>440</b>	< 10.5
MW-2112	4/26/2022	<b>369</b>	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	<b>3.7<sup>J</sup></b>	<u>1.4<sup>J</sup></u>	<b>301</b>	< 4.2
MW-2112	7/25/2022	<b>739</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	<b>4.1</b>	< 0.32	<b>412</b>	< 1.0
MW-2112	10/27/2022	<b>587</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>5.4<sup>J</sup></b>	< 3.2	<b>373</b>	< 10.5
MW-2112	1/24/2023	<b>516</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<b>14.4</b>	< 3.2	<b>332</b>	< 10.5
MW-2112	4/25/2023	<b>220</b>	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	<b>1.7<sup>J</sup></b>	< 0.64	<b>171</b>	< 2.1

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

Sample Location	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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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>
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
PZ-2113	3/23/2022	< 0.59	<u>2.5</u>	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.90</u> <sup>J</sup>	< 0.83	< 2.8	< 2.4
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
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
PZ-2113	10/27/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.85</u> <sup>J</sup>	< 0.83	< 2.8	< 2.4
PZ-2113	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.1</u>	< 0.42	< 1.4	< 1.2
PZ-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.96</u> <sup>J</sup>	< 0.42	< 1.4	< 0.50



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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
PZ-2112	12/15/2020	1	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	0.27 <sup>J</sup>	4.6 <sup>J</sup>	< 1.5
PZ-2112 DUP	12/15/2020	0.84 <sup>J</sup>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	0.26 <sup>J</sup>	1.7 <sup>J+</sup>	< 1.5
PZ-2112	4/8/2021	< 0.47 <sup>UJ</sup>	< 0.33 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29 <sup>UJ</sup>	< 0.53 <sup>UJ</sup>	0.46 <sup>J-</sup>	1.1 <sup>J-</sup>	< 1.0 <sup>UJ</sup>
PZ-2112	2/22/2022	0.59 <sup>J</sup>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2112	3/21/2022	0.58 <sup>J</sup>	< 0.33	0.54 <sup>J</sup>	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2112	4/26/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2112	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	0.45 <sup>J</sup>	< 1.0
PZ-2112	10/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2112	1/24/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2112	4/25/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
MW-2113	12/14/2020	321	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	38.7	2.9	706	< 1.5
MW-2113	4/8/2021	14	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	781	< 10.5
MW-2113	2/23/2022	716	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	73	< 3.2	1660	< 10.5
MW-2113	3/22/2022	707	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	78.2	< 3.2	3550	< 10.5
MW-2113	4/26/2022	108	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	25	< 6.4	2040	< 21.0
MW-2113	7/26/2022	24.1	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	10.7	< 3.2	1300	< 10.5
MW-2113	10/27/2022	269	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	38.8 <sup>J-</sup>	< 1.3	3050	< 4.2
MW-2113	1/25/2023	376	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	31.9	< 8.0	1710	< 26.2
MW-2113	4/26/2023	682	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	28.4	0.57 <sup>J-</sup>	1010	< 1.0
PZ-2113	12/14/2020	16000	< 31.9	< 58.1	< 70.8	< 81.1	< 84.9	< 32.6	< 26.9	1760	5060	286	< 150
PZ-2113	4/9/2021	11800	< 40.6	< 39.9	< 107	< 43.2	< 53.0	< 51.1	< 36.0	1270	4240	126	< 131
PZ-2113	2/24/2022	2740	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	46.5	6.9 <sup>J</sup>	359	< 21.0
PZ-2113	3/23/2022	2920	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	38.9	1.3 <sup>J</sup>	888	< 2.1
PZ-2113	4/26/2022	888	< 13.0	< 12.8	< 34.3	< 13.8	< 17.0	< 16.3	< 11.5	27.7 <sup>J</sup>	< 12.8	2090	< 41.9
PZ-2113	7/26/2022	108	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	14.7	1.8 <sup>J</sup>	835	< 5.2
PZ-2113	10/27/2022	40.9	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	12 <sup>J-</sup>	< 0.64	177	< 2.1
PZ-2113	1/25/2023	7.8	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34 <sup>J</sup>	7.1	0.40 <sup>J</sup>	47	< 1.0
PZ-2113	4/26/2023	8.1	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.44 <sup>J</sup>	2.8	0.37 <sup>J</sup>	35.8	< 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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
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
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
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
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
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
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
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
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
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
PZ-2114	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	0.49 <sup>J</sup>	< 1.4	3.6 <sup>J</sup>
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
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
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
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
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
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
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
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
MW-61	12/11/2020	< 2.7	5.3 <sup>J</sup>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	12.4	< 3.6	< 13.4	< 12.7
MW-61	4/8/2021	< 3.0	6.0 <sup>J</sup>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	11	< 4.2	< 13.8	< 11.8
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
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
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
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
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
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
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

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

Sample Location	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
MW-2114	12/14/2020	<u>7.6</u>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	0.51 <sup>J</sup>	< 0.26	<b>4.7</b>	< 1.5
MW-2114	4/7/2021	<u>9.5</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.66 <sup>J</sup>	< 0.32	<b>7.3<sup>J+</sup></b>	< 1.0
MW-2114	2/21/2022	4.5	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.2</b>	< 1.0
MW-2114	3/21/2022	3.1	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.5</b>	< 1.0
MW-2114	4/26/2022	4.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7</b>	< 1.0
MW-2114	7/25/2022	5.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.4</b>	< 1.0
MW-2114	10/24/2022	<u>7.8</u>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.1</b>	< 1.0
MW-2114	1/24/2023	4.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.9</b>	< 1.0
MW-2114	4/26/2023	5.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.5</b>	< 1.0
PZ-2114	12/14/2020	< 0.27	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.25 <sup>U</sup>	< 1.5
PZ-2114	4/7/2021	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2114	2/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2114	3/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2114	4/26/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2114	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2114	10/24/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
PZ-2114	1/24/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.53<sup>J</sup></b>	< 1.0
PZ-2114	4/26/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
MW-61	6/15/2017	<b>1420</b>	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	<u>42.6</u>	<b>61.4</b>	<b>760</b>	< 37.5
MW-61	3/21/2018	<b>2540</b>	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	<b>104</b>	<b>3280</b>	< 37.5
MW-61	12/11/2020	<b>1850</b>	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	<u>37.2</u>	<b>124</b>	<b>1150</b>	< 15.0
MW-61	4/8/2021	<b>3080</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>73.7</u>	<b>176</b>	<b>1170</b>	< 10.5
MW-61	2/23/2022	<b>259</b>	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	<b>2.8</b>	<b>13.7</b>	<b>53.1</b>	< 2.6
MW-61	3/22/2022	<b>8570</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>22.8</u>	<b>18</b>	<b>2710</b>	< 10.5
MW-61	4/27/2022	<u>58.8<sup>J</sup></u>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2 <sup>UJ</sup>	<b>543</b>	< 10.5
MW-61	7/25/2022	<b>4720</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>37.2</u>	<b>168</b>	<b>3020</b>	< 10.5
MW-61	10/27/2022	<b>1010</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>8.2<sup>J</sup></u>	<b>9<sup>J</sup></b>	<b>680</b>	< 10.5
MW-61	1/24/2023	<b>121</b>	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>246</b>	< 2.6
MW-61	4/26/2023	<b>1140</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>7.1<sup>J</sup></u>	<b>10.2</b>	<b>1040</b>	< 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
	ES	850	7	5	480	480	600	600	5	0.6	400	6
	PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
	Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date											
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
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
MW-61 DUP	4/27/2022	< 0.30	<u>3.2</u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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
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
PZ-61	6/15/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125
PZ-61	9/13/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125
PZ-61	3/21/2018	< 2.4	< 4.1	< 1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 3.7	< 25
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
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
PZ-61	2/21/2022	< 0.30	<u>4.6</u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>2.8</u>	< 0.42	< 1.4	< 1.2
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
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
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
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
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
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
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
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
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
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
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

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

	Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
	ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
	PAL	7	140	0.5	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
Sample Location	Sample Date												
MW-61 DUP	6/15/2017	<b>1280</b>	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	<u>44.7</u>	<b>68.6</b>	<b>752</b>	< 37.5
MW-61 DUP	3/21/2018	<b>2560</b>	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	<b>116</b>	<b>3140</b>	< 37.5
MW-61 DUP	4/27/2022	<b>154<sup>J</sup></b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	2.1	<b>40.5<sup>J</sup></b>	<b>707</b>	< 1.0
MW-61 DUP	7/25/2022	<b>4670</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>46.2</u>	<b>167</b>	<b>3030</b>	< 10.5
MW-61 DUP	10/27/2022	<b>1070</b>	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	<b>7<sup>J</sup></b>	<b>679</b>	< 10.5
PZ-61	6/15/2017	<b>5290</b>	< 25	< 11.6	< 25	< 25	< 109	< 25	32.5 <sup>J</sup>	<u>78</u>	<b>251</b>	<b>272</b>	< 75
PZ-61	9/13/2017	<b>2880</b>	< 25	< 11.6	< 25	< 25	< 109	< 25	< 25	< 12.8	<b>37.9<sup>J</sup></b>	<b>203</b>	< 75
PZ-61	3/21/2018	<b>1210</b>	< 5	< 2.3	< 5	< 5	< 21.9	< 5	< 5	< 2.6	<u>4.2<sup>J</sup></u>	<b>81.2</b>	< 15
PZ-61	12/11/2020	0.61 <sup>J</sup>	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	1.5	< 0.46	< 0.26	< 0.34 <sup>U</sup>	< 1.5
PZ-61	4/7/2021	2.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1	< 0.53	<u>0.77<sup>J</sup></u>	< 0.27 <sup>U</sup>	< 1.0
PZ-61	2/21/2022	<b>1230</b>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	7	<b>31.2</b>	<b>270</b>	< 1.0
PZ-61	3/21/2022	2.2	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.4	< 0.53	< 0.32	< 0.17	< 1.0
PZ-61	4/27/2022	1.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.5	< 0.53	< 0.32	< 0.17	< 1.0
PZ-61	7/25/2022	2.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.1	< 0.53	< 0.32	<b>0.66<sup>J</sup></b>	< 1.0
PZ-61	10/27/2022	2.1	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.92 <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0
PZ-61	1/24/2023	1.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.2	< 0.53	< 0.32	< 0.17	< 1.0
PZ-61	4/26/2023	0.65 <sup>J</sup>	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.42 <sup>J</sup>	< 0.53	< 0.32	< 0.17	< 1.0
PZ-75	6/14/2017	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	<b>18.6</b>	< 1.5
PZ-75	9/14/2017	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	<b>65.1</b>	< 1.5
PZ-75	3/22/2018	< 1.3	< 2.5	< 1.2	< 2.5	< 2.5	< 10.9	< 2.5	< 2.5	< 1.3	< 1.7	<b>673</b>	< 7.5
PZ-75	12/11/2020	< 0.27	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
PZ-75	4/8/2021	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	52.6	< 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> = Qualified nondetect due to contamination

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

Sample Location	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		
Sample Location	Sample Date																		
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	<u>192</u>	< 1.2	7.7	4.5 <sup>J</sup>	< 1.2	182	
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	
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	
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	
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	
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	
MW-2101	10/27/2022	0.24	0.0015 <sup>J</sup>	< 0.00024	< 0.00028	<b>38</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	
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	
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>UU</sup>	234	84.3	173	17900	
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	
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	
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	
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	
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	
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	
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>	
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	
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	
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	
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	
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	
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	
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	
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>JA</sup>	< 2.2	< 12.0	1570	7.1	12.5	6640	
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>JA</sup>	1870	<u>176<sup>J</sup></u>	< 4.4	< 1.2	699	6.3	32.1	8980	
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	
MW-2102	4/25/2023	0.018	< 0.0010	< 0.00024	0.0027	<b>2</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	
MW-2103	12/14/2020	0.066	< 0.0010	< 0.00062 <sup>J</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	
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	11.4	52.5	464	
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	
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	
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	
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>JA</sup>	450	<u>146</u>	17.1 <sup>JA</sup>	1.6 <sup>J</sup>	142 <sup>JA</sup>	1.6 <sup>J</sup>	952	118	
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>JA</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	
MW-2103	1/25/2023	0.099	< 0.0010	< 0.00024	0.0027	<b>6</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	
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	

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Sample Location	Sample Date																	
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>	<i>0.15</i>	<i>0.15</i>	364 <sup>J</sup>	25.0 <sup>J</sup>	<i>130</i>	<i>173</i>	< 1.2	5	5.0 <sup>J</sup>	51.7	129
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>	<i>0.16</i>	<i>0.18</i>	344	23.7 <sup>J</sup>	<i>168</i>	<i>145</i>	< 1.2	6	11.2	51	423
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	<i>174</i>	<b>712</b>	< 1.2	402	4.6 <sup>J</sup>	19.5	34.5
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	<i>202</i>	<i>227</i>	< 1.2	290	1.3 <sup>J</sup>	10.8	34.1
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	<i>187</i>	<b>333</b>	4.6	231	3.7 <sup>J</sup>	36	88.7
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	<i>146</i>	18.8 <sup>J</sup>	2.2 <sup>J</sup>	134 <sup>J</sup>	1.7 <sup>J</sup>	928	125
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>	<i>133<sup>J</sup></i>	123	< 1.2	6.4	5.7	1140	1330
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	<i>205</i>	<b>1060</b>	< 1.2	14.4	6.9	540	2170
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	<i>160</i>	<b>1190</b>	< 1.2	18.9	12.1	295	7830
PZ-2103	12/14/2020	0.12	< 0.0010	< 0.00024	0.002	0.10 <sup>J</sup>	0.075 <sup>J</sup>	<i>0.079</i>	<i>0.075</i>	296	32.7 <sup>J</sup>	<i>224</i>	<i>208</i>	< 1.2	3.7	1.3 <sup>J</sup>	6.8	21.2
PZ-2103	4/9/2021	0.081	< 0.0010	< 0.00024	0.0022	< 0.058	0.065 <sup>J</sup>	<i>0.064</i>	<i>0.063</i>	337	50.7	<i>275</i>	<b>412</b>	< 1.2	3.8	< 1.2	2.4 <sup>J</sup>	11.8
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	<i>245</i>	<b>5220</b>	< 1.2	2260	218	2190	45.8
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	<i>472</i>	<b>5930</b>	1.2	1150	386	2460	81
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	<i>476</i>	<b>9980</b>	1.8 <sup>J</sup>	1110	254	2450	53.9
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
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</b>	<b>1.5</b>	<b>1.9</b>	5410 <sup>J</sup>	5060	<i>777<sup>J</sup></i>	<b>19500</b>	2.2 <sup>J</sup>	1020	98.3	1860	29.4
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	<i>833<sup>J</sup></i>	<b>14500</b>	< 1.2	2130	291	2680 <sup>J</sup>	65.9
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	<i>906<sup>J</sup></i>	<b>13100</b>	< 12.0	1930	339 <sup>J</sup>	11300 <sup>J</sup>	55.0 <sup>J</sup>
PZ-2103 DUP	12/14/2020	0.11	< 0.0010	< 0.00024	0.0021	< 0.058	< 0.058	<i>0.069</i>	<i>0.065</i>	297	35.0 <sup>J</sup>	<i>232</i>	<i>216</i>	< 1.2	3.7	< 1.2	4.5 <sup>J</sup>	17.4
PZ-2103 DUP	4/9/2021	0.078	< 0.0010	< 0.00024	0.0028	< 0.058	0.065 <sup>J</sup>	<i>0.061</i>	<i>0.062</i>	335	41.7 <sup>J</sup>	<i>273</i>	<b>394</b>	< 1.2	3.8	< 1.2	2.6 <sup>J</sup>	14.3
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	<i>276</i>	<b>5540</b>	< 1.2	2050	232	2550	50.3
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	<i>458</i>	<b>6040</b>	2.4	1210	359	2540	70.4
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	<i>523</i>	<b>9750</b>	2.2 <sup>J</sup>	1090	321	2500	67.7
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	<i>528</i>	<b>12700<sup>J</sup></b>	24.0 <sup>J</sup>	780 <sup>J</sup>	291	2480 <sup>J</sup>	69.7
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>J</sup>	4650	<i>730<sup>J</sup></i>	<b>18200</b>	< 1.2	1020	106	2070	32.1
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</b>	4670	8680	<i>802<sup>J</sup></i>	<b>14300</b>	2.0 <sup>J</sup>	2070	322	3910 <sup>J</sup>	73.1
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	<i>901<sup>J</sup></i>	<b>13000</b>	12.0 <sup>J</sup>	1910	170 <sup>J</sup>	6890 <sup>J</sup>	25.6 <sup>J</sup>
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
MW-2104	4/8/2021	0.06	< 0.0010	< 0.00024	0.0019	<b>3.4</b>	<b>3.4</b>	<i>0.26</i>	<i>0.27</i>	395	43.9 <sup>J</sup>	<i>354</i>	<b>321</b>	< 1.2 <sup>UU</sup>	10	< 1.2	< 1.2	116
MW-2104	2/23/2022	0.041	< 0.0010	< 0.00024	0.0017	<b>2.6</b>	<b>3.3</b>	<i>0.15</i>	<i>0.19</i>	399	58.9	<i>151</i>	<b>272</b>	< 1.2	10.6	< 0.39	< 0.25	138
MW-2104	3/21/2022	0.039	< 0.0010	< 0.00024	0.0024	<b>2.3</b>	<b>3.7</b>	<i>0.2</i>	<i>0.21</i>	386	41.3 <sup>J</sup>	<i>138</i>	<b>277</b>	< 1.2	10.4	< 0.39	< 0.25	209
MW-2105	12/14/2020	0.13	< 0.0010	< 0.00024	0.0024	<b>2</b>	<b>2.5</b>	<i>0.28</i>	<i>0.26</i>	493	91.1	<b>251</b>	107	< 1.2	25.9	7.9	< 1.2	1110
MW-2105	4/8/2021	0.097	< 0.0010	< 0.00024	0.0025	<b>2.1</b>	<b>2.3</b>	<i>0.15</i>	<i>0.16</i>	495	68.6	<i>195</i>	<i>137</i>	< 1.2	18.9	10.4	2.7 <sup>J</sup>	1310
MW-2105	2/23/2022	0.1	< 0.0010	< 0.00024	0.0012	<b>5.3</b>	<b>4.3</b>	<i>0.2</i>	<i>0.16</i>	445	50.1	<i>361</i>	<i>228</i>	< 1.2	16.6	4.2 <sup>J</sup>	2.1 <sup>J</sup>	349
MW-2105	3/23/2022	0.048	< 0.0010	< 0.00024	0.0036	<b>4</b>	<b>3.8</b>	<i>0.15</i>	<i>0.14</i>	439	87.4	81.6	<b>677</b>	< 1.2	24.9	43.1	< 0.25	1420

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Sample Date																		
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>
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</u> <sup>J+</sup>	< 1.2	3.1	< 1.2	< 1.2	< 0.66
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
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
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
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
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
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
MW-2106	4/27/2022	0.24	< 0.0010	< 0.00024	0.002	<b>2.2</b>	<b>3</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
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>J+</sup>	219	75.6	<u>147</u> <sup>J+</sup>	< 1.2	44.2 <sup>J+</sup>	5.7	359	1690
MW-2106	10/27/2022	0.29	< 0.0010	< 0.00024	0.0018	<b>1.7</b>	<b>2</b>	<u>0.27</u>	<u>0.26</u>	653 <sup>J+</sup>	122	69.6	<b>293</b> <sup>J+</sup>	< 1.2	36.1	7.2	559	1620
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
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</b> <sup>J</sup>	< 1.2	27.5	1.7 <sup>J</sup>	29.5	979
MW-2107	12/9/2020	0.24	< 0.0010	< 0.00024	0.0024	<b>1.1</b>	<b>1</b>	<u>0.18</u>	<u>0.17</u>	292	52.9	40.3	<u>161</u>	< 1.2	16.3	8.2	17.8	493
MW-2107	4/7/2021	0.25	< 0.0010	< 0.00024	0.0024	<b>1.7</b>	<b>2.1</b>	<u>0.18</u>	<u>0.19</u>	324	43.9 <sup>J</sup>	64.7	<u>149</u>	< 1.2	13.6	10.6	54.9	1490
MW-2107	2/21/2022	0.18	< 0.0010	< 0.00024	0.0016	<b>137</b>	<b>140</b>	<u>0.2</u>	<u>0.2</u>	647	1250	49.4	< 2.2	< 1.2	414	163	333	3640
MW-2107	3/21/2022	0.15	< 0.0010	< 0.00024	0.0021	<b>86.6</b>	<b>87.6</b>	<u>0.18</u>	<u>0.15</u>	616	995	49.2	5.1 <sup>J</sup>	< 1.2	375	152	286	4590
MW-2107	4/26/2022	0.019	0.0031 <sup>J</sup>	< 0.00024	0.0017	<b>46.7</b>	<b>49.7</b>	<b>0.41</b>	<b>0.46</b>	355 <sup>J+</sup>	282	28.5	<b>1170</b>	< 1.2	89.9	18	8.4	3030
MW-2107	7/25/2022	0.051	< 0.0010	< 0.00024	0.0013	<b>66.6</b>	<b>70.8</b>	<u>0.13</u>	<u>0.12</u>	590 <sup>J+</sup>	995	44.3 <sup>J+</sup>	5.0 <sup>J</sup>	< 1.2	363	15.1	14.3	3510
MW-2107	10/27/2022	0.077	< 0.0010	< 0.00024	0.0007 <sup>J</sup>	<b>76</b>	<b>71.6</b>	<u>0.1</u>	<u>0.1</u>	646 <sup>J+</sup>	855	43.7	< 4.4	< 1.2	335	37.1	42.3	6740
MW-2107	1/24/2023	0.068	< 0.0010	< 0.00024	0.0014	<b>63.7</b>	<b>52</b>	<u>0.2</u>	<u>0.17</u>	185	132	23.3	<b>2200</b>	< 1.2	33.3	16.7	5.6	5510
MW-2107	4/26/2023	0.013	0.0013 <sup>J</sup>	< 0.00024	0.00095 <sup>J</sup>	<b>32.3</b>	<b>38.7</b>	<u>0.06</u>	<u>0.086</u>	828	160	40.1 <sup>J</sup>	<b>366</b>	< 12.0	43	15.5	3.2 <sup>J</sup>	21300
PZ-2107	12/9/2020	0.1	< 0.0010	< 0.00024	0.0069	< 0.058	< 0.058	<u>0.086</u>	<u>0.085</u>	356	41.7 <sup>J</sup>	<b>431</b>	<b>532</b>	< 1.2	11.9	4.2 <sup>J</sup>	42.8	72.5
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>	<b>428</b>	<b>544</b>	< 1.2	9.5	< 1.2	6.8	17.6
PZ-2107	2/22/2022	0.041	< 0.0010	< 0.00024	0.0015	<b>1.1</b>	0.063 <sup>J</sup>	<u>0.093</u>	0.0037 <sup>J</sup>	121	< 14.7	48.3	45.4	< 1.2	1.8	< 0.39	< 0.25	< 0.58
PZ-2107	3/22/2022	0.049	< 0.0010	< 0.00024	0.0042	<b>0.43</b>	<b>1.7</b>	<u>0.18</u>	<u>0.19</u>	285	22.7 <sup>J</sup>	<b>358</b>	<b>318</b>	< 1.2	5.1	3.2 <sup>J</sup>	26.2	72.2
PZ-2107	4/26/2022	0.047	< 0.0010	< 0.00024	0.0046	0.14 <sup>J</sup>	<b>1.4</b>	0.032	<u>0.067</u>	325 <sup>J+</sup>	20.3 <sup>J</sup>	<b>372</b>	<b>336</b>	< 1.2 <sup>UU</sup>	5.7	0.55 <sup>J</sup>	3.7 <sup>J</sup>	15.3
PZ-2107	7/25/2022	0.052	< 0.0010	< 0.00024	0.0046	<b>2.2</b>	<b>2.6</b>	<u>0.14</u>	<u>0.16</u>	302 <sup>J+</sup>	52.3	<b>406</b> <sup>J+</sup>	<b>293</b>	< 1.2	5.8	2.4 <sup>J</sup>	20.1	108
PZ-2107	10/27/2022	0.054	< 0.0010	< 0.00024	0.0046	<b>1.9</b>	<b>2</b>	<u>0.12</u>	<u>0.12</u>	342 <sup>J+</sup>	< 15.5	<b>416</b>	<b>269</b>	< 1.2	6.3	4.3 <sup>J</sup>	34.4	164
PZ-2107	1/24/2023	0.05	< 0.0010	< 0.00024	0.005	<b>0.49</b>	<b>0.43</b>	<u>0.079</u> <sup>J</sup>	0.048 <sup>J</sup>	323	41.1 <sup>J</sup>	<b>406</b>	<b>260</b>	< 1.2	6.4	0.53 <sup>J</sup>	3.0 <sup>J</sup>	15.1
PZ-2107	4/26/2023	0.045	< 0.0010	< 0.00024	0.0049	< 0.058	<u>0.26</u>	0.01	0.027	353	15.7 <sup>J</sup>	<b>397</b>	<u>236</u>	< 1.2	5.5	< 0.39	1.0 <sup>J</sup>	3.9
MW-2108	12/9/2020	0.053	< 0.0010	< 0.00024	0.0015	<b>0.45</b>	<b>0.41</b>	<u>0.17</u>	<u>0.18</u>	159	28.2 <sup>J</sup>	20	<u>144</u>	1.6 <sup>J</sup>	8.8	3.2 <sup>J</sup>	< 1.2	114
MW-2108	4/7/2021	0.051	< 0.0010	< 0.00024	0.0033	<b>0.41</b>	<b>0.62</b>	<u>0.15</u>	<u>0.16</u>	168	57.4	37.1	105	< 1.2	15.3	1.4 <sup>J</sup>	< 1.2	110
MW-2108	2/21/2022	0.086	< 0.0010	< 0.00024	0.0055	<b>0.79</b>	<b>0.95</b>	<u>0.22</u>	<u>0.21</u>	254	59.7	63.9	95.8	< 1.2	17.3	0.95 <sup>J</sup>	< 0.25	91
MW-2108	3/21/2022	0.082	< 0.0010	< 0.00024	0.0062	<b>0.72</b>	<b>0.91</b>	<u>0.2</u>	<u>0.2</u>	268	80.8	69.2	79	1.2 <sup>J</sup>	18.7	1.4 <sup>J</sup>	< 0.25	169



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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Sample Location	Sample Date																	
MW-2109	12/9/2020	0.13	< 0.0010	< 0.00024	0.0014	<b>0.43</b>	<b>0.34</b>	<u>0.26</u>	<u>0.24</u>	520	26.0 <sup>J</sup>	<b>377</b>	118	< 1.2	4.4	< 1.2	1.4 <sup>J</sup>	161
MW-2109	4/7/2021	0.21	< 0.0010	< 0.00024	0.00062 <sup>J</sup>	<b>1.7</b>	<b>2.2</b>	<u>0.2</u>	<u>0.21</u>	552	23.7 <sup>J</sup>	<b>515</b>	<u>151</u>	< 1.2	4.4	< 1.2	1.4 <sup>J</sup>	140
MW-2109	2/21/2022	0.082	< 0.0010	< 0.00024	0.00096 <sup>J</sup>	<b>2</b>	<b>11.6</b>	<u>0.24</u>	<b>0.31</b>	415	25.0 <sup>J</sup>	<b>372</b>	111	< 1.2	4.6	0.50 <sup>J</sup>	3.9 <sup>J</sup>	59.4
MW-2109	3/21/2022	0.077	< 0.0010	< 0.00024	0.0012	<b>0.96</b>	<b>2.4</b>	<u>0.18</u>	<u>0.22</u>	426	19.3 <sup>J</sup>	<b>386</b>	111	< 1.2	4.1	0.71 <sup>J</sup>	6.3	86.7
PZ-2109	12/9/2020	0.27	< 0.010	< 0.00024	< 0.0028	<b>6</b>	<b>5.4</b>	<u>0.29</u>	<u>0.27</u>	429	84.3	<b>2020</b>	95.6	< 1.2	3.2	2.0 <sup>J</sup>	< 1.2	241
PZ-2109	4/7/2021	0.23	< 0.0010	< 0.0012	0.00049 <sup>J</sup>	<b>4.9</b>	<b>4.8</b>	<u>0.24</u>	<u>0.23</u>	415	100	<b>2160</b>	<u>186</u>	< 1.2	3.3	< 1.2	< 1.2	144
PZ-2109	2/21/2022	0.22	< 0.0010	< 0.00024	0.00034 <sup>J</sup>	<b>5.8</b>	<b>7</b>	<u>0.23</u>	<u>0.25</u>	414	65.5	<b>2190</b>	<u>164</u>	< 1.2	1.7	1.1 <sup>J</sup>	0.82 <sup>J</sup>	116
PZ-2109	3/21/2022	0.24	0.0025 <sup>J</sup>	< 0.00024	0.00066 <sup>J</sup>	<b>4.9</b>	<b>6</b>	<u>0.24</u>	<u>0.25</u>	427	85.2	<b>2230</b>	<u>153</u>	< 1.2	1.7	1.2 <sup>J</sup>	1.1 <sup>J</sup>	147
MW-2110	12/15/2020	0.074	< 0.0010	< 0.00024	0.0022	<b>1.2</b>	<b>1.2</b>	<u>0.29</u>	<u>0.29</u>	359	19.3 <sup>J</sup>	<u>189</u>	<b>260</b>	< 1.2	2.9	< 1.2	< 1.2	10.4
MW-2110	4/7/2021	0.045	< 0.0010	< 0.00024	0.002	<b>0.59</b>	<b>1.6</b>	<b>0.35</b>	<b>0.39</b>	381	17.0 <sup>J</sup>	<u>174</u>	<b>598</b>	< 1.2	2.9	< 1.2	< 1.2	1.9 <sup>J</sup>
MW-2110	2/21/2022	0.079	< 0.0010	< 0.00024	0.00056 <sup>J</sup>	<b>1.3</b>	<b>2.4</b>	<b>0.35</b>	<b>0.48</b>	322	< 14.7	<u>136</u>	<b>351</b>	< 1.2	2.8	< 0.39	< 0.25	2.2 <sup>J</sup>
MW-2110	3/21/2022	0.087	< 0.0010	< 0.00024	0.00090 <sup>J</sup>	<b>1.3</b>	<b>2.5</b>	<b>0.34</b>	<b>0.37</b>	343	14.9 <sup>J</sup>	109	<b>342</b>	< 1.2	3.2	< 0.39	< 0.25	1.5 <sup>J</sup>
MW-2110	4/27/2022	0.03	< 0.0010	< 0.00024	0.0045	<u>0.29</u>	<b>0.45</b>	<u>0.25</u>	<u>0.29</u>	402	< 15.5	119	<b>603</b>	< 1.2	3	< 0.39	< 0.25	< 0.58
MW-2110	7/25/2022	0.075	< 0.0010	< 0.00024	0.0019	<b>0.85</b>	<b>1.1</b>	<b>0.37</b>	<b>0.39</b>	371 <sup>J</sup>	< 15.5	<u>169</u> <sup>J</sup>	<b>374</b>	< 1.2	2.8	< 0.39	< 0.25	< 0.58
MW-2110	10/27/2022	0.051	< 0.0010	< 0.00024	0.0004 <sup>J</sup>	<b>0.44</b>	<b>0.56</b>	<u>0.23</u>	<u>0.19</u>	323 <sup>J</sup>	< 15.5	<u>194</u> <sup>J</sup>	<u>194</u>	< 1.2	3	< 0.39	< 0.25	< 1.6 <sup>U</sup>
MW-2110	1/24/2023	0.042	< 0.0010	< 0.00024	0.001	<b>0.36</b>	<b>0.87</b>	<u>0.22</u>	<u>0.23</u>	318	43.2 <sup>J</sup>	<u>158</u>	<b>358</b>	< 1.2	3	< 0.39	< 0.25	< 0.58
MW-2110	4/26/2023	0.022	< 0.0010	< 0.00024	0.0019	<b>0.44</b>	<b>2.1</b>	<u>0.21</u>	<b>0.4</b>	353	< 14.7	111	<b>423</b>	< 1.2	3	< 0.39	< 0.25	2.8
PZ-2110	12/8/2020	0.094	< 0.0010	< 0.00024	0.0031	< 0.058	< 0.23 <sup>U</sup>	<u>0.12</u>	<u>0.099</u>	346	30.5 <sup>J</sup>	<b>512</b>	<b>315</b>	< 1.2 <sup>UU</sup>	3.5	< 1.2	< 1.2	3.4 <sup>J</sup>
PZ-2110	4/7/2021	0.061	< 0.0010	< 0.00024	0.002	<u>0.21</u> <sup>J</sup>	<u>0.19</u> <sup>J</sup>	<u>0.18</u>	<u>0.2</u>	341	19.3 <sup>J</sup>	<b>580</b>	<b>301</b>	< 1.2 <sup>UU</sup>	2.9	< 1.2	< 1.2	4.7
PZ-2110	2/21/2022	0.06	< 0.0010	< 0.00024	0.0012	<b>1.1</b>	<b>1.6</b>	<u>0.24</u>	<u>0.25</u>	330	17.1 <sup>J</sup>	<b>636</b>	<b>282</b>	< 1.2	2.6	< 0.39	< 0.25	3
PZ-2110	3/21/2022	0.062	< 0.0010	< 0.00024	0.0011	<b>1.7</b>	<b>1.7</b>	<u>0.25</u>	<u>0.25</u>	361	15.7 <sup>J</sup>	<b>654</b>	<b>365</b>	< 1.2	2.6	< 0.39	< 0.25	1.9 <sup>J</sup>
PZ-2110	4/27/2022	0.067	< 0.0010	< 0.00024	0.0021	<b>0.93</b>	<b>1.2</b>	<u>0.15</u>	<u>0.14</u>	364	< 15.5	<b>654</b>	<b>371</b>	< 1.2	2.6	< 0.39	< 0.25	< 0.58
PZ-2110	7/25/2022	0.06	< 0.0010	< 0.00024	0.0031	<b>1.1</b>	<b>1.4</b>	<u>0.18</u>	<u>0.19</u>	323 <sup>J</sup>	< 15.5	<b>645</b> <sup>J</sup>	<b>351</b>	< 1.2	2.5	< 0.39	< 0.25	2.2 <sup>J</sup>
PZ-2110	10/27/2022	0.06	< 0.0010	< 0.00024	0.0013	<b>2.7</b>	<b>2.8</b>	<u>0.2</u>	<u>0.2</u>	357 <sup>J</sup>	21 <sup>J</sup>	<b>630</b> <sup>J</sup>	<b>399</b>	< 1.2 <sup>UU</sup>	2.3	< 0.39	< 0.25	5.6
PZ-2110	1/24/2023	0.057	< 0.0010	< 0.00024	0.0012	<b>0.52</b>	<b>1.1</b>	<u>0.065</u>	<u>0.068</u>	300	30.5 <sup>J</sup>	<b>613</b>	<b>343</b>	< 1.2	2.4	< 0.39	< 0.25	< 0.58
PZ-2110	4/26/2023	0.054	< 0.0010	< 0.00024	0.0017	<b>0.91</b>	<b>1.1</b>	<u>0.12</u>	<u>0.13</u>	309	< 14.7	<b>576</b>	<b>343</b>	< 1.2 <sup>UU</sup>	2.3	< 0.39	< 0.25	2.8 <sup>J</sup>
MW-2111	12/11/2020	0.033	< 0.0010	< 0.00024	0.0034	<b>0.34</b>	<b>0.34</b>	<b>0.44</b>	<b>0.42</b>	363	17.0 <sup>J</sup>	38.9	<b>313</b>	< 1.2	4.6	< 1.2	< 1.2	5.1
MW-2111	4/8/2021	0.029	< 0.0010	< 0.00024	0.0046	<u>0.16</u> <sup>J</sup>	<u>0.17</u> <sup>J</sup>	<b>0.37</b>	<b>0.36</b>	357	28.2 <sup>J</sup>	54.6	<b>673</b>	< 1.2	5.3	< 1.2	< 1.2	8.1
MW-2111	2/24/2022	0.055	< 0.0051	< 0.0012	< 0.0014	<b>746</b>	<b>828</b>	<b>0.7</b>	<b>0.7</b>	2760	10600	79.2	93.9	< 1.2	3130	52.2	83.3	200
MW-2111	3/23/2022	0.085	< 0.0051	< 0.0012	< 0.0014	<b>353</b>	<b>328</b>	<b>0.47</b>	<b>0.45</b>	1360	4240	81.2	10.3	< 1.2	1250	121	194	210
MW-2111	4/26/2022	0.071	< 0.010	< 0.00024	< 0.0028	<b>129</b>	<b>117</b>	<b>1.8</b>	<b>2</b>	1260 <sup>J</sup>	2700	40.1 <sup>J</sup>	<b>1420</b> <sup>J</sup>	< 1.2	851	53.7	58.5	219
MW-2111	7/26/2022	0.026	< 0.0020	< 0.00047	< 0.00057	<b>379</b>	<b>459</b>	<b>0.55</b>	<b>0.62</b>	1980 <sup>J</sup>	3860	72.3	< 4.4	< 12.0	1160 <sup>J</sup>	157	255	247

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Sample Location	Sample Date																	
MW-2111	10/27/2022	0.077	< 0.0020	< 0.00047	< 0.00057	<b>430</b>	<b>474</b>	<b>0.64</b>	<b>0.66</b>	1750 <sup>J</sup>	3750	102	< 4.4	3.6 <sup>J</sup>	1310	198	301	461
MW-2111	1/25/2023	0.07	< 0.0051	< 0.0012	< 0.0014	<b>406</b>	<b>423</b>	<b>0.56</b>	<b>0.6</b>	1360	1870	<u>150</u> <sup>J+</sup>	20.3 <sup>J+</sup>	2.8 <sup>J</sup>	979	526	523	981
MW-2111	4/26/2023	0.042	< 0.0010	< 0.00024	<u>0.062</u>	<b>28</b>	<b>40.4</b>	<u>0.26</u> <sup>J</sup>	<u>0.18</u> <sup>J</sup>	433	351	30.0 <sup>J</sup>	<b>1580</b>	< 12.0 <sup>UJ</sup>	104	16.3	11.5	8670
PZ-2111	12/11/2020	0.09	0.0014 <sup>J</sup>	< 0.00024	0.0026	<b>0.66</b>	<b>0.53</b>	<u>0.095</u>	<u>0.088</u>	271	14.8 <sup>J</sup>	71.5	<b>343</b>	< 1.2	3.5	< 1.2	< 1.2	22.1
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>
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
PZ-2111	3/23/2022	<b>2</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
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>
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
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>
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
PZ-2111	4/26/2023	<b>2</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>UJ</sup>	2820	39.3	19.6	7550
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>
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
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
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
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
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
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</b> <sup>J</sup>	< 1.2	17.4	1.9 <sup>J</sup>	38.6	939
MW-2112	1/24/2023	0.07	< 0.0010	< 0.00024	0.0019	<b>3</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
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
W-2112 DU	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>
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>
PZ-2112	4/8/2021	0.044	< 0.0010	<u>0.00080</u> <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>
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
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
PZ-2112	4/26/2022	0.3	< 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
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</u> <sup>J+</sup>	38.0 <sup>J</sup>	1.8 <sup>J</sup>	3.7	< 0.39	< 0.25	1750
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 <sup>J</sup>	3	< 0.39	0.35 <sup>J</sup>	1380
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
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>UJ</sup>	3.1	< 0.39	< 0.25	3500
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>
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
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	<u>245</u>	< 1.2	11.7	3.8 <sup>J</sup>	19.5	1350
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	<u>220</u>	< 1.2	16.7	2.1 <sup>J</sup>	55.8	1310

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N
Sample Location	Sample Date																	
MW-2113	3/22/2022	<u>0.56</u>	< 0.0010	< 0.00024	0.0065	<b>6</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
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
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	<u>214</u> <sup>J+</sup>	2.2 <sup>J</sup>	20.1 <sup>J-</sup>	3.7 <sup>J</sup>	234	4140
MW-2113	10/27/2022	0.2	< 0.0010	< 0.00024	0.0096	<b>4</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
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
MW-2113	4/26/2023	0.11	< 0.0010	< 0.00024	0.0092	<b>3.2</b>	<b>3</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
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
PZ-2113	4/9/2021	0.1	< 0.0010	< 0.00024	0.0016	<b>0.78</b> <sup>J</sup>	<b>0.46</b> <sup>J</sup>	<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
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
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	<u>192</u>	< 4.4	< 1.2	1660	373	563	2920
PZ-2113	4/26/2022	<u>0.87</u>	< 0.0020	< 0.00047	< 0.00057	<b>173</b> <sup>J</sup>	<b>101</b> <sup>J</sup>	<b>0.73</b> <sup>J</sup>	<b>0.47</b> <sup>J</sup>	1400 <sup>J-</sup>	2860	<u>184</u>	9.8 <sup>J</sup>	< 1.2 <sup>UU</sup>	906	266	771	2600
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
PZ-2113	10/27/2022	<u>1.3</u>	< 0.0020	< 0.00047	< 0.00057	<b>184</b> <sup>J</sup>	<b>142</b> <sup>J</sup>	<b>0.6</b>	<b>0.56</b>	1990 <sup>J+</sup>	1920	<b>331</b> <sup>J-</sup>	< 4.4	< 1.2	1310	393	1680	4840
PZ-2113	1/25/2023	<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<b>94</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
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
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
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	2.3 <sup>J</sup>	4400
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	7.1	1830
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
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	<u>168</u>	<u>193</u>	< 1.2	43.6	22.2	68.6	3460
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
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
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	<u>125</u>	<b>290</b>	< 1.2	46	16.2	2.1 <sup>J</sup>	5430
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
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>
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>
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
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	< 0.39	< 0.25	29.7
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
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
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
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
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
MW-61	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	NA	NA	NA
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
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

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N
Sample Location	Sample Date																	
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	74.1	1390
MW-61	12/11/2020	0.25	< 0.0010	< 0.00024	0.00055 <sup>J</sup>	<b>2</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
MW-61	4/8/2021	0.2	< 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
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	< 1.2	8.5	19.6	3.7 <sup>J</sup>	5780
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
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>
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>
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
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	74.3	<u>199</u>	< 1.2	12.8	7.9	82.8	1040
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>	<u>77.5</u>	< 1.2 <sup>UU</sup>	7.4	12.9	80.8	2300
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
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
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>
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>
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
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
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
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
PZ-61	12/11/2020	<u>1.2</u>	< 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>UU</sup>	169	11.4	6.5	5760
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
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
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
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
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
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
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
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
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
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
PZ-75	12/11/2020	0.049	< 0.0010	< 0.00024	0.0014	<b>1.9</b>	<b>1.9</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>UU</sup>	10.4	< 1.2	< 1.2	1240
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>

ug/L = micrograms per liter NE = Not Established

mg/L = milligrams per liter D = Dissolved

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

<sup>U</sup> = Qualified nondetect see data validation memo

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 **are bold**.

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

Analyte		1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
ES		200	850	7	5	70	5	5	100	5	0.2
PAL		40	85	0.7	0.5	7	0.5	0.5	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
Sample Location	Sample Date										
MW-31	5/16/2018	< 5	< 2.4	< 4.1	< 5	<u>27</u>	< 2.3	< 5	15	<b>807</b>	< 1.8
MW-31	10/17/2018	< 0.98	< 1.1	<u>1.3<sup>J</sup></u>	< 0.99	<u>17.9</u>	< 2.3	< 1.3	9.6 <sup>J</sup>	<b>470</b>	< 0.7
MW-31	4/16/2019	< 0.24	0.31 <sup>J</sup>	<u>5.4</u>	< 0.25	<b>99.1</b>	< 0.58	< 0.33	<u>70.6</u>	<b>117</b>	<b>0.37<sup>J</sup></b>
MW-31	10/9/2019	1.1	< 0.27	< 0.24	< 0.25	1.1	< 0.58	< 0.33	< 1.1	<b>239</b>	< 0.17
MW-31	4/15/2020	0.32 <sup>J</sup>	< 0.27	<u>2.2</u>	< 0.25	<u>42.2</u>	< 0.58	< 0.33	<u>26.4</u>	<b>133</b>	< 0.17
MW-31	11/4/2020	< 0.24	0.39 <sup>J</sup>	<u>5.6</u>	< 0.25	<b>115</b>	< 0.58	< 0.33	<u>87.5</u>	<b>180</b>	< 0.17
MW-31	4/9/2021	< 0.61	< 0.59	<u>4.3</u>	< 0.59	<b>70.7</b>	< 0.64	< 0.82	<u>54.5</u>	<b>92.6</b>	< 0.35
MW-31	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>1.7<sup>J</sup></u>	< 0.41	< 0.53	< 0.32	< 0.17
MW-31	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>0.87<sup>J</sup></u>	< 0.41	< 0.53	< 0.32	< 0.17
MW-31	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>0.70<sup>J</sup></u>	< 0.41	< 0.53	< 0.32	< 0.17
MW-31	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-31	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-31	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	0.39 <sup>J</sup>	< 0.41	< 0.53	< 0.32	< 0.17
MW-31	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>5.6</b>
MW-31	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	0.65 <sup>J</sup>	< 0.32	< 0.41	< 0.53	< 0.32	<b>4.0</b>
MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.26	< 0.23	< 0.5	< 0.26	< 0.33	< 0.18
MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 1.1	< 0.26	< 0.17
MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 1.1	< 0.26	< 0.17
MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 1.1	< 0.26	< 0.17
MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.46	< 0.26	< 0.17
MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.46	< 0.26	< 0.17
MW-113	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-113	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-113	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-113	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-113	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-113	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17

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

Analyte		1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	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	70 7 ug/l	5 0.5 ug/l	5 0.5 ug/l	100 20 ug/l	5 0.5 ug/l	0.2 0.02 ug/l
Sample Location	Sample Date										
MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	3.9	< 0.23	< 0.5	0.57 <sup>J</sup>	<b>10.4</b>	<b>8.6</b>
MW-114	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	3.3	< 0.58	< 0.33	< 1.1	< 0.26	<b>14.1</b>
MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.1	< 0.58	< 0.33	< 1.1	< 0.26	<b>10.1</b>
MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	2.4	< 0.58	< 0.33	< 1.1	<b>6.9</b>	<b>10.9</b>
MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.6	< 0.58	< 0.33	< 0.46	< 0.26	<b>10.4</b>
MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.9	< 0.58	< 0.33	< 0.46	< 0.26	<b>12</b>
MW-114	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.5	< 0.32	< 0.41	< 0.53	< 0.32	<b>13.1</b>
MW-114	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.41	< 0.53	< 0.32	<b>18.7</b>
MW-114	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.41	< 0.53	< 0.32	<b>22.2</b>
MW-114	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.41	< 0.53	< 0.32	<b>32</b>
MW-114	4/25/2022	< 0.30	< 0.30	< 0.58	< 0.30	6.7	< 0.32	< 0.41	< 0.53	< 0.32	<b>62</b>
MW-114	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>47.6</b>
MW-114	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>4.3</b>
MW-114	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>2.0</b>
MW-114	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	<b>1.4</b>
MW-114 DUP	5/16/2018	3.4	1.3	< 0.41	< 0.5	4.2	< 0.23	< 0.5	0.68 <sup>J</sup>	<b>11.5</b>	<b>7.8</b>
MW-114 DUP	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	3.3	< 0.58	< 0.33	< 1.1	< 0.26	<b>14.1</b>
MW-114 DUP	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	1.7	< 0.58	< 0.33	< 1.1	< 0.26	<b>10.7</b>
MW-114 DUP	10/9/2019	2.4	1.3	< 0.24	< 0.25	2.7	< 0.58	0.43 <sup>J</sup>	< 1.1	<b>7</b>	<b>9.6</b>
MW-114 DUP	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.33	< 0.46	< 0.26	<b>9.9</b>
MW-114 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.33	< 0.46	< 0.26	<b>10</b>
MW-114 DUP	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.41	< 0.53	< 0.32	<b>12.3</b>
PZ-118	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	4.7	< 0.23	< 0.5	< 0.26	< 0.33	<b>22.1</b>
PZ-118	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	5.2	< 0.58	< 0.33	< 1.1	< 0.26	<b>17.3</b>
PZ-118	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.6	< 0.58	< 0.33	< 1.1	< 0.26	<b>1.8</b>
PZ-118	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	3.9	< 0.58	< 0.33	< 1.1	< 0.26	<b>3.7</b>
PZ-118	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>12.8</u>	< 0.58	< 0.33	< 0.46	< 0.26	<b>4.5</b>

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

Analyte		1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
ES		200	850	7	5	70	5	5	100	5	0.2
PAL		40	85	0.7	0.5	7	0.5	0.5	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
Sample Location	Sample Date										
PZ-118	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>13.8</u>	< 0.58	< 0.33	< 0.46	< 0.26	<b>8.8</b>
PZ-118	4/7/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>6.9</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>3.1</b>
PZ-118	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>6</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>1.9</b>
PZ-118	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>4.4</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>0.83<sup>J</sup></b>
PZ-118	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>2.3</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>1.9</b>
PZ-118	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>2.6</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>1.6</b>
PZ-118	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>2.9</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>2.4</b>
PZ-118	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>7</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>3.1</b>
PZ-118	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	<u>2.8</u>	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-118	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	<u>2.8</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>0.64<sup>J</sup></b>
MW-2201	12/9/2020	< 0.24	<u>9.6</u>	<u>0.53<sup>J</sup></u>	< 0.25	<u>289</u>	< 0.58	< 0.33	<u>35.3</u>	<u>16.1</u>	<u>11.6</u>
MW-2201	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	<u>5.7</u>	< 0.17
MW-2201	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>5.8</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>1.6</b>
MW-2201	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>11.2</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>3.8</b>
MW-2201	2/28/2022	< 0.30	<u>0.46<sup>J</sup></u>	< 0.58	< 0.30	<u>26.3</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>12.7</b>
MW-2201	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>17.6</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>8.9</b>
MW-2201	7/26/2022	< 0.30	<u>2</u>	< 0.58	< 0.30	<u>357</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>316</b>
MW-2201	10/26/2022	< 1.5	< 1.5	< 2.9	< 1.5	<u>245</u>	< 1.6	< 2.0	< 2.6	< 1.6	<b>542</b>
MW-2201	1/24/2023	< 1.5	< 1.5	< 2.9	< 1.5	<u>189</u>	< 1.6	< 2.0	< 2.6	< 1.6	<b>229</b>
MW-2201	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	<u>8.8<sup>J</sup></u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>8.6<sup>J</sup></b>
MW-2201 DUP	12/9/2020	< 0.49	<u>8.6</u>	< 0.49	< 0.49	<u>276</u>	< 1.2	< 0.65	<u>32.6</u>	<u>13.1</u>	<u>10.5</u>
MW-2201 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>0.60<sup>J</sup></u>	< 0.32	< 0.41	< 0.53	<u>5.6</u>	< 0.17
MW-2201 DUP	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>6.3</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>2.1</b>
MW-2201 DUP	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>11</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>4.2</b>
MW-2201 DUP	2/28/2022	< 0.30	<u>0.41<sup>J</sup></u>	< 0.58	< 0.30	<u>25.9</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>12.1</b>
MW-2201 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>18.1</u>	< 0.32	< 0.41	< 0.53	< 0.32	<b>7.9</b>
MW-2201 DUP	7/26/2022	< 0.61	<u>1.9<sup>J</sup></u>	< 1.2	< 0.59	<u>337</u>	< 0.64	< 0.82	<u>1.6<sup>J</sup></u>	< 0.64	<b>279</b>

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

Analyte		1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
ES		200	850	7	5	70	5	5	100	5	0.2
PAL		40	85	0.7	0.5	7	0.5	0.5	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
Sample Location	Sample Date										
MW-2201 DUP	10/26/2022	< 0.61	2.5	< 1.2	< 0.59	<b>246</b>	< 0.64	< 0.82	< 1.1	< 0.64	<b>523</b>
MW-2201 DUP	1/24/2023	< 0.61	1.3 <sup>J</sup>	< 1.2	< 0.59	<b>185</b>	< 0.64	< 0.82	< 1.1	< 0.64	<b>215</b>
MW-2201 DUP	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	<u>12.4</u> <sup>J</sup>	< 0.32	< 0.41	< 0.53	< 0.32	<b>13.6</b> <sup>J</sup>
MW-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>19.2</u>	< 0.58	< 0.33	2.6	< 0.26	<b>3.5</b>
MW-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>9.4</u>	< 0.32	< 0.41	2.2	< 0.32	<b>2.8</b>
MW-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	<u>1.7</u>	< 0.17
MW-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.3	< 0.32	< 0.41	< 0.53	<u>1.5</u>	< 0.17
MW-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.41	< 0.53	<u>1.2</u>	< 0.17
MW-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	<u>1.4</u>	< 0.17
MW-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	<u>1.1</u>	< 0.17
MW-2202	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	0.5 <sup>J</sup>	< 0.32	< 0.41	< 0.53	<u>1</u>	< 0.17
MW-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	<u>1.1</u>	< 0.17
MW-2202	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	<u>0.96</u> <sup>J</sup>	< 0.17
PZ-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>19.2</u>	< 0.58	< 0.33	3.9	< 0.26	< 0.17
PZ-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	2.2	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.8	< 0.32	< 0.41	0.58 <sup>J</sup>	0.36 <sup>J</sup>	<b>3.6</b>
PZ-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.41	0.63 <sup>J</sup>	< 0.32	<b>2.0</b>
PZ-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	0.93 <sup>J</sup>	< 0.32	< 0.41	< 0.53	<u>0.67</u> <sup>J</sup>	< 0.17
PZ-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	0.73 <sup>J</sup>	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2202	10/26/2022	< 0.30	< 0.30	< 0.58	0.39 <sup>J</sup>	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2202	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.46	< 0.26	< 0.17
MW-2203	4/9/2021	< 0.30	0.35 <sup>J</sup>	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17



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

Analyte		1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
ES		200	850	7	5	70	5	5	100	5	0.2
PAL		40	85	0.7	0.5	7	0.5	0.5	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
Sample Location	Sample Date										
MW-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
MW-2203	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.46	< 0.26	< 0.17
PZ-2203	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17
PZ-2203	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.53	< 0.32	< 0.17

Notes:

ug/L = micrograms per liter

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

NE= Not Established

<sup>U</sup> = Qualified nondetect - see data validation memo

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Sample Date																		
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
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>
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
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
MW-31	2/28/2022	<u>0.48</u>	< 0.0010	< 0.00024	< 0.00028	<b>36.2</b>	<b>37</b>	<u>0.15</u>	<u>0.16</u>	855	1110	124	< 2.2	< 1.2	382	34.7	42.5	829
MW-31	4/26/2022	0.23	< 0.0010	< 0.00024	0.00061 <sup>J</sup>	<b>54.8</b>	<b>54</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
MW-31	7/26/2022	<u>0.45</u>	< 0.0010	< 0.00024	< 0.00028	<b>18</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
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
MW-31	1/24/2023	<u>0.47</u>	< 0.0010	< 0.00024	< 0.00028	<b>20.8</b>	<b>21</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
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
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
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
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
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	311
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
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>
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>J+</sup>	28.1 <sup>J+</sup>	< 1.2	91	15.5	354	1040
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>J+</sup>	281	98.1 <sup>J-</sup>	37.8	< 1.2	103	32.3 <sup>J</sup>	599	1030
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
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
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
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>
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
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
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	< 1.2	168	23.1	48.9	385
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	<b>277</b>	< 1.2	6	1.1 <sup>J</sup>	2.0 <sup>J</sup>	91.6 <sup>J</sup>
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>J+</sup>	28.2 <sup>J+</sup>	< 1.2	95.7	17.3	432	1290
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>J+</sup>	279	98.9 <sup>J-</sup>	38.2	< 1.2	99	44.7 <sup>J</sup>	583	939
MW-2201 DUP	1/24/2023	0.057	< 0.0010	< 0.00024	0.0013	<b>9</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	535
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	6	41.3	2140

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

Sample Location	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	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Sample Location	Sample Date																	
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	<u>226</u>	< 1.2	3.1	< 1.2	< 1.2	143
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	<u>233</u>	< 1.2	2.8	< 1.2	< 1.2	157
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
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
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
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</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
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
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
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	14.2	3320
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	4170
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
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
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>
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
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
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	< 1.2	< 1.2	< 1.6 <sup>U</sup>
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	< 1.2	< 1.2	6.1
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
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
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	< 0.39	< 0.25	< 0.58

Notes:  
 ug/L = micrograms per liter                      NE = Not Established  
 mg/L = milligrams per liter                      T = Total      D = Dissolved  
<sup>J</sup> = Estimated value (+/- indicated the direction of bias)  
<sup>U</sup> = Qualified nondetect see data validation memo  
 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 5A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 3**  
**Former Kenosha Engine Plant**

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

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

Sample Location	Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	200	850	7	5	400	70	5	60	800	100	5	0.2
	PAL	40	85	0.7	0.5	80	7	0.5	12	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
Sample Location	Sample Date												
PZ-2301 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
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	< 0.27	0.70 <sup>J</sup>	0.38 <sup>J</sup>	<b>4.9</b>
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	< 0.29	0.73 <sup>J</sup>	<u>3.9</u>	<b>4.6</b>
MW-2302	11/20/2021	0.44 <sup>J</sup>	8.6	< 0.58	< 0.30	20.3	5	<u>3.8<sup>J</sup></u>	< 1.1	< 0.29	< 0.53	<u>1.4</u>	<b>3.8</b>
MW-2302	12/22/2021	1.1	7	< 0.58	< 0.30	2.6 <sup>J</sup>	2.8	<u>2.5<sup>J</sup></u>	< 1.1	< 0.29	< 0.53	<u>2.6</u>	<b>1.5</b>
MW-2302	1/24/2022	0.64 <sup>J</sup>	11.9	< 0.58	< 0.30	5.9	5	<u>3.6<sup>J</sup></u>	< 1.1	< 0.29	< 0.53	<u>2.2</u>	<b>2.5</b>
MW-2302	4/27/2022	2.7	12	< 0.58	< 0.30	< 1.4	<u>19.2</u>	<b>12</b>	< 1.1	< 0.29	< 0.53	<b>6.1</b>	<b>0.75<sup>J</sup></b>
MW-2302	7/26/2022	1.7	83.2	< 0.58	<u>0.51<sup>J</sup></u>	17.3	<u>26.9</u>	<b>93.5</b>	< 1.1	< 0.29	0.67 <sup>J</sup>	<u>4</u>	<b>22.8</b>
MW-2302	10/26/2022	< 0.30 <sup>UJ</sup>	<u>123<sup>J-</sup></u>	< 0.58 <sup>UJ</sup>	<u>0.61<sup>J-</sup></u>	16.5 <sup>J-</sup>	<u>42.8<sup>J-</sup></u>	<b>96.5<sup>J-</sup></b>	< 1.1 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	0.78 <sup>J-</sup>	<u>1.4<sup>J-</sup></u>	<b>21.3<sup>J-</sup></b>
MW-2302	1/23/2023	2.7	3.6	< 0.58	< 0.30	< 1.4	<u>16.4</u>	<u>1.0<sup>J</sup></u>	< 1.1	< 0.29	< 0.53	<b>6.8</b>	<b>0.54<sup>J</sup></b>
MW-2302	4/24/2023	3.2	22.4	< 0.58	< 0.30	8.1	<u>9.9</u>	<u>3.0<sup>J</sup></u>	< 1.1	< 0.29	< 0.53	<u>3.8</u>	<b>2.5</b>
PZ-2302	12/7/2020	< 0.24	0.47 <sup>J</sup>	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 1.2	< 0.27	< 0.46	< 0.26	<b>5.7</b>
PZ-2302	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>3.8</b>
PZ-2302	11/20/2021	< 0.30	0.45 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.34<sup>J</sup></b>
PZ-2302	12/22/2021	< 0.30	0.43 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.35<sup>J</sup></b>
PZ-2302	1/24/2022	< 0.30	0.54 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2302	4/27/2022	< 0.30	0.39 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2302	7/26/2022	< 0.30	0.43 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2302	10/26/2022	< 0.30	0.49 <sup>J</sup>	< 0.58	< 0.30	<b>2.9<sup>J</sup></b>	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2302	1/23/2023	< 0.30	0.44 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
PZ-2302	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17

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

Sample Location	Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	200	850	7	5	400	70	5	60	800	100	5	0.2
	PAL	40	85	0.7	0.5	80	7	0.5	12	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
Sample Location	Sample Date												
MW-2303	12/8/2020	0.63 <sup>J</sup>	1.9 <sup>J</sup>	<u>1.5<sup>J</sup></u>	< 0.49	< 2.7	<b>279</b>	< 1.2	< 2.5	< 0.54	<u>23.7</u>	<b>241</b>	<b>12.4</b>
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>	< 0.58	8.6	<b>141</b>	<b>39.4</b>
MW-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.8	< 0.32	< 1.1	< 0.29	< 0.53	0.42 <sup>J</sup>	<b>5.1</b>
MW-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1	< 0.32	< 1.1	< 0.29	< 0.53	<u>0.54<sup>J</sup></u>	<b>2.2</b>
MW-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.2	< 0.32	< 1.1	< 0.29	< 0.53	<u>0.82<sup>J</sup></u>	<b>3.6</b>
MW-2303	4/27/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2	< 0.32	< 1.1	< 0.29	< 0.53	0.44 <sup>J</sup>	<b>5.3</b>
MW-2303	7/26/2022	< 0.30	1.2	< 0.58	< 0.30	< 1.4	<u>10.4</u>	< 0.32	< 1.1	< 0.29	< 0.53	0.44 <sup>J</sup>	<b>63.7</b>
MW-2303	10/26/2022	< 0.30	0.76 <sup>J</sup>	< 0.58	< 0.30	< 1.4	4.1	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>17.1</b>
MW-2303	1/23/2023	< 0.30	0.33 <sup>J</sup>	< 0.58	< 0.30	< 1.4	1.1	< 0.32	< 1.1	< 0.29	< 0.53	<u>0.55<sup>J</sup></u>	<b>10.2</b>
MW-2303	4/24/2023	< 0.30	0.49 <sup>J</sup>	< 0.58	< 0.30	< 1.4	4.2	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>175</b>
PZ-2303	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	4.6	< 0.58	< 1.2	< 0.27	< 0.46	< 0.26	<b>8.7</b>
PZ-2303	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>9</u>	< 0.32	<u>30.3</u>	< 0.29	< 0.53	< 0.32	<b>13.4</b>
PZ-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>3</b>
PZ-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>2.6</b>
PZ-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>2.6</b>
PZ-2303	4/27/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>4.2</b>
PZ-2303	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>1.1</b>
PZ-2303	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.75<sup>J</sup></b>
PZ-2303	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.32<sup>J</sup></b>
PZ-2303	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.23<sup>J</sup></b>

Notes:

ug/L = micrograms per liter

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

<sup>U</sup> = Qualified nondetect -see data validation memo

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**

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	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	T	T	
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>UJ</sup>	2.5	< 1.2	< 1.2	< 1.8 <sup>J</sup>		
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		
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		
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	405		
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		
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	34.7	2950		
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>JA</sup>	10.5 <sup>JA</sup>	1.6 <sup>J</sup>	13.3	62.5	72.9	6220		
MW-2301	10/26/2022	0.055	< 0.0010 <sup>UJ</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>JA</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>		
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		
MW-2301	4/24/2023	0.081	< 0.0010	< 0.00024	< 0.00028	<b>6.6</b>	<b>16</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>		
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		
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		
MW-2301 DUP	4/26/2022	0.054	< 0.0010	< 0.00024	0.00066 <sup>J</sup>	<b>15</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		
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>JA</sup>	10.9 <sup>JA</sup>	< 1.2	13.8	58.4	67.9	5590		
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>JA</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>		
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		
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>UJ</sup>	7.6	25.1 <sup>J</sup>	76.7 <sup>J</sup>	6660 <sup>J</sup>		
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>UJ</sup>	3.9	< 1.2	5.3	32.3		
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		
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		
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		
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		
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		
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>JA</sup>	< 1.2	43.9 <sup>J</sup>	7.3	5.9	1730		
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>JA</sup>	53.8	24.5 <sup>J</sup>	28.8	< 1.2	19.8	6.6	5.3	1070		
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		
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		
PZ-2301 DUP	4/9/2021	0.055	< 0.0010	< 0.00024	0.0012	0.14 <sup>J</sup>	<u>0.15<sup>J</sup></u>	<u>0.076</u>	<u>0.081</u>	315	< 14.7	52.4	113	< 1.2	3.5	< 1.2	< 1.2	8.2		
PZ-2301 DUP	1/24/2022	0.26	0.0033 <sup>J</sup>	< 0.00024	< 0.00028	<b>7</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		
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		
PZ-2301 DUP	7/26/2022	0.058	< 0.0010	< 0.00024	< 0.00028	0.061 <sup>J</sup>	<u>0.21<sup>J</sup></u>	< 0.0027 <sup>U</sup>	0.0049 <sup>JA</sup>	186 <sup>J</sup>	151	24.7	26.2 <sup>JA</sup>	< 1.2	38.3 <sup>J</sup>	8.2	6.5	2320		
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>JA</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		
PZ-2301 DUP	1/23/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.22<sup>J</sup></u>	< 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		
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	8.4	6.5	1320		

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

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	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	T	T	
MW-2302	12/7/2020	0.05	0.0063	< 0.00024	0.0011	<b>0.85<sup>J+</sup></b>	<b>1.6</b>	<u>0.11</u>	<u>0.11</u>	733	107	28.1	60.1	< 1.2 <sup>UJ</sup>	22.9	20.2	2.0 <sup>J</sup>	1920		
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		
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		
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		
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		
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>UJ</sup>	3.6	< 1.2	< 1.2	82		
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		
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		
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		
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		
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>UJ</sup>	3	< 1.2	< 1.2	6.2		
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<sup>J</sup></b>	<b>0.55<sup>J</sup></b>	450	< 14.7	<u>177</u>	<b>372</b>	< 1.2	3.5	2.2 <sup>J</sup>	3.5 <sup>J</sup>	117		
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		
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		
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		
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		
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<sup>J+</sup></u>	<u>33.3<sup>J+</sup></u>	< 1.2	3.6	16	95.1	3960		
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<sup>J</sup></u>	<u>0.12<sup>J</sup></u>	320 <sup>J+</sup>	< 14.7	97.7 <sup>J-</sup>	80.5	< 1.2 <sup>UJ</sup>	2.9	11.7	101	4300		
MW-2303	1/23/2023	0.11	< 0.0010	< 0.00024	0.00059 <sup>J</sup>	<b>2.6<sup>J</sup></b>	<b>1.3<sup>J</sup></b>	<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		
MW-2303	4/24/2023	0.3	< 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>	<b>315<sup>J</sup></b>	< 1.2	2.9	5.3 <sup>J</sup>	22.7	735		
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>UJ</sup>	2.6	< 1.2	< 1.2	5.0 <sup>J+</sup>		
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>UJ</sup>	3.5	< 1.2	< 1.2	24.2		
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		
PZ-2303	12/22/2021	<u>0.51</u>	< 0.0010	< 0.00024	< 0.00028	<b>27</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		
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		
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		
PZ-2303	7/26/2022	0.31	< 0.0010	< 0.00024	< 0.00028	<b>9</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		
PZ-2303	10/26/2022	0.32	< 0.0010	< 0.00024	0.0012	<b>4</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		
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		
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		

Notes:  
ug/L = micrograms per liter                      NE = Not Established  
mg/L = milligrams per liter                      T = Total      D = Dissolved  
<sup>J</sup> = Estimated value (+/- indicated the direction of bias)  
<sup>U</sup> = Qualified nondetect see data validation memo  
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 6A**  
**Detected Volatile Organic Compounds in Groundwater**  
**Treatment Area 4**  
**Former Kenosha Engine Plant**

	Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	7	70	100	5	0.2
	PAL	0.7	7	20	0.5	0.02
	Units	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date					
MW-44	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
MW-44	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-44	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-44	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-44	4/14/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-44	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-44	4/9/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	1/12/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-44	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-65	5/21/2012	< 2.3	<b>810</b>	11.7	<b>768</b>	<b>9.6</b>
MW-65	5/27/2014	< 8.2	<b>1160</b>	<u>26.4</u>	<b>704</b>	<b>17.2<sup>J</sup></b>
MW-65	9/30/2014	< 8.2	<b>1240</b>	15.4 <sup>J</sup>	<b>502</b>	< 3.5
MW-65	12/8/2014	< 8.2	<b>1140</b>	<u>44.8</u>	<b>553</b>	<b>12.9<sup>J</sup></b>
MW-65	3/25/2015	< 8.2	<b>1130</b>	<u>33.6</u>	<b>735</b>	<b>12<sup>J</sup></b>
MW-65	12/10/2020	< 2.4	<b>870</b>	<u>25.5</u>	<b>521</b>	<b>4.4<sup>J+</sup></b>
MW-65	4/9/2021	< 1.5	<b>354</b>	11.7	<b>45.4</b>	<b>1.3<sup>J</sup></b>
MW-65	12/8/2021	< 0.58	2	< 0.53	<u>0.77<sup>J</sup></u>	<b>0.46<sup>J</sup></b>
MW-65	1/11/2022	< 0.58	1.7	< 0.53	< 0.32	< 0.17
MW-65	2/7/2022	< 0.58	1.7	< 0.53	< 0.32	<b>2.2</b>
MW-65	4/25/2022	< 2.3	<b>395</b>	3.3 <sup>J</sup>	< 1.3	<b>14.2</b>
MW-65	7/26/2022	< 1.5	<b>296</b>	4.3	< 0.80	<b>10.5</b>
MW-65	10/25/2022	<u>1.9<sup>J</sup></u>	<b>3220</b>	<u>32.3</u>	< 0.80	<b>1140</b>
MW-65	1/25/2023	< 29.1	<b>3500</b>	<u>29.3<sup>J</sup></u>	< 16.0	<b>6370</b>
MW-65R	4/9/2023	< 0.58	<b>122</b>	<1.1	<0.64	<b>370</b>

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

	Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	7	70	100	5	0.2
	PAL	0.7	7	20	0.5	0.02
	Units	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date					
MW-79	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
MW-79	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-79	4/17/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-79	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-79	4/15/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-79	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-79	4/7/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	1/11/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-79	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
MW-80	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-80	4/17/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-80	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-80	4/15/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-80	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-80	4/7/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	1/11/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-80	4/25/2023	< 0.58	< 0.47	< 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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	7	70	100	5	0.2
	PAL	0.7	7	20	0.5	0.02
	Units	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date					
MW-81	5/17/2018	< 0.41	2	< 0.26	< 0.33	< 0.18
MW-81	10/18/2018	< 0.24	0.89 <sup>J</sup>	< 1.1	< 0.26	< 0.17
MW-81	4/17/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-81	10/9/2019	< 0.24	0.88 <sup>J</sup>	< 1.1	< 0.26	<b>0.27<sup>J</sup></b>
MW-81	4/15/2020	< 0.24	6.1	1.5 <sup>J</sup>	< 0.26	<b>1.2</b>
MW-81	11/4/2020	< 0.24	0.42 <sup>J</sup>	< 0.46	< 0.26	< 0.17
MW-81	4/7/2021	< 0.58	5.2	1.3	< 0.32	<b>2.4</b>
MW-81	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-81	1/11/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-81	2/7/2022	< 0.58	0.53 <sup>J</sup>	< 0.53	< 0.32	< 0.17
MW-81	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-81	7/26/2022	< 0.58	0.61 <sup>J</sup>	< 0.53	< 0.32	< 0.17
MW-81	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-81	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-81	4/25/2023	< 0.58	<u>7.6</u>	2	< 0.32	<b>5</b>
MW-82	9/30/2014	< 41	<b>1350</b>	<u>84<sup>J</sup></u>	<b>8,100</b>	<b>75.9<sup>J</sup></b>
MW-82	12/9/2014	< 41	<b>1170</b>	<u>74.8<sup>J</sup></u>	<b>8,300</b>	<b>58.4<sup>J</sup></b>
MW-82	3/25/2015	< 16.4	<b>691</b>	<u>38.7<sup>J</sup></u>	<b>2,670</b>	<b>27.6<sup>J</sup></b>
MW-82	5/17/2018	< 4.1	<b>561</b>	<u>42.3</u>	<b>304</b>	<b>7.5<sup>J</sup></b>
MW-82	10/18/2018	< 0.24	<b>133</b>	4	<b>17.9</b>	<b>25.1</b>
MW-82	4/17/2019	<u>0.88<sup>J</sup></u>	<b>372</b>	<u>36.7</u>	<b>204</b>	<b>4.1</b>
MW-82	10/9/2019	< 1.2	<b>553</b>	<u>46.9</u>	<b>220</b>	<b>11</b>
MW-82	4/15/2020	< 1.2	<b>417</b>	<u>39.2</u>	<b>121</b>	<b>5.9</b>
MW-82	11/4/2020	< 0.24	<b>97.3</b>	9.5	<b>5.3</b>	<b>31.9</b>
MW-82	4/7/2021	< 2.9	<b>488</b>	<u>45</u>	<b>97.1</b>	<b>13.7</b>
MW-82	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	<b>0.46<sup>J</sup></b>
MW-82	1/12/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-82	2/7/2022	< 0.58	0.67 <sup>J</sup>	< 0.53	< 0.32	<b>0.37<sup>J</sup></b>
MW-82	4/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-82	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	<b>0.26<sup>J</sup></b>
MW-82	10/25/2022	< 0.58	1.3	< 0.53	< 0.32	< 0.17
MW-82	1/24/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-82	4/25/2023	< 0.58	< 0.47	< 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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	7	70	100	5	0.2
	PAL	0.7	7	20	0.5	0.02
	Units	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date					
MW-82 DUP	4/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-82 DUP	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	<b>0.28<sup>J</sup></b>
MW-82 DUP	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-82 DUP	1/24/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-82 DUP	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
PZ-82	10/6/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
PZ-82	12/8/2021	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
PZ-82	1/12/2022	< 0.58	< 0.47	< 0.53	<b>0.49<sup>J</sup></b>	<b>0.20<sup>J</sup></b>
PZ-82	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
PZ-82	4/25/2022	< 0.58	< 0.47	< 0.53	<b>0.39<sup>J+</sup></b>	< 0.17
PZ-82	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
PZ-82	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
PZ-82	1/25/2023	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
PZ-82	4/25/2023	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
MW-108	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
MW-108	10/17/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-108	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-108	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-108	4/14/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-108	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-108	4/9/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	1/11/2022	< 0.58	< 0.47	< 0.53	<u><b>2.8</b></u>	< 0.17
MW-108	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
MW-108	4/25/2023	< 0.58	< 0.47	< 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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
	ES	7	70	100	5	0.2
	PAL	0.7	7	20	0.5	0.02
	Units	ug/l	ug/l	ug/l	ug/l	ug/l
Sample Location	Sample Date					
MW-108 DUP	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
MW-108 DUP	10/17/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-108 DUP	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-108 DUP	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
MW-108 DUP	4/14/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
MW-108 DUP	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17

Notes:

ug/L = micrograms per liter

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

<sup>U</sup> = Qualified nondetect due to contamination

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

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	ug/l	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N	N	
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>UJ</sup>	1.3	< 1.2	< 1.2	0.96 <sup>J</sup>		
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		
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		
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		
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		
MW-65	12/10/2020	0.3	< 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>UJ</sup>	3.8	< 1.2	< 1.2	67.3		
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		
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		
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		
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		
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>UJ</sup>	2.9	0.82 <sup>J</sup>	1.0 <sup>J</sup>	44.5		
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>J+</sup></b>	120 <sup>J+</sup>	< 1.2	2	0.62 <sup>J</sup>	2.7 <sup>J</sup>	89.7		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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		
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	< 1.2	< 1.2	20.1		
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>		
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	< 0.39	< 0.25	3.4		
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		
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	70.7		
MW-82	12/8/2021	<u>0.64</u>	< 0.0020	< 0.00047	< 0.00057	<b>139</b>	<b>159</b>	<b>0.74</b>	<b>0.78</b>	1650	2980	<b>439</b>	31.7 <sup>J</sup>	< 4.8	1070	8.1	11.2	1090		
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		
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		
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		

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

Sample Location	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	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	N	N	N	
Sample Location	Sample Date																		
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	
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>	
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>	
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	
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>	0.059 <sup>J</sup>	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	
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	
MW-82 DUP	7/26/2022	0.018	<u>0.0022<sup>J</sup></u>	< 0.00024	0.0014 <sup>J</sup>	< 0.058	<b>38.7</b>	0.013	<u>0.25</u>	< 372 <sup>UJ</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	
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>	
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>	
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	
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>UJ</sup>	1.5	17.5 <sup>J</sup>	7.7 <sup>J</sup>	6450 <sup>J</sup>	
PZ-82	10/6/2021	0.074	< 0.0010	< 0.00024	0.00034 <sup>J</sup>	< 0.058	<b>2</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	
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	9	447	
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	487	
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	
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>UJ</sup>	1.1	< 1.2	< 1.2	0.75 <sup>J</sup>	
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	
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	
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	
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      T = Total      D = Dissolved  
ug/L = micrograms per liter  
NE = Not Established  
<sup>J</sup> = Estimated value (+/- indicated the direction of bias)  
<sup>U</sup> = Qualified nondetect see data validation memo  
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 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	
		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
		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)
MW-69R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.36	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	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	
	4/27/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1 <sup>UJ</sup>	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17	
	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	
PZ-69	11/7/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
	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	
	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	
	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	
	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	
	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	
PZ-69R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.36	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	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	
	4/27/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1 <sup>UJ</sup>	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17	
	11/4/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	0.31 <sup>J</sup>	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
	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	
	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	
	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	
	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-70R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.36	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	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	
	4/27/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1 <sup>UJ</sup>	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17	
	11/4/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
	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	
	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	
	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	
	12/2/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
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		



**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	
		Analyle	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
		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)
MW-71R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 1.2	< 0.33	< 0.46	< 0.26	< 0.17	
	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	
	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	
	4/27/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1	< 0.41	< 0.53	< 0.32	< 0.17	
	10/26/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 1.1 <sup>UJ</sup>	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17	
	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-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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
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		
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		
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-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	
	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	
	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	
	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	
	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	
	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	
	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	
	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>	
	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	
	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	
	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	
	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	

**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	
		ANALYTE	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
		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)
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	<u>0.62</u> <sup>J</sup>	< 0.17	
	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 1.2	<b>0.35</b> <sup>J</sup>	< 1.1	<b>0.47</b> <sup>J</sup>	< 0.17	
	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	
	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	
	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	
	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	
	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	
	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 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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
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		
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	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
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		

**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	
		PAL	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
		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)
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	
	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	
	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	
	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	
	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	
	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	
	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>	
	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>	
	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>	
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	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
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		
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-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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
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		

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

	Analyte	1,1,1-	1,1-Dichloro	1,1-Dichloro	Bromo	Chloro	Chloro	cis-1,2-	Methylene	Tetrachloro	trans-1,2-	Trichloro	Vinyl
		Trichloro	ethane	ethene	methane	ethane	methane	Dichloro	Chloride	ethene	ethene	ethene	chloride
	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
	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)
<b>Sample Location</b>	<b>Sample Date</b>												
	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
	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
	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
	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
	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
	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
	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	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
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	
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	
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	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
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	

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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	
		ANALYTE	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
		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)
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	
	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	
	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	
	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	
	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	11/3/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	<b>1.3</b>	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
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		
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		
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-115	8/18/2011	< 0.9	< 0.75	< 0.57	<b>1.3</b>	< 0.97	<b>0.4<sup>J</sup></b>	< 0.83	< 0.61	< 0.45	< 0.89	< 0.48	< 0.18	
	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	
	5/28/2014	1.2	<b>0.42<sup>J</sup></b>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.24	< 0.33	< 0.18	
	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	
	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	
	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	
	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	
	11/28/2016	0.71 <sup>J</sup>	<b>0.27<sup>J</sup></b>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.17	< 0.5	< 0.26	< 0.33	< 0.18	
	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	
	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	
	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	
	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	
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		

**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
		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)
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	
	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	
	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	
	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	
	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	
	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-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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	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	
	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	
	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	
	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	
	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	
	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>0.3<sup>J</sup></b>	
	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>	
	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>0.4<sup>J</sup></b>	
	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>	
	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>	
	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>	

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

	Analyte	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
	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
	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)
Sample Location	Sample Date												
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>
	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>
	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>
	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>
	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>
	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>
	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>
	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	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>
	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
	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	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
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	
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 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	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<sup>J</sup></b>
	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<sup>J</sup></b>
	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<sup>J</sup></b>
	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

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

	Analyte	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
	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
	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)
Sample Location	Sample Date												
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<sup>J</sup></b>
	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<sup>J</sup></b>
	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<sup>J</sup></b>
	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
	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
	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
	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
	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
	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
	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
	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
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>	
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	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
	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
	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
	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
	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-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
	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
	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

Notes:

ug/L = micrograms per liter

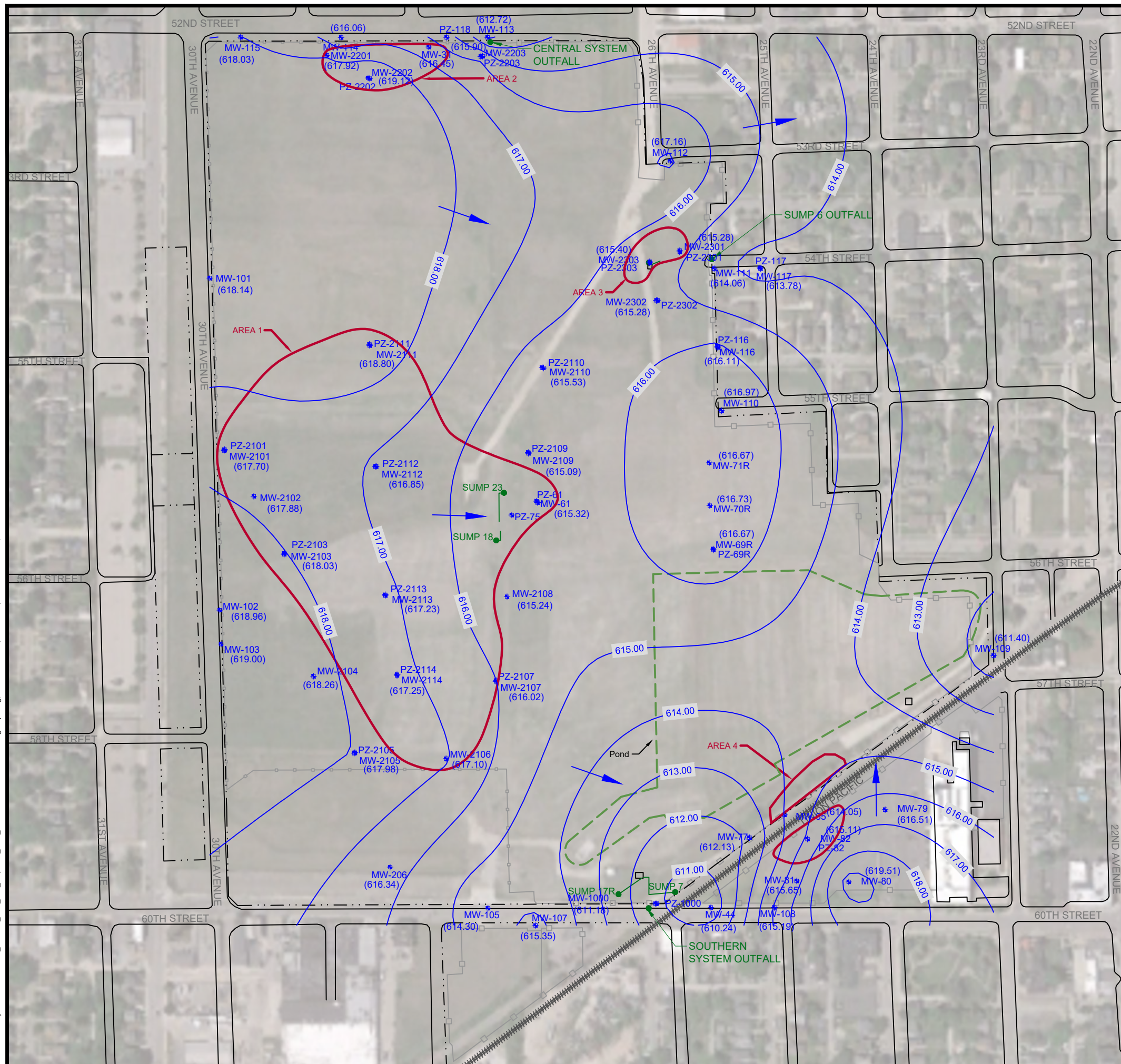
<sup>J</sup> = Estimated value

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\_Smpt\1000\_CAD\_GIS\CAD\KEP - GW Rem Design\Plot.dwg, USER: SCHOLZ, CAROLYN, PLOTTED: June 16, 2023 - 6:00 AM



**LEGEND**

- APPROXIMATE SITE BOUNDARY
- ++++ RAILROAD
- - - EXISTING FENCE
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- MONITORING WELLS AND PIEZOMETERS
- REMEDIAL TREATMENT AREAS
- (615.40) 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)**

APRIL 2023  
 KENOSHA ENGINE PLANT  
 CITY OF KENOSHA  
 KENOSHA, WISCONSIN



Drawn :	CAS 5/22/2023
Checked:	LLA 5/22/2023
Approved:	LLA 5/22/2023
PROJECT NUMBER	<b>60705270</b>
FIGURE NUMBER	<b>1</b>

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: June 16, 2023 - 6:05 AM



**LEGEND**

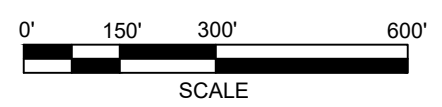
- APPROXIMATE SITE BOUNDARY
- ++++ RAILROAD
- EXISTING FENCE
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- MONITORING WELLS AND PIEZOMETERS
- REMEDIAL TREATMENT AREAS
- (615.48) GROUNDWATER ELEVATIONS
- 615.00 — GROUNDWATER CONTOUR (INTERVAL AT 1.0 FT.)
- GROUNDWATER FLOW DIRECTION

- 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)  
 APRIL 2023  
 KENOSHA ENGINE PLANT  
 CITY OF KENOSHA  
 KENOSHA, WISCONSIN



Drawn :	CAS 5/22/2023
Checked:	LLA 5/22/2023
Approved:	LLA 5/22/2023
PROJECT NUMBER	<b>60705270</b>
FIGURE NUMBER	<b>2</b>

## Memorandum

---

Date: May 19, 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 April 24 to 26, 2023. Sixty-eight groundwater samples, 8 field duplicates, and 3 trip blanks were submitted to Pace Analytical, Green Bay for analysis. Pace processed the samples and reported the results under sample delivery group (SDG) 40261402.

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	68 Groundwater Sample 8 Field Duplicates 3 Trip Blanks
Methane, Ethene, Ethane (MEE)	SW8015B Modified	27 Groundwater Samples 6 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 (VOCs only) indicate insufficient preservation. These samples were analyzed within the 7-day hold time for unpreserved samples, and were acceptable without qualification.

Laboratory qualifiers indicate that nineteen sulfide samples were received with headspace and the results were qualified as estimated biased low (UJ/J-). In addition, two VOC samples were marked as having headspace greater than 6 mm on the sample preservation receipt form; however, the laboratory was able to report the results without headspace qualifiers, indicating vials were available that met headspace criteria.

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

- Sample receipt information indicates that 19 samples had collect times on the sample labels that did not match the CoC, and the sample ID on one label did not match the CoC.
- Sample 40261402046 was incorrectly logged in as PZ-70R, while the CoC listed ID MW-70R. The database was updated to the correct ID (MW-70R).

### Holding Times

Samples were extracted and analyzed within holding times.

### 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, with the exceptions listed below. Results did not require qualification due to method blanks.

Batch	Analysis Date	Analyte	Concentration	Qualifiers
443600	5/1/2023	Chloride	0.86 J mg/L	The associated sample concentrations were greater than 5 times the blank concentration, and were acceptable without qualification.

### Trip Blanks

Trip blanks are used to assess contamination during sample shipping. Three 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, with the exceptions of those listed in the table below.

Batch (Analysis Date)	Compound	% Recovery	Recovery Limits	Results Qualified
443511 (4/28/23)	1,2,4-Trichlorobenzene	135	68-130	Associated sample results were nondetect, and were acceptable without qualification.
	Methyl-tert-butyl ether	65	70-130	The associated results were nondetect and qualified as estimated (UJ).

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-79, MW-110, MW-112, PZ-2114
- Dissolved Metals: MW-2107, PZ-2103
- Total Metals: MW-2107, PZ-2301
- Methane/Ethane/Ethene: MW-2110
- Alkalinity: MW-2107, PZ-61, PZ-2114, PZ-2301
- Chloride, Sulfate: MW-2102, MW-2106, MW-2112, PZ-2112
- COD: MW-61, PZ-61, PZ-2301, PZ-2301D
- Sulfide: MW-2106, PZ-2107
- TOC: MW-2107, PZ-2107, PZ-2301, PZ-2301D

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-110	Methyl-tert-butyl ether	<b>65/65</b>	70-130	The result for sample MW-110 was nondetect and qualified as estimated (UJ).
MW-2106	Sulfate	<b>116/87</b>	90-110	Associated results were qualified as estimated (J):

Sample ID	Analyte	% Recovery	Recovery Limits	Qualifiers
				MW-2106 MW-2301D PZ-2301 PZ-2303 MW-2301 MW-2303 PZ-2301D
MW-2107	Calcium	118/ <b>240</b>	75-125	The sample concentrations were greater than 4 times the spike concentration. No qualifiers.
	Magnesium	123/ <b>154</b>	75-125	
PZ-2114	Styrene	126/ <b>134</b>	70-132	The result for sample PZ-2114 was nondetect, and was acceptable without qualification.

### Quantitation

Dilutions were required during analysis of the groundwater samples due to high sample concentrations. In addition, sample PZ-82 required dilution due to sample foaming.

Values for total and dissolved metals were reviewed to confirm that dissolved metals values were not greater than the total metals results by more than 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	Total	Dissolved	RPD
PZ-2103	Iron	mg/L	66.4	82.5	22
PZ-2103D	Iron	mg/L	68.3	85.8	23
PZ-2303	Iron	mg/L	2.0	3.5	55
MW-2111	Manganese	mg/L	0.18	0.26	36
MW-82	Manganese	mg/L	0.059	0.078	28
MW-82D	Manganese	mg/L	0.063	0.086	31

### Field Duplicates

Field duplicates are collected to assess the overall precision of field sampling and laboratory analysis. Eight 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 with 5 times the LOQ, except for those indicated in bold in the table below. Results associated with field imprecision were qualified as estimated (J/UJ).

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
<b>MW-82 / MW-82D:</b>					
Barium, dissolved	mg/L	0.0023	0.072	0.077	6.7
Chromium, dissolved	mg/L	0.0034	0.001 U	0.003 J	--
Iron, dissolved	mg/L	0.25	0.67	1.1	<b>&gt; <math>\pm</math> LOQ</b>
Iron, total	mg/L	0.25	1.3	1.3	0
Lead, dissolved	mg/L	0.001	0.00024 U	0.00025 J	--
Manganese, dissolved	mg/L	0.004	0.078	0.086	9.8
Manganese, total	mg/L	0.004	0.059	0.063	6.6
Nickel, dissolved	mg/L	0.001	0.00028 U	0.0005 J	--
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	50	212	207	2.4

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Chemical Oxygen Demand	mg/L	50	47.5 J	32.6 J	± LOQ
Chloride	mg/L	100	1110	1100	0.9
Ethane	ug/l	5.6	4.0 J	17.5	> ± LOQ
Ethene	ug/l	5.0	1.5 J	7.7	> ± LOQ
Methane	ug/l	280	1420	6450	127.8
Sulfate	mg/L	20	9.7 J	7.8 J	21.7
Sulfide	mg/L	4.0	1.8 J	1.2 U	--
Total organic carbon	mg/L	0.5	1.5	1.5	0
<b>MW-2103 / MW-2103D:</b>					
cis-1,2-Dichloroethene	ug/l	4.0	359	300	17.9
trans-1,2-Dichloroethene	ug/l	4.0	6.1	5	19.8
Trichloroethene	ug/l	4.0	5.4	8.4	± LOQ
Vinyl chloride	ug/l	25	572	472	19.2
Barium, dissolved	mg/L	0.0023	0.048	0.046	4.3
Iron, total	mg/L	0.25	12.2	12.3	0.8
Iron, dissolved	mg/L	0.25	11.6	10.9	6.2
Manganese, total	mg/L	0.04	0.58	0.59	1.7
Manganese, dissolved	mg/L	0.004	0.59	0.58	1.7
Nickel, dissolved	mg/L	0.001	0.0033	0.0036	8.7
Alkalinity, Total as CaCO3	mg/L	125	631	612	3.1
Chemical Oxygen Demand	mg/L	50	60.2	60.2	0
Chloride	mg/L	100	158	160	1.3
Ethane	ug/l	5.6	11.7	12.1	3.4
Ethene	ug/l	5.0	284	295	3.8
Methane	ug/l	112	8870	7830	12.5
Sulfate	mg/L	100	1170	1190	1.7
Total organic carbon	mg/L	5.0	19.1	18.9	1.1
<b>MW-2201 / MW-2201D:</b>					
cis-1,2-Dichloroethene	ug/l	1.0	8.8	12.4	34
Vinyl chloride	ug/l	1.0	8.6	13.6	45
Barium, dissolved	mg/L	0.0023	0.033	0.035	5.9
Iron, dissolved	mg/L	0.25	0.72	0.82	13
Iron, total	mg/L	0.25	1.3	1.5	14.3
Manganese, dissolved	mg/L	0.004	0.23	0.24	4.3
Manganese, total	mg/L	0.004	0.24	0.23	4.3
Nickel, dissolved	mg/L	0.001	0.0019	0.0019	0
Alkalinity, Total as CaCO3	mg/L	50	449	453	0.9
Chemical Oxygen Demand	mg/L	50	19.9 J	14.7 U	--
Chloride	mg/L	40	32 J	32.4 J	1.2

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Ethane	ug/l	5.6	5.6	6.0	6.9
Ethene	ug/l	5.0	39	41.3	5.7
Methane	ug/l	56	2200	2140	2.8
Sulfate	mg/L	40	270	223	19.1
Sulfide	mg/L	4.0	1.4 J	1.2 U	--
Total organic carbon	mg/L	0.5	2.1	2.0	4.9
<b>MW-2301 / MW-2301D:</b>					
cis-1,2-Dichloroethene	ug/l	1.0	0.88 J	0.99 J	11.8
Vinyl chloride	ug/l	1.0	1.4	1.6	13.3
Barium, dissolved	mg/L	0.0023	0.081	0.082	1.2
Iron, dissolved	mg/L	0.25	6.6	7.4	11.4
Iron, total	mg/L	0.25	16	14.5	9.8
Manganese, dissolved	mg/L	0.004	0.092	0.093	1.1
Manganese, total	mg/L	0.004	0.12	0.12	0
Alkalinity, Total as CaCO3	mg/L	125	447	454	1.6
Chemical Oxygen Demand	mg/L	50	30.5 J	26.3 J	14.8
Chloride	mg/L	10	28.0	27.3	2.5
Ethane	ug/l	5.6	50.2	25.1	<b>66.7</b>
Ethene	ug/l	5.0	156	76.7	<b>68.2</b>
Methane	ug/l	280	11300	6660	<b>51.7</b>
Sulfate	mg/L	10	77.3	79.1	2.3
Sulfide	mg/L	4.0	1.2 J	1.2 U	--
<b>PZ-2103 / PZ-2103D:</b>					
cis-1,2-Dichloroethene	ug/l	5000	47300	13500	<b>111.2</b>
Trichloroethene	ug/l	5000	659000	185000	<b>112.3</b>
Barium, dissolved	mg/L	0.023	0.021 J	0.022 J	4.7
Iron, total	mg/L	5.0	66.4	68.3	2.8
Iron, dissolved	mg/L	2.5	82.5	85.8	3.9
Manganese, total	mg/L	0.081	1.9	1.8	5.4
Manganese, dissolved	mg/L	0.04	1.6	1.6	0
Nickel, dissolved	mg/L	0.01	0.0084 J	0.0079 J	6.1
Alkalinity, Total as CaCO3	mg/L	250	4720	4750	0.6
Chemical Oxygen Demand	mg/L	1000	6210	5740	7.9
Chloride	mg/L	1000	906 J	901 J	0.6
Ethane	ug/l	5.6	339	170	<b>66.4</b>
Ethene	ug/l	250	11300	6890	<b>48.5</b>
Methane	ug/l	2.8	55.0	25.6	<b>73</b>
Sulfate	mg/L	1000	13100	13000	0.8
Sulfide	mg/L	39.9	12 U	12 J	--



Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Total organic carbon	mg/L	75	1930	1910	1.0
<b>PZ-2301 / PZ-2301D:</b>					
Barium, dissolved	mg/L	0.0023	0.014	0.015	6.9
Iron, total	mg/L	0.25	0.45	0.44	2.2
Manganese, total	mg/L	0.004	0.0018 J	0.0021 J	15.4
Alkalinity, Total as CaCO3	mg/L	50	115	115	0
Chloride	mg/L	10	25.6	25.9	1.2
Ethane	ug/l	5.6	6.7	8.4	22.5
Ethene	ug/l	5.0	5.1	6.5	24.1
Methane	ug/l	28	1150	1320	13.8
Sulfate	mg/L	10	35.4	34.4	2.9
Sulfide	mg/L	4.0	1.8 J	3 J	± LOQ
Total organic carbon	mg/L	0.5	1.9	2.0	5.1

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	
MW-61 MW-82D MW-2111 MW-2114 MW-2201D MW-2301D PZ-2101 PZ-2111 PZ-2114 PZ-2301D	MW-82 MW-2101 MW-2112 MW-2201 MW-2301 PZ-61 PZ-2110 PZ-2112 PZ-2301	Sulfide	mg/L	Detects: J- Nondetects: UJ	hs
MW-44 MW-101 MW-103 MW-107 MW-109 MW-114 MW-206 MW-2202 PZ-118 PZ-2203	MW-65R MW-102 MW-105 MW-108 MW-113 MW-115 MW-2201 MW-220 PZ-2202	Methyl-tert-butyl ether	ug/L	UJ	l
MW-110		Methyl-tert-butyl ether	ug/L	UJ	l,m
MW-2106 MW-2301D PZ-2301 PZ-2303	MW-2301 MW-2303 PZ-2301D	Sulfate	mg/L	J	m

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

Sample ID	Analyte	Units	Validation Qualifier	Reason Code
PZ-2103 PZ-2303	Iron (total and diss)	mg/L	J	dt
MW-82 MW-2111	Manganese (total and diss)	mg/L	J	dt
MW-82	Iron, dissolved Ethane Ethene Methane	mg/L ug/L ug/L ug/L	J	fd
MW-2201	cis-1,2-Dichloroethene Vinyl chloride	ug/L ug/L	J	fd
MW-2301	Ethane Ethene Methane	ug/L ug/L ug/L	J	fd
PZ-2103	cis-1,2-Dichloroethene Trichloroethene Ethane Ethene Methane	ug/L ug/L ug/L ug/L 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
hs	Headspace
l	Laboratory control sample
m	Matrix spike

May 10, 2023

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

RE: Project: 60682984 KEP  
Pace Project No.: 40261402

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on April 27, 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,



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: 60682984 KEP

Pace Project No.: 40261402

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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: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40261402001	TB-01	Water	04/24/23 09:00	04/27/23 09:15
40261402002	PZ-2302	Water	04/24/23 09:55	04/27/23 09:15
40261402003	PZ-2301	Water	04/24/23 10:50	04/27/23 09:15
40261402004	PZ-2301D	Water	04/24/23 10:50	04/27/23 09:15
40261402005	MW-2302	Water	04/24/23 10:00	04/27/23 09:15
40261402006	PZ-2303	Water	04/24/23 11:00	04/27/23 09:15
40261402007	MW-2303	Water	04/24/23 12:15	04/27/23 09:15
40261402008	MW-2301	Water	04/24/23 12:10	04/27/23 09:15
40261402009	MW-2301D	Water	04/24/23 12:10	04/27/23 09:15
40261402010	MW-2106	Water	04/24/23 13:10	04/27/23 09:15
40261402011	MW-2105	Water	04/24/23 13:50	04/27/23 09:15
40261402012	PZ-2105	Water	04/24/23 14:15	04/27/23 09:15
40261402013	MW-112	Water	04/24/23 10:00	04/27/23 09:15
40261402014	MW-117	Water	04/24/23 10:45	04/27/23 09:15
40261402015	PZ-117	Water	04/24/23 11:15	04/27/23 09:15
40261402016	PZ-117D	Water	04/24/23 11:15	04/27/23 09:15
40261402017	MW-111	Water	04/24/23 11:45	04/27/23 09:15
40261402018	MW-116	Water	04/24/23 12:20	04/27/23 09:15
40261402019	PZ-116	Water	04/24/23 12:40	04/27/23 09:15
40261402020	PZ-116D	Water	04/24/23 12:40	04/27/23 09:15
40261402021	MW-110	Water	04/24/23 13:30	04/27/23 09:15
40261402022	MW-109	Water	04/24/23 14:00	04/27/23 09:15
40261402023	MW-2203	Water	04/24/23 14:15	04/27/23 09:15
40261402024	PZ-2203	Water	04/24/23 14:20	04/27/23 09:15
40261402025	MW-103	Water	04/25/23 07:30	04/27/23 09:15
40261402026	MW-102	Water	04/25/23 08:05	04/27/23 09:15
40261402027	MW-101	Water	04/25/23 08:40	04/27/23 09:15
40261402028	MW-107	Water	04/25/23 09:25	04/27/23 09:15
40261402029	MW-115	Water	04/25/23 09:40	04/27/23 09:15
40261402030	MW-108	Water	04/25/23 10:00	04/27/23 09:15
40261402031	MW-44	Water	04/25/23 10:30	04/27/23 09:15
40261402032	MW-105	Water	04/25/23 11:15	04/27/23 09:15
40261402033	MW-65R	Water	04/25/23 09:30	04/27/23 09:15
40261402034	MW-206	Water	04/25/23 10:40	04/27/23 09:15
40261402035	MW-114	Water	04/25/23 09:55	04/27/23 09:15
40261402036	MW-113	Water	04/25/23 10:45	04/27/23 09:15
40261402037	MW-2202	Water	04/24/23 15:05	04/27/23 09:15

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## SAMPLE SUMMARY

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40261402038	PZ-2202	Water	04/24/23 15:20	04/27/23 09:15
40261402039	PZ-118	Water	04/25/23 10:35	04/27/23 09:15
40261402040	MW-2201	Water	04/25/23 12:15	04/27/23 09:15
40261402041	MW-2201D	Water	04/25/23 12:15	04/27/23 09:15
40261402042	MW-31	Water	04/25/23 12:30	04/27/23 09:15
40261402043	MW-80	Water	04/25/23 12:10	04/27/23 09:15
40261402044	MW-69R	Water	04/25/23 11:30	04/27/23 09:15
40261402045	PZ-69R	Water	04/25/23 12:00	04/27/23 09:15
40261402046	PZ-70R	Water	04/25/23 12:30	04/27/23 09:15
40261402047	MW-71R	Water	04/25/23 13:15	04/27/23 09:15
40261402048	MW-81	Water	04/25/23 12:45	04/27/23 09:15
40261402049	MW-79	Water	04/25/23 13:15	04/27/23 09:15
40261402050	PZ-82	Water	04/25/23 13:45	04/27/23 09:15
40261402051	MW-82	Water	04/25/23 14:30	04/27/23 09:15
40261402052	MW-82D	Water	04/25/23 14:30	04/27/23 09:15
40261402053	MW-2112	Water	04/25/23 13:40	04/27/23 09:15
40261402054	PZ-2112	Water	04/25/23 13:40	04/27/23 09:15
40261402055	MW-2104	Water	04/25/23 14:20	04/27/23 09:15
40261402056	MW-2108	Water	04/25/23 15:00	04/27/23 09:15
40261402057	MW-2109	Water	04/25/23 14:40	04/27/23 09:15
40261402058	PZ-2109	Water	04/25/23 14:40	04/27/23 09:15
40261402059	MW-2102	Water	04/25/23 16:00	04/27/23 09:15
40261402060	MW-2110	Water	04/26/23 09:00	04/27/23 09:15
40261402061	PZ-2110	Water	04/26/23 09:50	04/27/23 09:15
40261402062	MW-61	Water	04/26/23 10:40	04/27/23 09:15
40261402063	PZ-61	Water	04/26/23 11:30	04/27/23 09:15
40261402064	MW-2107	Water	04/26/23 09:40	04/27/23 09:15
40261402065	PZ-2107	Water	04/26/23 10:30	04/27/23 09:15
40261402066	MW-2103	Water	04/26/23 12:00	04/27/23 09:15
40261402067	MW-2103D	Water	04/26/23 12:00	04/27/23 09:15
40261402068	PZ-2103	Water	04/26/23 12:45	04/27/23 09:15
40261402069	PZ-2103D	Water	04/26/23 12:45	04/27/23 09:15
40261402070	MW-2113	Water	04/26/23 09:25	04/27/23 09:15
40261402071	PZ-2113	Water	04/26/23 10:20	04/27/23 09:15
40261402072	MW-2111	Water	04/26/23 12:30	04/27/23 09:15
40261402073	PZ-2111	Water	04/26/23 13:40	04/27/23 09:15
40261402074	MW-2101	Water	04/26/23 11:50	04/27/23 09:15

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## SAMPLE SUMMARY

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40261402075	PZ-2101	Water	04/26/23 12:30	04/27/23 09:15
40261402076	MW-2114	Water	04/26/23 09:35	04/27/23 09:15
40261402077	PZ-2114	Water	04/26/23 10:00	04/27/23 09:15
40261402078	TB-02	Water	04/26/23 12:00	04/27/23 09:15
40261402079	TB-03	Water	04/26/23 14:00	04/27/23 09:15

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402001	TB-01	EPA 8260	EIB	63	PASI-G
40261402002	PZ-2302	EPA 8260	EIB	63	PASI-G
40261402003	PZ-2301	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		40261402004	PZ-2301D	EPA 8015B Modified	KHB
EPA 6020B	KXS			2	PASI-G
EPA 6020B	KXS			6	PASI-G
EPA 8260	EIB			63	PASI-G
SM 4500-S F (2000)	EXM			1	PASI-G
EPA 300.0	HMB			2	PASI-G
EPA 310.2	DAW			1	PASI-G
EPA 410.4	TJJ			1	PASI-G
SM 5310C	TJJ			1	PASI-G
40261402005	MW-2302			EPA 8260	EIB
40261402006	PZ-2303	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		40261402007	MW-2303	EPA 8015B Modified	KHB
EPA 6020B	KXS			2	PASI-G
EPA 6020B	KXS			6	PASI-G
EPA 8260	EIB			63	PASI-G
SM 4500-S F (2000)	EXM			1	PASI-G
EPA 300.0	HMB			2	PASI-G
		EPA 310.2	DAW	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402008	MW-2301	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	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402009	MW-2301D	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	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402010	MW-2106	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8260	EIB	63	PASI-G
40261402011	MW-2105	EPA 8260	EIB	63	PASI-G
40261402012	PZ-2105	EPA 8260	EIB	63	PASI-G
40261402013	MW-112	EPA 8260	EIB	63	PASI-G
40261402014	MW-117	EPA 8260	EIB	63	PASI-G
40261402015	PZ-117	EPA 8260	EIB	63	PASI-G
40261402016	PZ-117D	EPA 8260	EIB	63	PASI-G
40261402017	MW-111	EPA 8260	EIB	63	PASI-G
40261402018	MW-116	EPA 8260	EIB	63	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402019	PZ-116	EPA 8260	EIB	63	PASI-G
40261402020	PZ-116D	EPA 8260	EIB	63	PASI-G
40261402021	MW-110	EPA 8260	CXJ	63	PASI-G
40261402022	MW-109	EPA 8260	CXJ	63	PASI-G
40261402023	MW-2203	EPA 8260	CXJ	63	PASI-G
40261402024	PZ-2203	EPA 8260	CXJ	63	PASI-G
40261402025	MW-103	EPA 8260	CXJ	63	PASI-G
40261402026	MW-102	EPA 8260	CXJ	63	PASI-G
40261402027	MW-101	EPA 8260	CXJ	63	PASI-G
40261402028	MW-107	EPA 8260	CXJ	63	PASI-G
40261402029	MW-115	EPA 8260	CXJ	63	PASI-G
40261402030	MW-108	EPA 8260	CXJ	63	PASI-G
40261402031	MW-44	EPA 8260	CXJ	63	PASI-G
40261402032	MW-105	EPA 8260	CXJ	63	PASI-G
40261402033	MW-65R	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)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402034	MW-206	EPA 8260	CXJ	63	PASI-G
40261402035	MW-114	EPA 8260	CXJ	63	PASI-G
40261402036	MW-113	EPA 8260	CXJ	63	PASI-G
40261402037	MW-2202	EPA 8260	CXJ	63	PASI-G
40261402038	PZ-2202	EPA 8260	CXJ	63	PASI-G
40261402039	PZ-118	EPA 8260	CXJ	63	PASI-G
40261402040	MW-2201	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)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402041	MW-2201D	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	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402042	MW-31	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	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402043	MW-80	SM 5310C	TJJ	1	PASI-G
40261402043	MW-80	EPA 8260	EIB	63	PASI-G
40261402044	MW-69R	EPA 8260	EIB	63	PASI-G
40261402045	PZ-69R	EPA 8260	EIB	63	PASI-G
40261402046	PZ-70R	EPA 8260	EIB	63	PASI-G
40261402047	MW-71R	EPA 8260	EIB	63	PASI-G
40261402048	MW-81	EPA 8260	EIB	63	PASI-G
40261402049	MW-79	EPA 8260	EIB	63	PASI-G
40261402050	PZ-82	EPA 8260	EIB	63	PASI-G
40261402051	MW-82	EPA 8260	EIB	63	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402052	MW-82D	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402053</b>	<b>MW-2112</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	DAW	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402054</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	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402055</b>	<b>MW-2104</b>	EPA 8260	EIB	63	PASI-G
<b>40261402056</b>	<b>MW-2108</b>	EPA 8260	EIB	63	PASI-G
<b>40261402057</b>	<b>MW-2109</b>	EPA 8260	EIB	63	PASI-G
<b>40261402058</b>	<b>PZ-2109</b>	EPA 8260	EIB	63	PASI-G
<b>40261402059</b>	<b>MW-2102</b>	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402060	MW-2110	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402061	PZ-2110	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402062	MW-61	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		40261402063	PZ-61	EPA 8015B Modified	ALD
EPA 6020B	KXS			2	PASI-G
EPA 6020B	KXS			6	PASI-G
EPA 8260	SMT			63	PASI-G
SM 4500-S F (2000)	EXM			1	PASI-G
EPA 300.0	HMB			2	PASI-G
EPA 310.2	DAW			1	PASI-G
EPA 410.4	TJJ			1	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402064	MW-2107	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402065	PZ-2107	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402066	MW-2103	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40261402067	MW-2103D	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
SM 5310C	TJJ	1	PASI-G		

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40261402068	PZ-2103	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402069	PZ-2103D	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402070	MW-2113	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402071	PZ-2113	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40261402072	MW-2111	EPA 8015B Modified	ALD	3	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402073</b>	<b>PZ-2111</b>	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402074</b>	<b>MW-2101</b>	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402075</b>	<b>PZ-2101</b>	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402076</b>	<b>MW-2114</b>	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402077</b>	<b>PZ-2114</b>	EPA 8015B Modified	ALD	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	SMT	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40261402078</b>	<b>TB-02</b>	EPA 8260	SMT	63	PASI-G
<b>40261402079</b>	<b>TB-03</b>	EPA 8260	SMT	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402003</b>	<b>PZ-2301</b>					
EPA 8015B Modified	Ethane	6.7	ug/L	5.6	05/01/23 11:19	
EPA 8015B Modified	Ethene	5.1	ug/L	5.0	05/01/23 11:19	
EPA 8015B Modified	Methane	1150	ug/L	28.0	05/01/23 14:17	
EPA 6020B	Iron	0.45	mg/L	0.25	04/28/23 19:23	
EPA 6020B	Manganese	0.0018J	mg/L	0.0040	04/28/23 19:23	
EPA 6020B	Barium, Dissolved	0.014	mg/L	0.0023	04/28/23 15:43	
SM 4500-S F (2000)	Sulfide	1.8J	mg/L	4.0	05/01/23 09:59	1q
EPA 300.0	Chloride	25.6	mg/L	10.0	05/01/23 20:43	B
EPA 300.0	Sulfate	35.4	mg/L	10.0	05/01/23 20:43	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	115	mg/L	50.0	05/02/23 10:54	
SM 5310C	Total Organic Carbon	1.9	mg/L	0.50	04/28/23 04:21	
<b>40261402004</b>	<b>PZ-2301D</b>					
EPA 8015B Modified	Ethane	8.4	ug/L	5.6	05/01/23 11:26	
EPA 8015B Modified	Ethene	6.5	ug/L	5.0	05/01/23 11:26	
EPA 8015B Modified	Methane	1320	ug/L	28.0	05/01/23 14:24	
EPA 6020B	Iron	0.44	mg/L	0.25	04/28/23 20:07	
EPA 6020B	Manganese	0.0021J	mg/L	0.0040	04/28/23 20:07	
EPA 6020B	Barium, Dissolved	0.015	mg/L	0.0023	04/28/23 16:12	
SM 4500-S F (2000)	Sulfide	3.0J	mg/L	4.0	05/01/23 10:02	1q
EPA 300.0	Chloride	25.9	mg/L	10.0	05/01/23 20:56	B
EPA 300.0	Sulfate	34.4	mg/L	10.0	05/01/23 20:56	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	115	mg/L	25.0	05/02/23 10:57	
SM 5310C	Total Organic Carbon	2.0	mg/L	0.50	04/28/23 05:11	
<b>40261402005</b>	<b>MW-2302</b>					
EPA 8260	Chloroethane	8.1	ug/L	5.0	04/28/23 22:30	
EPA 8260	1,1-Dichloroethane	22.4	ug/L	1.0	04/28/23 22:30	
EPA 8260	cis-1,2-Dichloroethene	9.9	ug/L	1.0	04/28/23 22:30	
EPA 8260	Methylene Chloride	3.0J	ug/L	5.0	04/28/23 22:30	
EPA 8260	1,1,1-Trichloroethane	3.2	ug/L	1.0	04/28/23 22:30	
EPA 8260	Trichloroethene	3.8	ug/L	1.0	04/28/23 22:30	
EPA 8260	Vinyl chloride	2.5	ug/L	1.0	04/28/23 22:30	
<b>40261402006</b>	<b>PZ-2303</b>					
EPA 8015B Modified	Ethane	5.2J	ug/L	5.6	05/01/23 11:33	
EPA 8015B Modified	Methane	3640	ug/L	70.0	05/01/23 14:31	
EPA 6020B	Iron	2.0	mg/L	0.25	04/28/23 20:22	
EPA 6020B	Manganese	0.30	mg/L	0.0040	04/28/23 20:22	
EPA 6020B	Barium, Dissolved	0.29	mg/L	0.0023	04/28/23 16:27	
EPA 6020B	Iron, Dissolved	3.5	mg/L	0.25	04/28/23 16:27	CR
EPA 6020B	Manganese, Dissolved	0.29	mg/L	0.0040	04/28/23 16:27	
EPA 8260	Vinyl chloride	0.23J	ug/L	1.0	04/28/23 22:51	
EPA 300.0	Chloride	161	mg/L	20.0	05/01/23 21:09	
EPA 300.0	Sulfate	313	mg/L	20.0	05/01/23 21:09	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	598	mg/L	125	05/02/23 10:58	
SM 5310C	Total Organic Carbon	1.6	mg/L	0.50	04/28/23 06:01	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402007</b>	<b>MW-2303</b>					
EPA 8015B Modified	Ethane	5.3J	ug/L	5.6	05/01/23 11:40	
EPA 8015B Modified	Ethene	22.7	ug/L	5.0	05/01/23 11:40	
EPA 8015B Modified	Methane	735	ug/L	14.0	05/01/23 14:38	
EPA 6020B	Iron	11.8	mg/L	0.25	04/28/23 20:29	
EPA 6020B	Manganese	0.44	mg/L	0.0040	04/28/23 20:29	
EPA 6020B	Barium, Dissolved	0.30	mg/L	0.0023	04/28/23 16:34	
EPA 6020B	Iron, Dissolved	12.3	mg/L	0.25	04/28/23 16:34	D9
EPA 6020B	Manganese, Dissolved	0.43	mg/L	0.0040	04/28/23 16:34	
EPA 6020B	Nickel, Dissolved	0.00046J	mg/L	0.0010	04/28/23 16:34	
EPA 8260	1,1-Dichloroethane	0.49J	ug/L	1.0	04/28/23 23:11	
EPA 8260	cis-1,2-Dichloroethene	4.2	ug/L	1.0	04/28/23 23:11	
EPA 8260	Vinyl chloride	175	ug/L	1.0	04/28/23 23:11	
EPA 300.0	Chloride	203	mg/L	10.0	05/01/23 21:22	
EPA 300.0	Sulfate	315	mg/L	40.0	05/02/23 20:57	
EPA 310.2	Alkalinity, Total as CaCO3	490	mg/L	50.0	05/02/23 10:59	
EPA 410.4	Chemical Oxygen Demand	24.2J	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	2.9	mg/L	0.50	04/28/23 06:18	
<b>40261402008</b>	<b>MW-2301</b>					
EPA 8015B Modified	Ethane	50.2	ug/L	5.6	05/01/23 11:47	
EPA 8015B Modified	Ethene	156	ug/L	5.0	05/01/23 11:47	
EPA 8015B Modified	Methane	11300	ug/L	280	05/01/23 14:45	
EPA 6020B	Iron	16.0	mg/L	0.25	04/28/23 20:36	
EPA 6020B	Manganese	0.12	mg/L	0.0040	04/28/23 20:36	
EPA 6020B	Barium, Dissolved	0.081	mg/L	0.0023	04/28/23 16:56	
EPA 6020B	Iron, Dissolved	6.6	mg/L	0.25	04/28/23 16:56	
EPA 6020B	Manganese, Dissolved	0.092	mg/L	0.0040	04/28/23 16:56	
EPA 8260	cis-1,2-Dichloroethene	0.88J	ug/L	1.0	05/01/23 10:50	
EPA 8260	Vinyl chloride	1.4	ug/L	1.0	05/01/23 10:50	
SM 4500-S F (2000)	Sulfide	1.2J	mg/L	4.0	05/01/23 10:12	1q
EPA 300.0	Chloride	28.0	mg/L	10.0	05/01/23 21:35	B
EPA 300.0	Sulfate	77.3	mg/L	10.0	05/01/23 21:35	
EPA 310.2	Alkalinity, Total as CaCO3	447	mg/L	125	05/02/23 11:00	
EPA 410.4	Chemical Oxygen Demand	30.5J	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	8.1	mg/L	0.50	04/28/23 06:55	
<b>40261402009</b>	<b>MW-2301D</b>					
EPA 8015B Modified	Ethane	25.1	ug/L	5.6	05/01/23 12:11	
EPA 8015B Modified	Ethene	76.7	ug/L	5.0	05/01/23 12:11	
EPA 8015B Modified	Methane	6660	ug/L	140	05/01/23 15:06	
EPA 6020B	Iron	14.5	mg/L	0.25	04/28/23 20:44	
EPA 6020B	Manganese	0.12	mg/L	0.0040	04/28/23 20:44	
EPA 6020B	Barium, Dissolved	0.082	mg/L	0.0023	04/28/23 17:03	
EPA 6020B	Iron, Dissolved	7.4	mg/L	0.25	04/28/23 17:03	
EPA 6020B	Manganese, Dissolved	0.093	mg/L	0.0040	04/28/23 17:03	
EPA 8260	cis-1,2-Dichloroethene	0.99J	ug/L	1.0	05/01/23 10:29	
EPA 8260	Vinyl chloride	1.6	ug/L	1.0	05/01/23 10:29	
EPA 300.0	Chloride	27.3	mg/L	10.0	05/01/23 21:48	B

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40261402009</b>	<b>MW-2301D</b>					
EPA 300.0	Sulfate	79.1	mg/L	10.0	05/01/23 21:48	
EPA 310.2	Alkalinity, Total as CaCO3	454	mg/L	125	05/02/23 11:01	
EPA 410.4	Chemical Oxygen Demand	26.3J	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	7.6	mg/L	0.50	04/28/23 07:11	
<b>40261402010</b>	<b>MW-2106</b>					
EPA 8015B Modified	Ethane	1.7J	ug/L	5.6	05/01/23 12:18	
EPA 8015B Modified	Ethene	29.5	ug/L	5.0	05/01/23 12:18	
EPA 8015B Modified	Methane	979	ug/L	28.0	05/01/23 15:13	
EPA 6020B	Iron	5.2	mg/L	0.25	04/28/23 20:51	
EPA 6020B	Manganese	0.33	mg/L	0.0040	04/28/23 20:51	
EPA 6020B	Barium, Dissolved	0.028	mg/L	0.0023	04/28/23 17:11	
EPA 6020B	Iron, Dissolved	4.6	mg/L	0.25	04/28/23 17:11	
EPA 6020B	Manganese, Dissolved	0.31	mg/L	0.0040	04/28/23 17:11	
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	04/28/23 17:11	
EPA 8260	Vinyl chloride	65.9	ug/L	1.0	04/29/23 00:14	
EPA 300.0	Chloride	41.4	mg/L	10.0	05/01/23 22:01	B
EPA 300.0	Sulfate	894	mg/L	100	05/02/23 21:10	MO
EPA 310.2	Alkalinity, Total as CaCO3	489	mg/L	125	05/02/23 11:02	
EPA 410.4	Chemical Oxygen Demand	94.1	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	27.5	mg/L	15.0	04/28/23 07:27	
<b>40261402011</b>	<b>MW-2105</b>					
EPA 8260	cis-1,2-Dichloroethene	107	ug/L	1.0	04/29/23 00:34	
EPA 8260	trans-1,2-Dichloroethene	0.64J	ug/L	1.0	04/29/23 00:34	
EPA 8260	Trichloroethene	12.3	ug/L	1.0	04/29/23 00:34	
EPA 8260	Vinyl chloride	5.0	ug/L	1.0	04/29/23 00:34	
<b>40261402012</b>	<b>PZ-2105</b>					
EPA 8260	cis-1,2-Dichloroethene	0.86J	ug/L	1.0	05/01/23 11:10	
EPA 8260	Trichloroethene	0.47J	ug/L	1.0	05/01/23 11:10	
<b>40261402027</b>	<b>MW-101</b>					
EPA 8260	1,1,1-Trichloroethane	0.39J	ug/L	1.0	04/28/23 15:57	
<b>40261402029</b>	<b>MW-115</b>					
EPA 8260	1,1,1-Trichloroethane	0.41J	ug/L	1.0	04/28/23 16:34	
<b>40261402033</b>	<b>MW-65R</b>					
EPA 8015B Modified	Ethane	2.4J	ug/L	5.6	05/01/23 12:25	
EPA 8015B Modified	Ethene	318	ug/L	5.0	05/01/23 12:25	
EPA 8015B Modified	Methane	522	ug/L	14.0	05/01/23 15:20	
EPA 6020B	Iron	15.7	mg/L	0.25	04/28/23 20:58	
EPA 6020B	Manganese	0.36	mg/L	0.0040	04/28/23 20:58	
EPA 6020B	Barium, Dissolved	0.54	mg/L	0.0023	04/28/23 17:18	
EPA 6020B	Iron, Dissolved	13.8	mg/L	0.25	04/28/23 17:18	
EPA 6020B	Manganese, Dissolved	0.33	mg/L	0.0040	04/28/23 17:18	
EPA 6020B	Nickel, Dissolved	0.0012	mg/L	0.0010	04/28/23 17:18	
EPA 8260	cis-1,2-Dichloroethene	122	ug/L	2.0	04/28/23 20:37	
EPA 8260	Vinyl chloride	370	ug/L	2.0	04/28/23 20:37	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40261402033</b>	<b>MW-65R</b>					
EPA 300.0	Chloride	613	mg/L	40.0	05/04/23 07:47	
EPA 300.0	Sulfate	228	mg/L	10.0	05/03/23 19:48	
EPA 310.2	Alkalinity, Total as CaCO3	596	mg/L	50.0	05/02/23 11:03	
EPA 410.4	Chemical Oxygen Demand	81.4	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	27.1	mg/L	3.0	04/28/23 07:41	
<b>40261402035</b>	<b>MW-114</b>					
EPA 8260	Vinyl chloride	1.4	ug/L	1.0	04/28/23 19:23	
<b>40261402037</b>	<b>MW-2202</b>					
EPA 8260	Trichloroethene	0.96J	ug/L	1.0	04/28/23 19:41	
<b>40261402039</b>	<b>PZ-118</b>					
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	05/01/23 13:36	
EPA 8260	Vinyl chloride	0.64J	ug/L	1.0	05/01/23 13:36	
<b>40261402040</b>	<b>MW-2201</b>					
EPA 8015B Modified	Ethane	5.6	ug/L	5.6	05/01/23 12:32	
EPA 8015B Modified	Ethene	39.0	ug/L	5.0	05/01/23 12:32	
EPA 8015B Modified	Methane	2200	ug/L	56.0	05/01/23 15:27	
EPA 6020B	Iron	1.3	mg/L	0.25	04/28/23 21:20	
EPA 6020B	Manganese	0.24	mg/L	0.0040	04/28/23 21:20	
EPA 6020B	Barium, Dissolved	0.033	mg/L	0.0023	04/28/23 17:25	
EPA 6020B	Iron, Dissolved	0.72	mg/L	0.25	04/28/23 17:25	
EPA 6020B	Manganese, Dissolved	0.23	mg/L	0.0040	04/28/23 17:25	
EPA 6020B	Nickel, Dissolved	0.0019	mg/L	0.0010	04/28/23 17:25	
EPA 8260	cis-1,2-Dichloroethene	8.8	ug/L	1.0	05/01/23 13:55	
EPA 8260	Vinyl chloride	8.6	ug/L	1.0	05/01/23 13:55	
SM 4500-S F (2000)	Sulfide	1.4J	mg/L	4.0	05/01/23 10:29	1q
EPA 300.0	Chloride	32.0J	mg/L	40.0	05/03/23 20:03	D3
EPA 300.0	Sulfate	270	mg/L	40.0	05/03/23 20:03	
EPA 310.2	Alkalinity, Total as CaCO3	449	mg/L	50.0	05/02/23 11:07	
EPA 410.4	Chemical Oxygen Demand	19.9J	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	2.1	mg/L	0.50	04/28/23 07:56	
<b>40261402041</b>	<b>MW-2201D</b>					
EPA 8015B Modified	Ethane	6.0	ug/L	5.6	05/01/23 12:39	
EPA 8015B Modified	Ethene	41.3	ug/L	5.0	05/01/23 12:39	
EPA 8015B Modified	Methane	2140	ug/L	56.0	05/01/23 15:34	
EPA 6020B	Iron	1.5	mg/L	0.25	04/28/23 21:28	
EPA 6020B	Manganese	0.23	mg/L	0.0040	04/28/23 21:28	
EPA 6020B	Barium, Dissolved	0.035	mg/L	0.0023	04/28/23 17:33	
EPA 6020B	Iron, Dissolved	0.82	mg/L	0.25	04/28/23 17:33	
EPA 6020B	Manganese, Dissolved	0.24	mg/L	0.0040	04/28/23 17:33	D9
EPA 6020B	Nickel, Dissolved	0.0019	mg/L	0.0010	04/28/23 17:33	
EPA 8260	cis-1,2-Dichloroethene	12.4	ug/L	1.0	05/02/23 11:18	
EPA 8260	Vinyl chloride	13.6	ug/L	1.0	05/02/23 11:18	
EPA 300.0	Chloride	32.4J	mg/L	40.0	05/03/23 20:17	D3
EPA 300.0	Sulfate	223	mg/L	40.0	05/03/23 20:17	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402041</b>	<b>MW-2201D</b>					
EPA 310.2	Alkalinity, Total as CaCO3	453	mg/L	50.0	05/02/23 11:08	
SM 5310C	Total Organic Carbon	2.0	mg/L	0.50	04/28/23 08:11	
<b>40261402042</b>	<b>MW-31</b>					
EPA 8015B Modified	Ethane	16.2	ug/L	5.6	05/01/23 12:47	
EPA 8015B Modified	Ethene	38.0	ug/L	5.0	05/01/23 12:47	
EPA 8015B Modified	Methane	8950	ug/L	280	05/01/23 15:41	
EPA 6020B	Iron	19.7	mg/L	0.25	04/28/23 21:35	
EPA 6020B	Manganese	0.50	mg/L	0.0040	04/28/23 21:35	
EPA 6020B	Barium, Dissolved	0.29	mg/L	0.0023	04/28/23 17:40	
EPA 6020B	Iron, Dissolved	11.7	mg/L	0.25	04/28/23 17:40	
EPA 6020B	Manganese, Dissolved	0.30	mg/L	0.0040	04/28/23 17:40	
EPA 6020B	Nickel, Dissolved	0.00030J	mg/L	0.0010	04/28/23 17:40	
EPA 8260	cis-1,2-Dichloroethene	0.65J	ug/L	1.0	05/01/23 11:22	
EPA 8260	Vinyl chloride	4.0	ug/L	1.0	05/01/23 11:22	
SM 4500-S F (2000)	Sulfide	1.6J	mg/L	4.0	05/01/23 10:34	
EPA 300.0	Chloride	75.1	mg/L	10.0	05/03/23 21:36	
EPA 300.0	Sulfate	117	mg/L	10.0	05/03/23 21:36	
EPA 310.2	Alkalinity, Total as CaCO3	688	mg/L	50.0	05/02/23 11:09	
EPA 410.4	Chemical Oxygen Demand	70.8	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	5.3	mg/L	0.50	04/28/23 08:26	
<b>40261402048</b>	<b>MW-81</b>					
EPA 8260	cis-1,2-Dichloroethene	7.6	ug/L	1.0	05/01/23 10:24	
EPA 8260	trans-1,2-Dichloroethene	2.0	ug/L	1.0	05/01/23 10:24	
EPA 8260	Vinyl chloride	5.0	ug/L	1.0	05/01/23 10:24	
<b>40261402051</b>	<b>MW-82</b>					
EPA 8015B Modified	Ethane	4.0J	ug/L	5.6	05/01/23 12:53	
EPA 8015B Modified	Ethene	1.5J	ug/L	5.0	05/01/23 12:53	
EPA 8015B Modified	Methane	1420	ug/L	56.0	05/01/23 15:48	
EPA 6020B	Iron	1.3	mg/L	0.25	04/28/23 21:43	
EPA 6020B	Manganese	0.059	mg/L	0.0040	04/28/23 21:43	
EPA 6020B	Barium, Dissolved	0.072	mg/L	0.0023	04/28/23 17:47	
EPA 6020B	Iron, Dissolved	0.67	mg/L	0.25	04/28/23 17:47	
EPA 6020B	Manganese, Dissolved	0.078	mg/L	0.0040	04/28/23 17:47	CR
SM 4500-S F (2000)	Sulfide	1.8J	mg/L	4.0	05/01/23 10:35	1q
EPA 300.0	Chloride	1110	mg/L	100	05/04/23 08:02	
EPA 300.0	Sulfate	9.7J	mg/L	20.0	05/03/23 21:51	D3
EPA 310.2	Alkalinity, Total as CaCO3	212	mg/L	50.0	05/02/23 11:10	
EPA 410.4	Chemical Oxygen Demand	47.5J	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	1.5	mg/L	0.50	04/28/23 08:45	
<b>40261402052</b>	<b>MW-82D</b>					
EPA 8015B Modified	Ethane	17.5	ug/L	5.6	05/01/23 13:01	
EPA 8015B Modified	Ethene	7.7	ug/L	5.0	05/01/23 13:01	
EPA 8015B Modified	Methane	6450	ug/L	280	05/01/23 15:55	
EPA 6020B	Iron	1.3	mg/L	0.25	04/28/23 21:50	
EPA 6020B	Manganese	0.063	mg/L	0.0040	04/28/23 21:50	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402052</b>	<b>MW-82D</b>					
EPA 6020B	Barium, Dissolved	0.077	mg/L	0.0023	04/28/23 17:55	
EPA 6020B	Chromium, Dissolved	0.0030J	mg/L	0.0034	04/28/23 17:55	
EPA 6020B	Iron, Dissolved	1.1	mg/L	0.25	04/28/23 17:55	
EPA 6020B	Lead, Dissolved	0.00025J	mg/L	0.0010	04/28/23 17:55	
EPA 6020B	Manganese, Dissolved	0.086	mg/L	0.0040	04/28/23 17:55	CR
EPA 6020B	Nickel, Dissolved	0.00050J	mg/L	0.0010	04/28/23 17:55	
EPA 300.0	Chloride	1100	mg/L	100	05/04/23 08:17	
EPA 300.0	Sulfate	7.8J	mg/L	20.0	05/03/23 22:06	D3
EPA 310.2	Alkalinity, Total as CaCO3	207	mg/L	50.0	05/02/23 11:11	
EPA 410.4	Chemical Oxygen Demand	32.6J	mg/L	50.0	05/03/23 05:49	
SM 5310C	Total Organic Carbon	1.5	mg/L	0.50	04/28/23 09:06	
<b>40261402053</b>	<b>MW-2112</b>					
EPA 8015B Modified	Ethane	3.2J	ug/L	5.6	05/01/23 13:08	
EPA 8015B Modified	Ethene	70.2	ug/L	5.0	05/01/23 13:08	
EPA 8015B Modified	Methane	2500	ug/L	70.0	05/01/23 16:02	
EPA 6020B	Iron	11.2	mg/L	0.25	04/28/23 21:57	
EPA 6020B	Manganese	0.56	mg/L	0.0040	04/28/23 21:57	
EPA 6020B	Barium, Dissolved	0.092	mg/L	0.0023	04/28/23 18:02	
EPA 6020B	Iron, Dissolved	1.6	mg/L	0.25	04/28/23 18:02	
EPA 6020B	Manganese, Dissolved	0.51	mg/L	0.0040	04/28/23 18:02	
EPA 6020B	Nickel, Dissolved	0.0019	mg/L	0.0010	04/28/23 18:02	
EPA 8260	cis-1,2-Dichloroethene	220	ug/L	2.0	05/02/23 11:38	
EPA 8260	trans-1,2-Dichloroethene	1.7J	ug/L	2.0	05/02/23 11:38	
EPA 8260	Vinyl chloride	171	ug/L	2.0	05/02/23 11:38	
SM 4500-S F (2000)	Sulfide	7.2	mg/L	4.0	05/01/23 10:39	1q
EPA 300.0	Chloride	74.0	mg/L	20.0	05/03/23 22:20	
EPA 300.0	Sulfate	331	mg/L	20.0	05/03/23 22:20	
EPA 310.2	Alkalinity, Total as CaCO3	434	mg/L	50.0	05/02/23 11:12	
EPA 410.4	Chemical Oxygen Demand	87.7	mg/L	50.0	05/03/23 05:50	
SM 5310C	Total Organic Carbon	20.2	mg/L	7.5	04/28/23 09:24	
<b>40261402054</b>	<b>PZ-2112</b>					
EPA 8015B Modified	Methane	3500	ug/L	140	05/01/23 16:09	
EPA 6020B	Iron	3.8	mg/L	0.25	04/28/23 22:05	
EPA 6020B	Manganese	0.051	mg/L	0.0040	04/28/23 22:05	
EPA 6020B	Barium, Dissolved	0.24	mg/L	0.0023	04/28/23 18:39	
EPA 6020B	Iron, Dissolved	1.4	mg/L	0.25	04/28/23 18:39	
EPA 6020B	Manganese, Dissolved	0.047	mg/L	0.0040	04/28/23 18:39	
EPA 6020B	Nickel, Dissolved	0.00041J	mg/L	0.0010	04/28/23 18:39	
EPA 300.0	Chloride	194	mg/L	100	05/04/23 13:48	
EPA 300.0	Sulfate	63.3J	mg/L	100	05/04/23 13:48	D3
EPA 310.2	Alkalinity, Total as CaCO3	566	mg/L	50.0	05/02/23 11:13	
SM 5310C	Total Organic Carbon	3.1	mg/L	0.50	04/28/23 09:59	
<b>40261402055</b>	<b>MW-2104</b>					
EPA 8260	cis-1,2-Dichloroethene	2.6	ug/L	1.0	05/01/23 10:43	
EPA 8260	Vinyl chloride	2.0	ug/L	1.0	05/01/23 10:43	

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40261402056</b>	<b>MW-2108</b>					
EPA 8260	Vinyl chloride	4.0	ug/L	1.0	05/01/23 13:58	
<b>40261402057</b>	<b>MW-2109</b>					
EPA 8260	cis-1,2-Dichloroethene	4.8	ug/L	1.0	05/01/23 14:57	
<b>40261402058</b>	<b>PZ-2109</b>					
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	05/01/23 14:18	
EPA 8260	Vinyl chloride	14.0	ug/L	1.0	05/01/23 14:18	
<b>40261402059</b>	<b>MW-2102</b>					
EPA 8015B Modified	Ethane	5.6	ug/L	5.6	05/02/23 10:03	
EPA 8015B Modified	Ethane	11.4	ug/L	5.0	05/02/23 10:03	
EPA 8015B Modified	Methane	10400	ug/L	140	05/02/23 13:52	
EPA 6020B	Iron	3.7	mg/L	0.25	04/28/23 22:12	
EPA 6020B	Manganese	0.58	mg/L	0.0040	04/28/23 22:12	
EPA 6020B	Barium, Dissolved	0.018	mg/L	0.0023	04/28/23 18:46	
EPA 6020B	Iron, Dissolved	2.0	mg/L	0.25	04/28/23 18:46	
EPA 6020B	Manganese, Dissolved	0.60	mg/L	0.0040	04/28/23 18:46	D9
EPA 6020B	Nickel, Dissolved	0.0027	mg/L	0.0010	04/28/23 18:46	
EPA 8260	cis-1,2-Dichloroethene	3.7	ug/L	1.0	05/01/23 14:37	
EPA 8260	Vinyl chloride	4.9	ug/L	1.0	05/01/23 14:37	
SM 4500-S F (2000)	Sulfide	6.4	mg/L	4.0	05/01/23 10:43	
EPA 300.0	Chloride	68.1	mg/L	40.0	05/04/23 14:33	
EPA 300.0	Sulfate	52.5	mg/L	40.0	05/04/23 14:33	
EPA 310.2	Alkalinity, Total as CaCO3	1220	mg/L	500	05/02/23 11:14	
EPA 410.4	Chemical Oxygen Demand	930	mg/L	100	05/03/23 05:50	
SM 5310C	Total Organic Carbon	290	mg/L	30.0	04/28/23 10:14	
<b>40261402060</b>	<b>MW-2110</b>					
EPA 8015B Modified	Methane	2.8	ug/L	2.8	05/02/23 14:36	
EPA 6020B	Iron	2.1	mg/L	0.25	04/28/23 22:19	
EPA 6020B	Manganese	0.40	mg/L	0.0040	04/28/23 22:19	
EPA 6020B	Barium, Dissolved	0.022	mg/L	0.0023	04/28/23 18:54	
EPA 6020B	Iron, Dissolved	0.44	mg/L	0.25	04/28/23 18:54	
EPA 6020B	Manganese, Dissolved	0.21	mg/L	0.0040	04/28/23 18:54	
EPA 6020B	Nickel, Dissolved	0.0019	mg/L	0.0010	04/28/23 18:54	
EPA 8260	Benzene	0.47J	ug/L	1.0	05/01/23 11:02	
EPA 8260	cis-1,2-Dichloroethene	3.8	ug/L	1.0	05/01/23 11:02	
EPA 8260	Vinyl chloride	6.1	ug/L	1.0	05/01/23 11:02	
EPA 300.0	Chloride	111	mg/L	40.0	05/04/23 15:17	
EPA 300.0	Sulfate	423	mg/L	40.0	05/04/23 15:17	
EPA 310.2	Alkalinity, Total as CaCO3	353	mg/L	25.0	05/02/23 11:15	
SM 5310C	Total Organic Carbon	3.0	mg/L	0.50	04/28/23 10:28	
<b>40261402061</b>	<b>PZ-2110</b>					
EPA 8015B Modified	Methane	2.8J	ug/L	2.8	05/02/23 10:17	
EPA 6020B	Iron	1.1	mg/L	0.25	04/28/23 23:25	
EPA 6020B	Manganese	0.13	mg/L	0.0040	04/28/23 23:25	
EPA 6020B	Barium, Dissolved	0.054	mg/L	0.0023	04/28/23 19:01	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402061</b>	<b>PZ-2110</b>					
EPA 6020B	Calcium, Dissolved	172	mg/L	0.25	04/28/23 19:01	
EPA 6020B	Iron, Dissolved	0.91	mg/L	0.25	04/28/23 19:01	
EPA 6020B	Magnesium, Dissolved	88.4	mg/L	0.25	04/28/23 19:01	
EPA 6020B	Manganese, Dissolved	0.12	mg/L	0.0040	04/28/23 19:01	
EPA 6020B	Nickel, Dissolved	0.0017	mg/L	0.0010	04/28/23 19:01	
EPA 6020B	Potassium, Dissolved	3.9	mg/L	0.79	04/28/23 19:01	
EPA 6020B	Sodium, Dissolved	240	mg/L	0.25	04/28/23 19:01	
EPA 300.0	Chloride	576	mg/L	40.0	05/04/23 15:32	
EPA 300.0	Sulfate	343	mg/L	40.0	05/04/23 15:32	
EPA 310.2	Alkalinity, Total as CaCO3	309	mg/L	25.0	05/02/23 11:16	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	04/28/23 10:47	
<b>40261402062</b>	<b>MW-61</b>					
EPA 8015B Modified	Ethane	12.9	ug/L	5.6	05/02/23 10:24	
EPA 8015B Modified	Ethene	80.8	ug/L	5.0	05/02/23 10:24	
EPA 8015B Modified	Methane	2300	ug/L	70.0	05/02/23 16:59	
EPA 6020B	Iron	4.5	mg/L	0.25	04/28/23 23:33	
EPA 6020B	Manganese	0.15	mg/L	0.0040	04/28/23 23:33	
EPA 6020B	Barium, Dissolved	0.074	mg/L	0.0023	04/28/23 19:08	
EPA 6020B	Iron, Dissolved	3.8	mg/L	0.25	04/28/23 19:08	
EPA 6020B	Manganese, Dissolved	0.14	mg/L	0.0040	04/28/23 19:08	
EPA 6020B	Nickel, Dissolved	0.0015	mg/L	0.0010	04/28/23 19:08	
EPA 8260	cis-1,2-Dichloroethene	1140	ug/L	10.0	04/28/23 22:49	
EPA 8260	trans-1,2-Dichloroethene	7.1J	ug/L	10.0	04/28/23 22:49	
EPA 8260	Trichloroethene	10.2	ug/L	10.0	04/28/23 22:49	
EPA 8260	Vinyl chloride	1040	ug/L	10.0	04/28/23 22:49	
EPA 300.0	Chloride	272	mg/L	20.0	05/04/23 16:32	
EPA 300.0	Sulfate	77.5	mg/L	20.0	05/04/23 16:32	
EPA 310.2	Alkalinity, Total as CaCO3	377	mg/L	25.0	05/02/23 11:20	
EPA 410.4	Chemical Oxygen Demand	36.6J	mg/L	52.6	05/05/23 05:49	
SM 5310C	Total Organic Carbon	7.4	mg/L	1.5	04/28/23 11:05	
<b>40261402063</b>	<b>PZ-61</b>					
EPA 8015B Modified	Ethane	11.6	ug/L	5.6	05/02/23 10:31	
EPA 8015B Modified	Methane	12300	ug/L	350	05/02/23 17:06	
EPA 6020B	Iron	27.1	mg/L	0.25	04/28/23 23:40	
EPA 6020B	Manganese	0.28	mg/L	0.0040	04/28/23 23:40	
EPA 6020B	Barium, Dissolved	0.15	mg/L	0.0023	04/28/23 19:16	
EPA 6020B	Iron, Dissolved	27.3	mg/L	0.25	04/28/23 19:16	D9
EPA 6020B	Manganese, Dissolved	0.25	mg/L	0.0040	04/28/23 19:16	
EPA 6020B	Nickel, Dissolved	0.0051	mg/L	0.0010	04/28/23 19:16	
EPA 8260	cis-1,2-Dichloroethene	0.65J	ug/L	1.0	04/28/23 20:51	
EPA 8260	Toluene	0.42J	ug/L	1.0	04/28/23 20:51	
SM 4500-S F (2000)	Sulfide	2.8J	mg/L	4.0	05/01/23 10:49	1q
EPA 300.0	Chloride	176	mg/L	40.0	05/04/23 16:46	
EPA 300.0	Sulfate	34.6J	mg/L	40.0	05/04/23 16:46	D3
EPA 310.2	Alkalinity, Total as CaCO3	442	mg/L	125	05/02/23 11:21	
EPA 410.4	Chemical Oxygen Demand	87.9	mg/L	52.6	05/05/23 05:49	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402063</b>	<b>PZ-61</b>					
SM 5310C	Total Organic Carbon	20.6	mg/L	3.0	04/28/23 11:20	
<b>40261402064</b>	<b>MW-2107</b>					
EPA 8015B Modified	Ethane	15.5	ug/L	5.6	05/02/23 10:38	
EPA 8015B Modified	Ethene	3.2J	ug/L	5.0	05/02/23 10:38	
EPA 8015B Modified	Methane	21300	ug/L	280	05/02/23 15:11	
EPA 6020B	Iron	38.7	mg/L	0.25	05/02/23 05:32	
EPA 6020B	Manganese	0.086	mg/L	0.0040	05/02/23 05:32	
EPA 6020B	Barium, Dissolved	0.013	mg/L	0.0023	05/04/23 18:12	
EPA 6020B	Chromium, Dissolved	0.0013J	mg/L	0.0034	05/04/23 18:12	
EPA 6020B	Iron, Dissolved	32.3	mg/L	0.25	05/04/23 18:12	
EPA 6020B	Manganese, Dissolved	0.060	mg/L	0.0040	05/04/23 18:12	
EPA 6020B	Nickel, Dissolved	0.00095J	mg/L	0.0010	05/04/23 18:12	
EPA 8260	Benzene	1.1	ug/L	1.0	04/28/23 21:11	
EPA 8260	Chloroethane	7.1	ug/L	5.0	04/28/23 21:11	
EPA 8260	1,1-Dichloroethane	0.75J	ug/L	1.0	04/28/23 21:11	
EPA 8260	Vinyl chloride	1.1	ug/L	1.0	04/28/23 21:11	
EPA 300.0	Chloride	40.1J	mg/L	100	05/04/23 17:01	D3
EPA 300.0	Sulfate	366	mg/L	100	05/04/23 17:01	
EPA 310.2	Alkalinity, Total as CaCO3	828	mg/L	125	05/02/23 12:02	
EPA 410.4	Chemical Oxygen Demand	160	mg/L	50.0	05/05/23 05:50	
SM 5310C	Total Organic Carbon	43.0	mg/L	7.5	04/28/23 12:05	
<b>40261402065</b>	<b>PZ-2107</b>					
EPA 8015B Modified	Ethane	1.0J	ug/L	5.0	05/02/23 14:43	
EPA 8015B Modified	Methane	3.9	ug/L	2.8	05/02/23 14:43	
EPA 6020B	Iron	0.26	mg/L	0.25	05/02/23 06:02	
EPA 6020B	Manganese	0.027	mg/L	0.0040	05/02/23 06:02	
EPA 6020B	Barium, Dissolved	0.045	mg/L	0.0023	05/04/23 18:42	
EPA 6020B	Manganese, Dissolved	0.010	mg/L	0.0040	05/04/23 18:42	
EPA 6020B	Nickel, Dissolved	0.0049	mg/L	0.0010	05/04/23 18:42	
EPA 8260	cis-1,2-Dichloroethene	319	ug/L	4.0	05/01/23 10:28	
EPA 8260	trans-1,2-Dichloroethene	4.4	ug/L	4.0	05/01/23 10:28	
EPA 8260	Vinyl chloride	16.6	ug/L	4.0	05/01/23 10:28	
EPA 300.0	Chloride	397	mg/L	20.0	05/04/23 17:16	
EPA 300.0	Sulfate	236	mg/L	20.0	05/04/23 17:16	
EPA 310.2	Alkalinity, Total as CaCO3	353	mg/L	25.0	05/02/23 11:38	
EPA 410.4	Chemical Oxygen Demand	15.7J	mg/L	50.0	05/05/23 05:50	
SM 5310C	Total Organic Carbon	5.5	mg/L	1.5	04/28/23 13:10	
<b>40261402066</b>	<b>MW-2103</b>					
EPA 8015B Modified	Ethane	11.7	ug/L	5.6	05/02/23 10:52	
EPA 8015B Modified	Ethene	284	ug/L	5.0	05/02/23 10:52	
EPA 8015B Modified	Methane	8870	ug/L	112	05/02/23 15:18	
EPA 6020B	Iron	12.2	mg/L	0.25	05/02/23 06:17	
EPA 6020B	Manganese	0.58	mg/L	0.040	05/02/23 14:33	
EPA 6020B	Barium, Dissolved	0.048	mg/L	0.0023	05/04/23 18:57	
EPA 6020B	Iron, Dissolved	11.6	mg/L	0.25	05/04/23 18:57	
EPA 6020B	Manganese, Dissolved	0.59	mg/L	0.0040	05/04/23 18:57	D9

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402066</b>	<b>MW-2103</b>					
EPA 6020B	Nickel, Dissolved	0.0033	mg/L	0.0010	05/04/23 18:57	
EPA 8260	cis-1,2-Dichloroethene	359	ug/L	4.0	05/01/23 10:48	
EPA 8260	trans-1,2-Dichloroethene	6.1	ug/L	4.0	05/01/23 10:48	
EPA 8260	Trichloroethene	5.4	ug/L	4.0	05/01/23 10:48	
EPA 8260	Vinyl chloride	572	ug/L	4.0	05/01/23 10:48	
EPA 300.0	Chloride	158	mg/L	100	05/04/23 17:31	
EPA 300.0	Sulfate	1170	mg/L	100	05/04/23 17:31	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	631	mg/L	125	05/02/23 11:39	
EPA 410.4	Chemical Oxygen Demand	60.2	mg/L	50.0	05/05/23 05:50	
SM 5310C	Total Organic Carbon	19.1	mg/L	5.0	04/28/23 13:58	
<b>40261402067</b>	<b>MW-2103D</b>					
EPA 8015B Modified	Ethane	12.1	ug/L	5.6	05/02/23 10:59	
EPA 8015B Modified	Ethene	295	ug/L	5.0	05/02/23 10:59	
EPA 8015B Modified	Methane	7830	ug/L	112	05/02/23 15:25	
EPA 6020B	Iron	12.3	mg/L	0.25	05/02/23 06:24	
EPA 6020B	Manganese	0.59	mg/L	0.040	05/02/23 14:41	
EPA 6020B	Barium, Dissolved	0.046	mg/L	0.0023	05/04/23 19:04	
EPA 6020B	Iron, Dissolved	10.9	mg/L	0.25	05/04/23 19:04	
EPA 6020B	Manganese, Dissolved	0.58	mg/L	0.0040	05/04/23 19:04	
EPA 6020B	Nickel, Dissolved	0.0036	mg/L	0.0010	05/04/23 19:04	
EPA 8260	cis-1,2-Dichloroethene	300	ug/L	2.5	05/01/23 11:27	
EPA 8260	trans-1,2-Dichloroethene	5.0	ug/L	2.5	05/01/23 11:27	
EPA 8260	Trichloroethene	8.4	ug/L	2.5	05/01/23 11:27	
EPA 8260	Vinyl chloride	472	ug/L	25.0	04/29/23 01:07	
EPA 300.0	Chloride	160	mg/L	100	05/04/23 17:46	
EPA 300.0	Sulfate	1190	mg/L	100	05/04/23 17:46	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	612	mg/L	125	05/02/23 11:40	
EPA 410.4	Chemical Oxygen Demand	60.2	mg/L	50.0	05/05/23 05:50	
SM 5310C	Total Organic Carbon	18.9	mg/L	3.0	04/28/23 14:12	
<b>40261402068</b>	<b>PZ-2103</b>					
EPA 8015B Modified	Ethane	339	ug/L	5.6	05/02/23 11:06	pH
EPA 8015B Modified	Ethene	11300	ug/L	250	05/02/23 15:32	pH
EPA 8015B Modified	Methane	55.0	ug/L	2.8	05/02/23 11:06	pH
EPA 6020B	Iron	66.4	mg/L	5.0	05/02/23 14:48	
EPA 6020B	Manganese	1.9	mg/L	0.081	05/02/23 14:48	
EPA 6020B	Barium, Dissolved	0.021J	mg/L	0.023	05/04/23 19:26	D3
EPA 6020B	Calcium, Dissolved	450	mg/L	2.5	05/04/23 19:26	
EPA 6020B	Iron, Dissolved	82.5	mg/L	2.5	05/04/23 19:26	CR
EPA 6020B	Magnesium, Dissolved	168	mg/L	2.5	05/04/23 19:26	
EPA 6020B	Manganese, Dissolved	1.6	mg/L	0.040	05/04/23 19:26	
EPA 6020B	Nickel, Dissolved	0.0084J	mg/L	0.010	05/04/23 19:26	D3
EPA 6020B	Potassium, Dissolved	10.8	mg/L	7.9	05/04/23 19:26	
EPA 6020B	Sodium, Dissolved	6560	mg/L	25.0	05/05/23 19:26	
EPA 8260	cis-1,2-Dichloroethene	47300	ug/L	5000	04/29/23 00:28	
EPA 8260	Trichloroethene	659000	ug/L	5000	04/29/23 00:28	
EPA 300.0	Chloride	906J	mg/L	1000	05/04/23 18:01	D3

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402068</b>	<b>PZ-2103</b>					
EPA 300.0	Sulfate	13100	mg/L	1000	05/04/23 18:01	
EPA 310.2	Alkalinity, Total as CaCO3	4720	mg/L	250	05/02/23 11:41	
EPA 410.4	Chemical Oxygen Demand	6210	mg/L	1000	05/05/23 05:50	
SM 5310C	Total Organic Carbon	1930	mg/L	50.0	04/28/23 14:28	
<b>40261402069</b>	<b>PZ-2103D</b>					
EPA 8015B Modified	Ethane	170	ug/L	5.6	05/02/23 12:49	pH
EPA 8015B Modified	Ethene	6890	ug/L	200	05/02/23 15:39	pH
EPA 8015B Modified	Methane	25.6	ug/L	2.8	05/02/23 12:49	pH
EPA 6020B	Iron	68.3	mg/L	5.0	05/02/23 14:55	
EPA 6020B	Manganese	1.8	mg/L	0.081	05/02/23 14:55	
EPA 6020B	Barium, Dissolved	0.022J	mg/L	0.023	05/04/23 19:33	D3
EPA 6020B	Iron, Dissolved	85.8	mg/L	2.5	05/04/23 19:33	CR
EPA 6020B	Manganese, Dissolved	1.6	mg/L	0.040	05/04/23 19:33	
EPA 6020B	Nickel, Dissolved	0.0079J	mg/L	0.010	05/04/23 19:33	D3
EPA 8260	cis-1,2-Dichloroethene	13500	ug/L	2000	05/01/23 11:07	
EPA 8260	Trichloroethene	185000	ug/L	2000	05/01/23 11:07	
SM 4500-S F (2000)	Sulfide	12.0J	mg/L	39.9	05/01/23 13:59	D3
EPA 300.0	Chloride	901J	mg/L	1000	05/04/23 18:16	D3
EPA 300.0	Sulfate	13000	mg/L	1000	05/04/23 18:16	
EPA 310.2	Alkalinity, Total as CaCO3	4750	mg/L	250	05/02/23 11:42	
EPA 410.4	Chemical Oxygen Demand	5740	mg/L	1000	05/05/23 05:51	
SM 5310C	Total Organic Carbon	1910	mg/L	75.0	04/28/23 14:44	
<b>40261402070</b>	<b>MW-2113</b>					
EPA 8015B Modified	Ethane	1.2J	ug/L	5.6	05/02/23 12:56	
EPA 8015B Modified	Ethene	9.3	ug/L	5.0	05/02/23 12:56	
EPA 8015B Modified	Methane	2240	ug/L	28.0	05/02/23 16:10	
EPA 6020B	Iron	3.0	mg/L	0.25	05/02/23 15:03	
EPA 6020B	Manganese	0.18	mg/L	0.0040	05/02/23 15:03	
EPA 6020B	Barium, Dissolved	0.11	mg/L	0.0023	05/04/23 19:41	
EPA 6020B	Iron, Dissolved	3.2	mg/L	0.25	05/04/23 19:41	D9
EPA 6020B	Manganese, Dissolved	0.19	mg/L	0.0040	05/04/23 19:41	D9
EPA 6020B	Nickel, Dissolved	0.0092	mg/L	0.0010	05/04/23 19:41	
EPA 8260	cis-1,2-Dichloroethene	682	ug/L	10.0	05/01/23 10:08	
EPA 8260	trans-1,2-Dichloroethene	28.4	ug/L	1.0	04/28/23 22:10	
EPA 8260	Trichloroethene	0.57J	ug/L	1.0	04/28/23 22:10	
EPA 8260	Vinyl chloride	1010	ug/L	10.0	05/01/23 10:08	
SM 4500-S F (2000)	Sulfide	1.2J	mg/L	4.0	05/01/23 14:00	
EPA 300.0	Chloride	51.9	mg/L	40.0	05/04/23 18:30	
EPA 300.0	Sulfate	540	mg/L	40.0	05/04/23 18:30	
EPA 310.2	Alkalinity, Total as CaCO3	534	mg/L	250	05/02/23 11:47	
EPA 410.4	Chemical Oxygen Demand	96.2	mg/L	50.0	05/05/23 05:51	
SM 5310C	Total Organic Carbon	40.4	mg/L	15.0	04/28/23 14:59	
<b>40261402071</b>	<b>PZ-2113</b>					
EPA 8015B Modified	Ethane	148	ug/L	5.6	05/02/23 13:03	
EPA 8015B Modified	Ethene	1250	ug/L	200	05/02/23 16:17	
EPA 8015B Modified	Methane	5170	ug/L	112	05/02/23 16:17	

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402071</b>	<b>PZ-2113</b>					
EPA 6020B	Iron	54.8	mg/L	2.5	05/02/23 15:12	
EPA 6020B	Manganese	0.32	mg/L	0.040	05/02/23 15:12	
EPA 6020B	Barium, Dissolved	1.1	mg/L	0.0023	05/04/23 19:48	
EPA 6020B	Iron, Dissolved	54.4	mg/L	0.25	05/04/23 19:48	
EPA 6020B	Manganese, Dissolved	0.35	mg/L	0.0040	05/04/23 19:48	D9
EPA 8260	Benzene	0.96J	ug/L	1.0	05/01/23 09:29	
EPA 8260	cis-1,2-Dichloroethene	8.1	ug/L	1.0	05/01/23 09:29	
EPA 8260	trans-1,2-Dichloroethene	2.8	ug/L	1.0	05/01/23 09:29	
EPA 8260	Toluene	0.44J	ug/L	1.0	05/01/23 09:29	
EPA 8260	Trichloroethene	0.37J	ug/L	1.0	05/01/23 09:29	
EPA 8260	Vinyl chloride	35.8	ug/L	1.0	05/01/23 09:29	
EPA 300.0	Chloride	326	mg/L	20.0	05/04/23 18:45	
EPA 300.0	Sulfate	7.7J	mg/L	20.0	05/04/23 18:45	D3
EPA 310.2	Alkalinity, Total as CaCO3	1710	mg/L	250	05/02/23 11:48	
EPA 410.4	Chemical Oxygen Demand	156	mg/L	50.0	05/05/23 05:51	
SM 5310C	Total Organic Carbon	1090	mg/L	75.0	04/28/23 15:14	
<b>40261402072</b>	<b>MW-2111</b>					
EPA 8015B Modified	Ethane	16.3	ug/L	5.6	05/02/23 13:10	
EPA 8015B Modified	Ethene	11.5	ug/L	5.0	05/02/23 13:10	
EPA 8015B Modified	Methane	8670	ug/L	112	05/02/23 16:24	
EPA 6020B	Iron	40.4	mg/L	2.5	05/02/23 15:19	
EPA 6020B	Manganese	0.18	mg/L	0.040	05/02/23 15:19	
EPA 6020B	Barium, Dissolved	0.042	mg/L	0.0023	05/04/23 19:55	
EPA 6020B	Iron, Dissolved	28.0	mg/L	0.25	05/04/23 19:55	
EPA 6020B	Manganese, Dissolved	0.26	mg/L	0.0040	05/04/23 19:55	CR
EPA 6020B	Nickel, Dissolved	0.062	mg/L	0.0010	05/04/23 19:55	
EPA 8260	Benzene	0.51J	ug/L	1.0	05/01/23 09:48	
EPA 8260	cis-1,2-Dichloroethene	18.3	ug/L	1.0	05/01/23 09:48	
EPA 8260	Toluene	0.31J	ug/L	1.0	05/01/23 09:48	
EPA 8260	Trichloroethene	0.80J	ug/L	1.0	05/01/23 09:48	
EPA 8260	Vinyl chloride	2.7	ug/L	1.0	05/01/23 09:48	
EPA 300.0	Chloride	30.0J	mg/L	100	05/04/23 19:50	D3
EPA 300.0	Sulfate	1580	mg/L	100	05/04/23 19:50	
EPA 310.2	Alkalinity, Total as CaCO3	433	mg/L	250	05/02/23 11:49	
EPA 410.4	Chemical Oxygen Demand	351	mg/L	200	05/05/23 05:51	
SM 5310C	Total Organic Carbon	104	mg/L	75.0	04/28/23 15:48	
<b>40261402073</b>	<b>PZ-2111</b>					
EPA 8015B Modified	Ethane	39.3	ug/L	5.6	05/02/23 13:17	
EPA 8015B Modified	Ethene	19.6	ug/L	5.0	05/02/23 13:17	
EPA 8015B Modified	Methane	7550	ug/L	140	05/02/23 16:31	
EPA 6020B	Iron	119	mg/L	5.0	05/02/23 15:27	
EPA 6020B	Manganese	0.77	mg/L	0.081	05/02/23 15:27	
EPA 6020B	Barium, Dissolved	2.0	mg/L	0.0023	05/04/23 20:03	
EPA 6020B	Iron, Dissolved	126	mg/L	0.25	05/04/23 20:03	D9
EPA 6020B	Manganese, Dissolved	0.82	mg/L	0.0040	05/04/23 20:03	D9
EPA 8260	Benzene	0.39J	ug/L	1.0	04/28/23 21:31	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40261402

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40261402073</b>	<b>PZ-2111</b>					
EPA 8260	Chloroethane	3.7J	ug/L	5.0	04/28/23 21:31	
EPA 8260	cis-1,2-Dichloroethene	6.9	ug/L	1.0	04/28/23 21:31	
EPA 8260	Ethylbenzene	0.60J	ug/L	1.0	04/28/23 21:31	
EPA 8260	Trichloroethene	0.71J	ug/L	1.0	04/28/23 21:31	
EPA 300.0	Chloride	91.4	mg/L	20.0	05/04/23 20:05	
EPA 310.2	Alkalinity, Total as CaCO3	3690	mg/L	250	05/02/23 11:50	
EPA 410.4	Chemical Oxygen Demand	7610	mg/L	1000	05/05/23 05:51	
SM 5310C	Total Organic Carbon	2820	mg/L	500	04/28/23 16:03	
<b>40261402074</b>	<b>MW-2101</b>					
EPA 8015B Modified	Ethane	84.3	ug/L	5.6	05/02/23 13:24	
EPA 8015B Modified	Ethene	173	ug/L	5.0	05/02/23 13:24	
EPA 8015B Modified	Methane	17900	ug/L	280	05/02/23 16:38	
EPA 6020B	Iron	11.3	mg/L	0.25	05/02/23 15:34	
EPA 6020B	Manganese	0.011	mg/L	0.0040	05/02/23 15:34	
EPA 6020B	Barium, Dissolved	0.047	mg/L	0.0023	05/04/23 20:10	
EPA 6020B	Chromium, Dissolved	0.0015J	mg/L	0.0034	05/04/23 20:10	
EPA 6020B	Iron, Dissolved	12.7	mg/L	0.25	05/04/23 20:10	D9
EPA 6020B	Manganese, Dissolved	0.013	mg/L	0.0040	05/04/23 20:10	CR
EPA 6020B	Nickel, Dissolved	0.00042J	mg/L	0.0010	05/04/23 20:10	
EPA 8260	Benzene	0.73J	ug/L	1.0	05/01/23 18:42	
EPA 8260	Toluene	0.56J	ug/L	1.0	05/01/23 18:42	
EPA 300.0	Chloride	76.5	mg/L	20.0	05/04/23 20:19	
EPA 310.2	Alkalinity, Total as CaCO3	470	mg/L	125	05/02/23 11:51	
EPA 410.4	Chemical Oxygen Demand	659	mg/L	100	05/05/23 05:51	
SM 5310C	Total Organic Carbon	234	mg/L	50.0	04/28/23 16:17	
<b>40261402075</b>	<b>PZ-2101</b>					
EPA 8015B Modified	Ethane	5210	ug/L	280	05/02/23 16:45	pH
EPA 8015B Modified	Ethene	6530	ug/L	625	05/02/23 17:13	pH
EPA 8015B Modified	Methane	2860	ug/L	140	05/02/23 16:45	pH
EPA 6020B	Iron	471	mg/L	1.2	05/02/23 15:56	
EPA 6020B	Manganese	1.3	mg/L	0.020	05/02/23 15:56	
EPA 6020B	Barium, Dissolved	1.6	mg/L	0.012	05/04/23 20:17	
EPA 6020B	Calcium, Dissolved	1180	mg/L	1.3	05/04/23 20:17	
EPA 6020B	Iron, Dissolved	485	mg/L	1.2	05/04/23 20:17	D9
EPA 6020B	Magnesium, Dissolved	205	mg/L	1.2	05/04/23 20:17	
EPA 6020B	Manganese, Dissolved	1.3	mg/L	0.020	05/04/23 20:17	
EPA 6020B	Potassium, Dissolved	7.3	mg/L	3.9	05/04/23 20:17	
EPA 6020B	Sodium, Dissolved	577	mg/L	1.2	05/04/23 20:17	
EPA 8260	cis-1,2-Dichloroethene	31300	ug/L	1000	04/29/23 00:08	
EPA 8260	Trichloroethene	57400	ug/L	1000	04/29/23 00:08	
EPA 8260	Vinyl chloride	22300	ug/L	1000	04/29/23 00:08	
SM 4500-S F (2000)	Sulfide	48.0J	mg/L	159	05/01/23 14:15	1q,D3
EPA 300.0	Chloride	882	mg/L	40.0	05/04/23 20:34	
EPA 300.0	Sulfate	18.9J	mg/L	40.0	05/04/23 20:34	D3
EPA 310.2	Alkalinity, Total as CaCO3	4550	mg/L	250	05/02/23 11:52	
EPA 410.4	Chemical Oxygen Demand	9390	mg/L	1000	05/05/23 05:52	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40261402075</b>	<b>PZ-2101</b>					
SM 5310C	Total Organic Carbon	1640	mg/L	75.0	04/28/23 16:32	
<b>40261402076</b>	<b>MW-2114</b>					
EPA 8015B Modified	Ethane	20.1	ug/L	5.6	05/02/23 13:38	
EPA 8015B Modified	Ethene	8.9	ug/L	5.0	05/02/23 13:38	
EPA 8015B Modified	Methane	8670	ug/L	140	05/02/23 16:52	
EPA 6020B	Iron	4.2	mg/L	0.25	05/02/23 16:03	
EPA 6020B	Manganese	0.30	mg/L	0.0040	05/02/23 16:03	
EPA 6020B	Barium, Dissolved	0.11	mg/L	0.0023	05/04/23 20:25	
EPA 6020B	Iron, Dissolved	3.6	mg/L	0.25	05/04/23 20:25	
EPA 6020B	Manganese, Dissolved	0.31	mg/L	0.0040	05/04/23 20:25	D9
EPA 6020B	Nickel, Dissolved	0.014	mg/L	0.0010	05/04/23 20:25	
EPA 8260	1,1-Dichloroethane	0.53J	ug/L	1.0	04/28/23 21:50	
EPA 8260	cis-1,2-Dichloroethene	5.7	ug/L	1.0	04/28/23 21:50	
EPA 8260	Vinyl chloride	7.5	ug/L	1.0	04/28/23 21:50	
EPA 300.0	Chloride	92.1	mg/L	20.0	05/04/23 20:49	
EPA 300.0	Sulfate	268	mg/L	20.0	05/04/23 20:49	
EPA 310.2	Alkalinity, Total as CaCO3	609	mg/L	50.0	05/02/23 11:53	
EPA 410.4	Chemical Oxygen Demand	192	mg/L	50.0	05/05/23 05:52	
SM 5310C	Total Organic Carbon	43.8	mg/L	15.0	04/28/23 16:47	
<b>40261402077</b>	<b>PZ-2114</b>					
EPA 6020B	Manganese	0.0070	mg/L	0.0040	05/02/23 16:11	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0023	05/04/23 20:32	
EPA 6020B	Nickel, Dissolved	0.0039	mg/L	0.0010	05/04/23 20:32	
EPA 300.0	Chloride	132	mg/L	20.0	05/04/23 21:04	
EPA 300.0	Sulfate	201	mg/L	20.0	05/04/23 21:04	
EPA 310.2	Alkalinity, Total as CaCO3	242	mg/L	50.0	05/02/23 11:54	
SM 5310C	Total Organic Carbon	3.6	mg/L	0.50	04/28/23 17:03	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: TB-01**      **Lab ID: 40261402001**      Collected: 04/24/23 09:00      Received: 04/27/23 09:15      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		04/28/23 19:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:04	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:04	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:04	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:04	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:04	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:04	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:04	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:04	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: TB-01**      **Lab ID: 40261402001**      Collected: 04/24/23 09:00      Received: 04/27/23 09:15      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		04/28/23 19:04	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:04	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:04	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:04	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 19:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 19:04	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		04/28/23 19:04	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2302**      **Lab ID: 40261402002**      Collected: 04/24/23 09:55      Received: 04/27/23 09:15      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		04/28/23 21:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:28	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:28	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 21:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 21:28	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:28	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 21:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 21:28	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 21:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 21:28	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 21:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 21:28	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 21:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 21:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 21:28	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 21:28	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:28	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:28	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 21:28	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 21:28	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:28	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 21:28	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 21:28	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 21:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 21:28	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 21:28	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:28	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:28	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:28	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 21:28	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 21:28	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 21:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 21:28	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:28	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 21:28	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:28	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 21:28	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:28	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:28	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2302**      **Lab ID: 40261402002**      Collected: 04/24/23 09:55      Received: 04/27/23 09:15      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		04/28/23 21:28	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 21:28	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 21:28	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 21:28	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:28	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 21:28	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 21:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:28	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 21:28	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 21:28	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:28	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 21:28	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 21:28	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 21:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/28/23 21:28	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 21:28	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2301**      **Lab ID: 40261402003**      Collected: 04/24/23 10:50      Received: 04/27/23 09:15      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		05/01/23 11:19	74-84-0	
Ethene	5.1	ug/L	5.0	0.25	1		05/01/23 11:19	74-85-1	
Methane	1150	ug/L	28.0	5.8	10		05/01/23 14:17	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.45	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 19:23	7439-89-6	
Manganese	0.0018J	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 19:23	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.014	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 15:43	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 15:43	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 15:43	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 15:43	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 15:43	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 15:43	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		04/28/23 21:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:49	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:49	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 21:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 21:49	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:49	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 21:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 21:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 21:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 21:49	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 21:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 21:49	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 21:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 21:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 21:49	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 21:49	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:49	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:49	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 21:49	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 21:49	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:49	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2301**      **Lab ID: 40261402003**      Collected: 04/24/23 10:50      Received: 04/27/23 09:15      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		04/28/23 21:49	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		04/28/23 21:49	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 21:49	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 21:49	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 21:49	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:49	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:49	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:49	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 21:49	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 21:49	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 21:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 21:49	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:49	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 21:49	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:49	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 21:49	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:49	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:49	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 21:49	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 21:49	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 21:49	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 21:49	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 21:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:49	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 21:49	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 21:49	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 21:49	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 21:49	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 21:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/28/23 21:49	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 21:49	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	1.8J	mg/L	4.0	1.2	1		05/01/23 09:59		1q

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2301**      **Lab ID: 40261402003**      Collected: 04/24/23 10:50      Received: 04/27/23 09:15      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>25.6</b>	mg/L	10.0	2.2	5		05/01/23 20:43	16887-00-6	B
Sulfate	<b>35.4</b>	mg/L	10.0	2.2	5		05/01/23 20:43	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>115</b>	mg/L	50.0	14.9	2		05/02/23 10:54		
<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;15.5</b>	mg/L	52.6	15.5	1	05/03/23 02:43	05/03/23 05:48		
<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		04/28/23 04:21	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2301D**      **Lab ID: 40261402004**      Collected: 04/24/23 10:50      Received: 04/27/23 09:15      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	8.4	ug/L	5.6	0.39	1		05/01/23 11:26	74-84-0	
Ethene	6.5	ug/L	5.0	0.25	1		05/01/23 11:26	74-85-1	
Methane	1320	ug/L	28.0	5.8	10		05/01/23 14:24	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.44	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 20:07	7439-89-6	
Manganese	0.0021J	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:07	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.015	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 16:12	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 16:12	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 16:12	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 16:12	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 16:12	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 16:12	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		04/28/23 22:09	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:09	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 22:09	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:09	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 22:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 22:09	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 22:09	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 22:09	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 22:09	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 22:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 22:09	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 22:09	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 22:09	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 22:09	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 22:09	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 22:09	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 22:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 22:09	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 22:09	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:09	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:09	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 22:09	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 22:09	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:09	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2301D**      **Lab ID: 40261402004**      Collected: 04/24/23 10:50      Received: 04/27/23 09:15      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		04/28/23 22:09	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 22:09	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 22:09	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 22:09	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 22:09	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:09	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:09	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:09	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 22:09	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 22:09	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:09	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:09	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 22:09	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 22:09	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:09	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 22:09	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:09	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 22:09	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:09	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 22:09	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 22:09	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 22:09	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:09	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 22:09	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:09	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 22:09	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 22:09	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:09	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 22:09	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 22:09	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:09	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 22:09	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 22:09	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 22:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/28/23 22:09	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 22:09	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<b>3.0J</b>	mg/L	4.0	1.2	1		05/01/23 10:02		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2301D**      **Lab ID: 40261402004**      Collected: 04/24/23 10:50      Received: 04/27/23 09:15      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>25.9</b>	mg/L	10.0	2.2	5		05/01/23 20:56	16887-00-6	B
Sulfate	<b>34.4</b>	mg/L	10.0	2.2	5		05/01/23 20:56	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>115</b>	mg/L	25.0	7.4	1		05/02/23 10:57		
<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;15.5</b>	mg/L	52.6	15.5	1	05/03/23 02:43	05/03/23 05:48		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.0</b>	mg/L	0.50	0.14	1		04/28/23 05:11	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2302**      **Lab ID: 40261402005**      Collected: 04/24/23 10:00      Received: 04/27/23 09:15      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		04/28/23 22:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:30	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 22:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:30	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 22:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 22:30	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 22:30	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 22:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 22:30	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 22:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 22:30	108-90-7	
Chloroethane	8.1	ug/L	5.0	1.4	1		04/28/23 22:30	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 22:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 22:30	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 22:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 22:30	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 22:30	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 22:30	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 22:30	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 22:30	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:30	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:30	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 22:30	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 22:30	75-71-8	
1,1-Dichloroethane	22.4	ug/L	1.0	0.30	1		04/28/23 22:30	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 22:30	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 22:30	75-35-4	
cis-1,2-Dichloroethene	9.9	ug/L	1.0	0.47	1		04/28/23 22:30	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 22:30	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 22:30	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:30	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:30	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:30	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 22:30	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 22:30	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 22:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 22:30	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:30	99-87-6	
Methylene Chloride	3.0J	ug/L	5.0	0.32	1		04/28/23 22:30	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:30	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 22:30	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:30	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:30	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2302**      **Lab ID: 40261402005**      Collected: 04/24/23 10:00      Received: 04/27/23 09:15      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		04/28/23 22:30	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 22:30	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 22:30	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:30	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 22:30	120-82-1	
1,1,1-Trichloroethane	3.2	ug/L	1.0	0.30	1		04/28/23 22:30	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 22:30	79-00-5	
Trichloroethene	3.8	ug/L	1.0	0.32	1		04/28/23 22:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:30	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 22:30	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 22:30	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:30	108-67-8	
Vinyl chloride	2.5	ug/L	1.0	0.17	1		04/28/23 22:30	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 22:30	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		04/28/23 22:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/28/23 22:30	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 22:30	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2303**      **Lab ID: 40261402006**      Collected: 04/24/23 11:00      Received: 04/27/23 09:15      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	5.2J	ug/L	5.6	0.39	1		05/01/23 11:33	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		05/01/23 11:33	74-85-1	
Methane	3640	ug/L	70.0	14.4	25		05/01/23 14:31	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	2.0	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 20:22	7439-89-6	
Manganese	0.30	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:22	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.29	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 16:27	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 16:27	7440-47-3	
Iron, Dissolved	3.5	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 16:27	7439-89-6	CR
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 16:27	7439-92-1	
Manganese, Dissolved	0.29	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 16:27	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 16:27	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		04/28/23 22:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:51	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 22:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:51	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 22:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 22:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 22:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 22:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 22:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 22:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 22:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 22:51	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 22:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 22:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 22:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 22:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 22:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 22:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 22:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 22:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 22:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 22:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:51	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2303**      **Lab ID: 40261402006**      Collected: 04/24/23 11:00      Received: 04/27/23 09:15      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		04/28/23 22:51	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		04/28/23 22:51	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 22:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 22:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 22:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:51	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:51	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 22:51	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 22:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 22:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 22:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 22:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:51	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 22:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:51	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 22:51	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 22:51	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:51	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 22:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 22:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 22:51	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 22:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 22:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 22:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:51	108-67-8	
Vinyl chloride	0.23J	ug/L	1.0	0.17	1		04/28/23 22:51	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 22:51	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		04/28/23 22:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/28/23 22:51	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 22:51	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		05/01/23 10:05		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2303**      **Lab ID: 40261402006**      Collected: 04/24/23 11:00      Received: 04/27/23 09:15      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>161</b>	mg/L	20.0	4.3	10		05/01/23 21:09	16887-00-6	
Sulfate	<b>313</b>	mg/L	20.0	4.4	10		05/01/23 21:09	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>598</b>	mg/L	125	37.2	5		05/02/23 10:58		
<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	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.6</b>	mg/L	0.50	0.14	1		04/28/23 06:01	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2303**      **Lab ID: 40261402007**      Collected: 04/24/23 12:15      Received: 04/27/23 09:15      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>5.3J</b>	ug/L	5.6	0.39	1		05/01/23 11:40	74-84-0	
Ethene	<b>22.7</b>	ug/L	5.0	0.25	1		05/01/23 11:40	74-85-1	
Methane	<b>735</b>	ug/L	14.0	2.9	5		05/01/23 14:38	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>11.8</b>	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 20:29	7439-89-6	
Manganese	<b>0.44</b>	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:29	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>0.30</b>	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 16:34	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 16:34	7440-47-3	
Iron, Dissolved	<b>12.3</b>	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 16:34	7439-89-6	D9
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 16:34	7439-92-1	
Manganese, Dissolved	<b>0.43</b>	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 16:34	7439-96-5	
Nickel, Dissolved	<b>0.00046J</b>	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 16:34	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		04/28/23 23:11	71-43-2	
Bromobenzene	<b>&lt;0.36</b>	ug/L	1.0	0.36	1		04/28/23 23:11	108-86-1	
Bromochloromethane	<b>&lt;0.36</b>	ug/L	1.0	0.36	1		04/28/23 23:11	74-97-5	
Bromodichloromethane	<b>&lt;0.42</b>	ug/L	1.0	0.42	1		04/28/23 23:11	75-27-4	
Bromoform	<b>&lt;0.43</b>	ug/L	1.0	0.43	1		04/28/23 23:11	75-25-2	
Bromomethane	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		04/28/23 23:11	74-83-9	
n-Butylbenzene	<b>&lt;0.86</b>	ug/L	1.0	0.86	1		04/28/23 23:11	104-51-8	
sec-Butylbenzene	<b>&lt;0.42</b>	ug/L	1.0	0.42	1		04/28/23 23:11	135-98-8	
tert-Butylbenzene	<b>&lt;0.59</b>	ug/L	1.0	0.59	1		04/28/23 23:11	98-06-6	
Carbon tetrachloride	<b>&lt;0.37</b>	ug/L	1.0	0.37	1		04/28/23 23:11	56-23-5	
Chlorobenzene	<b>&lt;0.86</b>	ug/L	1.0	0.86	1		04/28/23 23:11	108-90-7	
Chloroethane	<b>&lt;1.4</b>	ug/L	5.0	1.4	1		04/28/23 23:11	75-00-3	
Chloroform	<b>&lt;0.50</b>	ug/L	5.0	0.50	1		04/28/23 23:11	67-66-3	
Chloromethane	<b>&lt;1.6</b>	ug/L	5.0	1.6	1		04/28/23 23:11	74-87-3	
2-Chlorotoluene	<b>&lt;0.89</b>	ug/L	5.0	0.89	1		04/28/23 23:11	95-49-8	
4-Chlorotoluene	<b>&lt;0.89</b>	ug/L	5.0	0.89	1		04/28/23 23:11	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;2.4</b>	ug/L	5.0	2.4	1		04/28/23 23:11	96-12-8	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	5.0	2.6	1		04/28/23 23:11	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.31</b>	ug/L	1.0	0.31	1		04/28/23 23:11	106-93-4	
Dibromomethane	<b>&lt;0.99</b>	ug/L	5.0	0.99	1		04/28/23 23:11	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.33</b>	ug/L	1.0	0.33	1		04/28/23 23:11	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.35</b>	ug/L	1.0	0.35	1		04/28/23 23:11	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.89</b>	ug/L	1.0	0.89	1		04/28/23 23:11	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.46</b>	ug/L	5.0	0.46	1		04/28/23 23:11	75-71-8	
1,1-Dichloroethane	<b>0.49J</b>	ug/L	1.0	0.30	1		04/28/23 23:11	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2303**      **Lab ID: 40261402007**      Collected: 04/24/23 12:15      Received: 04/27/23 09:15      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		04/28/23 23:11	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 23:11	75-35-4	
cis-1,2-Dichloroethene	4.2	ug/L	1.0	0.47	1		04/28/23 23:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 23:11	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 23:11	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 23:11	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 23:11	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 23:11	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 23:11	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 23:11	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 23:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 23:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 23:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 23:11	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 23:11	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 23:11	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 23:11	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 23:11	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 23:11	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 23:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 23:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 23:11	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 23:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 23:11	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 23:11	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 23:11	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 23:11	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 23:11	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 23:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 23:11	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 23:11	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 23:11	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 23:11	108-67-8	
Vinyl chloride	175	ug/L	1.0	0.17	1		04/28/23 23:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 23:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/28/23 23:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 23:11	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 23:11	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		05/01/23 10:08		
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2303**      **Lab ID: 40261402007**      Collected: 04/24/23 12:15      Received: 04/27/23 09:15      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>203</b>	mg/L	10.0	2.2	5		05/01/23 21:22	16887-00-6	
Sulfate	<b>315</b>	mg/L	40.0	8.9	20		05/02/23 20:57	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>490</b>	mg/L	50.0	14.9	2		05/02/23 10:59		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>24.2J</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.9</b>	mg/L	0.50	0.14	1		04/28/23 06:18	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2301**      **Lab ID: 40261402008**      Collected: 04/24/23 12:10      Received: 04/27/23 09:15      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	50.2	ug/L	5.6	0.39	1		05/01/23 11:47	74-84-0	
Ethene	156	ug/L	5.0	0.25	1		05/01/23 11:47	74-85-1	
Methane	11300	ug/L	280	57.6	100		05/01/23 14:45	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	16.0	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 20:36	7439-89-6	
Manganese	0.12	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:36	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.081	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 16:56	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 16:56	7440-47-3	
Iron, Dissolved	6.6	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 16:56	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 16:56	7439-92-1	
Manganese, Dissolved	0.092	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 16:56	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 16:56	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		05/01/23 10:50	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:50	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:50	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:50	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 10:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 10:50	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:50	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 10:50	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 10:50	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 10:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 10:50	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 10:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 10:50	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:50	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:50	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 10:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 10:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 10:50	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 10:50	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:50	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:50	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 10:50	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 10:50	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:50	75-34-3	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2301**      **Lab ID: 40261402008**      Collected: 04/24/23 12:10      Received: 04/27/23 09:15      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		05/01/23 10:50	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 10:50	75-35-4	
cis-1,2-Dichloroethene	<b>0.88J</b>	ug/L	1.0	0.47	1		05/01/23 10:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 10:50	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 10:50	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:50	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:50	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:50	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 10:50	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 10:50	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:50	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:50	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 10:50	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 10:50	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:50	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 10:50	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:50	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 10:50	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:50	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:50	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 10:50	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 10:50	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 10:50	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 10:50	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 10:50	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:50	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 10:50	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 10:50	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:50	108-67-8	
Vinyl chloride	<b>1.4</b>	ug/L	1.0	0.17	1		05/01/23 10:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 10:50	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		05/01/23 10:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/01/23 10:50	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 10:50	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<b>1.2J</b>	mg/L	4.0	1.2	1		05/01/23 10:12		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

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**Sample: MW-2301**      **Lab ID: 40261402008**      Collected: 04/24/23 12:10      Received: 04/27/23 09:15      Matrix: Water

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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>28.0</b>	mg/L	10.0	2.2	5		05/01/23 21:35	16887-00-6	B
Sulfate	<b>77.3</b>	mg/L	10.0	2.2	5		05/01/23 21:35	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>447</b>	mg/L	125	37.2	5		05/02/23 11:00		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>30.5J</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>8.1</b>	mg/L	0.50	0.14	1		04/28/23 06:55	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2301D**      **Lab ID: 40261402009**      Collected: 04/24/23 12:10      Received: 04/27/23 09:15      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	25.1	ug/L	5.6	0.39	1		05/01/23 12:11	74-84-0	
Ethene	76.7	ug/L	5.0	0.25	1		05/01/23 12:11	74-85-1	
Methane	6660	ug/L	140	28.8	50		05/01/23 15:06	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	14.5	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 20:44	7439-89-6	
Manganese	0.12	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:44	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.082	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:03	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:03	7440-47-3	
Iron, Dissolved	7.4	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:03	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:03	7439-92-1	
Manganese, Dissolved	0.093	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:03	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:03	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		05/01/23 10:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:29	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:29	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 10:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 10:29	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:29	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 10:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 10:29	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 10:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 10:29	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 10:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 10:29	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:29	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 10:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 10:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 10:29	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 10:29	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:29	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:29	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 10:29	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 10:29	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:29	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2301D**      **Lab ID: 40261402009**      Collected: 04/24/23 12:10      Received: 04/27/23 09:15      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		05/01/23 10:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 10:29	75-35-4	
cis-1,2-Dichloroethene	<b>0.99J</b>	ug/L	1.0	0.47	1		05/01/23 10:29	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 10:29	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 10:29	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:29	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:29	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:29	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 10:29	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 10:29	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 10:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 10:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:29	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 10:29	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:29	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 10:29	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:29	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:29	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 10:29	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 10:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 10:29	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 10:29	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 10:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:29	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 10:29	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 10:29	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:29	108-67-8	
Vinyl chloride	<b>1.6</b>	ug/L	1.0	0.17	1		05/01/23 10:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 10:29	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		05/01/23 10:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/01/23 10:29	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 10:29	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		05/01/23 10:16		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2301D**      **Lab ID: 40261402009**      Collected: 04/24/23 12:10      Received: 04/27/23 09:15      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>27.3</b>	mg/L	10.0	2.2	5		05/01/23 21:48	16887-00-6	B
Sulfate	<b>79.1</b>	mg/L	10.0	2.2	5		05/01/23 21:48	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>454</b>	mg/L	125	37.2	5		05/02/23 11:01		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>26.3J</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>7.6</b>	mg/L	0.50	0.14	1		04/28/23 07:11	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2106**      **Lab ID: 40261402010**      Collected: 04/24/23 13:10      Received: 04/27/23 09:15      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	1.7J	ug/L	5.6	0.39	1		05/01/23 12:18	74-84-0	
Ethene	29.5	ug/L	5.0	0.25	1		05/01/23 12:18	74-85-1	
Methane	979	ug/L	28.0	5.8	10		05/01/23 15:13	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	0.25	0.058	1	04/28/23 05:51	04/28/23 20:51	7439-89-6	
Manganese	0.33	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:51	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.028	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:11	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:11	7440-47-3	
Iron, Dissolved	4.6	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:11	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:11	7439-92-1	
Manganese, Dissolved	0.31	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:11	7439-96-5	
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:11	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		04/29/23 00:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 00:14	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/29/23 00:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 00:14	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/29/23 00:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/29/23 00:14	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 00:14	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/29/23 00:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/29/23 00:14	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/29/23 00:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 00:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/29/23 00:14	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/29/23 00:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/29/23 00:14	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 00:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 00:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/29/23 00:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/29/23 00:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/29/23 00:14	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/29/23 00:14	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 00:14	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 00:14	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/29/23 00:14	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/29/23 00:14	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 00:14	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2106**      **Lab ID: 40261402010**      Collected: 04/24/23 13:10      Received: 04/27/23 09:15      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		04/29/23 00:14	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/29/23 00:14	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/29/23 00:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/29/23 00:14	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/29/23 00:14	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/29/23 00:14	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/29/23 00:14	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/29/23 00:14	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/29/23 00:14	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/29/23 00:14	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 00:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 00:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/29/23 00:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/29/23 00:14	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/29/23 00:14	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/29/23 00:14	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 00:14	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/29/23 00:14	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 00:14	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/29/23 00:14	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/29/23 00:14	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/29/23 00:14	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/29/23 00:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/29/23 00:14	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/29/23 00:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/29/23 00:14	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 00:14	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/29/23 00:14	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/29/23 00:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 00:14	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/29/23 00:14	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/29/23 00:14	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 00:14	108-67-8	
Vinyl chloride	65.9	ug/L	1.0	0.17	1		04/29/23 00:14	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/29/23 00:14	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/29/23 00:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/29/23 00:14	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		04/29/23 00:14	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		05/01/23 10:19		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2106**      **Lab ID: 40261402010**      Collected: 04/24/23 13:10      Received: 04/27/23 09:15      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>41.4</b>	mg/L	10.0	2.2	5		05/01/23 22:01	16887-00-6	B
Sulfate	<b>894</b>	mg/L	100	22.2	50		05/02/23 21:10	14808-79-8	M0
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>489</b>	mg/L	125	37.2	5		05/02/23 11:02		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>94.1</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>27.5</b>	mg/L	15.0	4.2	30		04/28/23 07:27	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2105**      **Lab ID: 40261402011**      Collected: 04/24/23 13:50      Received: 04/27/23 09:15      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		04/29/23 00:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 00:34	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/29/23 00:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 00:34	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/29/23 00:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/29/23 00:34	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 00:34	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/29/23 00:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/29/23 00:34	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/29/23 00:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 00:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/29/23 00:34	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/29/23 00:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/29/23 00:34	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 00:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/29/23 00:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/29/23 00:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/29/23 00:34	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/29/23 00:34	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 00:34	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 00:34	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/29/23 00:34	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/29/23 00:34	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 00:34	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/29/23 00:34	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/29/23 00:34	75-35-4	
cis-1,2-Dichloroethene	107	ug/L	1.0	0.47	1		04/29/23 00:34	156-59-2	
trans-1,2-Dichloroethene	0.64J	ug/L	1.0	0.53	1		04/29/23 00:34	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/29/23 00:34	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/29/23 00:34	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/29/23 00:34	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/29/23 00:34	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/29/23 00:34	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/29/23 00:34	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 00:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 00:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/29/23 00:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/29/23 00:34	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/29/23 00:34	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/29/23 00:34	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 00:34	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/29/23 00:34	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 00:34	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/29/23 00:34	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2105**      **Lab ID: 40261402011**      Collected: 04/24/23 13:50      Received: 04/27/23 09:15      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		04/29/23 00:34	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/29/23 00:34	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/29/23 00:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/29/23 00:34	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/29/23 00:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/29/23 00:34	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 00:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/29/23 00:34	79-00-5	
Trichloroethene	12.3	ug/L	1.0	0.32	1		04/29/23 00:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 00:34	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/29/23 00:34	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/29/23 00:34	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 00:34	108-67-8	
Vinyl chloride	5.0	ug/L	1.0	0.17	1		04/29/23 00:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/29/23 00:34	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/29/23 00:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/29/23 00:34	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/29/23 00:34	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2105**      **Lab ID: 40261402012**      Collected: 04/24/23 14:15      Received: 04/27/23 09:15      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		05/01/23 11:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:10	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 11:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:10	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 11:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 11:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 11:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 11:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 11:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 11:10	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 11:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 11:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 11:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 11:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 11:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 11:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 11:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 11:10	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:10	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 11:10	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 11:10	75-35-4	
cis-1,2-Dichloroethene	0.86J	ug/L	1.0	0.47	1		05/01/23 11:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 11:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 11:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:10	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:10	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 11:10	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 11:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 11:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 11:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 11:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:10	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 11:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:10	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2105**      **Lab ID: 40261402012**      Collected: 04/24/23 14:15      Received: 04/27/23 09:15      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		05/01/23 11:10	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 11:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 11:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 11:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 11:10	79-00-5	
Trichloroethene	0.47J	ug/L	1.0	0.32	1		05/01/23 11:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 11:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 11:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:10	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 11:10	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 11:10	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		05/01/23 11:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/01/23 11:10	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		05/01/23 11:10	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-112**      **Lab ID: 40261402013**      Collected: 04/24/23 10:00      Received: 04/27/23 09:15      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		04/28/23 19:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:24	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:24	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:24	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:24	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:24	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:24	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:24	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:24	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:24	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:24	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:24	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:24	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:24	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:24	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:24	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:24	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:24	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:24	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:24	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:24	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:24	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:24	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:24	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:24	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:24	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:24	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:24	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:24	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:24	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:24	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-112**      **Lab ID: 40261402013**      Collected: 04/24/23 10:00      Received: 04/27/23 09:15      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		04/28/23 19:24	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:24	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:24	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:24	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:24	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:24	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:24	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:24	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:24	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/28/23 19:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 19:24	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 19:24	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-117**      **Lab ID: 40261402014**      Collected: 04/24/23 10:45      Received: 04/27/23 09:15      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		04/28/23 19:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:45	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:45	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:45	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:45	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:45	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:45	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:45	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:45	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:45	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:45	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:45	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:45	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:45	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:45	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:45	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:45	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:45	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:45	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:45	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:45	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:45	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:45	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:45	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:45	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:45	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:45	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:45	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:45	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:45	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:45	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:45	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:45	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-117**      **Lab ID: 40261402014**      Collected: 04/24/23 10:45      Received: 04/27/23 09:15      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		04/28/23 19:45	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:45	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:45	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:45	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:45	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:45	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:45	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:45	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:45	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:45	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/28/23 19:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/28/23 19:45	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 19:45	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-117**      **Lab ID: 40261402015**      Collected: 04/24/23 11:15      Received: 04/27/23 09:15      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		04/28/23 20:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:06	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:06	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 20:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 20:06	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:06	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 20:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 20:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 20:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 20:06	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 20:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 20:06	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 20:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 20:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 20:06	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 20:06	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:06	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:06	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 20:06	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 20:06	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:06	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 20:06	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 20:06	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 20:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 20:06	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 20:06	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:06	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:06	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:06	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 20:06	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 20:06	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 20:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 20:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:06	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 20:06	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:06	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 20:06	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:06	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:06	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-117**      **Lab ID: 40261402015**      Collected: 04/24/23 11:15      Received: 04/27/23 09:15      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		04/28/23 20:06	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 20:06	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 20:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 20:06	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 20:06	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 20:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:06	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 20:06	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 20:06	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:06	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 20:06	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 20:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		04/28/23 20:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/28/23 20:06	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/28/23 20:06	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-117D**      **Lab ID: 40261402016**      Collected: 04/24/23 11:15      Received: 04/27/23 09:15      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		04/29/23 01:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 01:16	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/29/23 01:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 01:16	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/29/23 01:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/29/23 01:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 01:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/29/23 01:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/29/23 01:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/29/23 01:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 01:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/29/23 01:16	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/29/23 01:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/29/23 01:16	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 01:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 01:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/29/23 01:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/29/23 01:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/29/23 01:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/29/23 01:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 01:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 01:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/29/23 01:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/29/23 01:16	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 01:16	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/29/23 01:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/29/23 01:16	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/29/23 01:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/29/23 01:16	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/29/23 01:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/29/23 01:16	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/29/23 01:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/29/23 01:16	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/29/23 01:16	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/29/23 01:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 01:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 01:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/29/23 01:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/29/23 01:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/29/23 01:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/29/23 01:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 01:16	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/29/23 01:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 01:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/29/23 01:16	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-117D**      **Lab ID: 40261402016**      Collected: 04/24/23 11:15      Received: 04/27/23 09:15      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		04/29/23 01:16	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/29/23 01:16	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/29/23 01:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/29/23 01:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/29/23 01:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/29/23 01:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 01:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/29/23 01:16	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/29/23 01:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 01:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/29/23 01:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/29/23 01:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 01:16	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/29/23 01:16	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/29/23 01:16	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/29/23 01:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/29/23 01:16	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/29/23 01:16	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-111**      **Lab ID: 40261402017**      Collected: 04/24/23 11:45      Received: 04/27/23 09:15      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		04/28/23 20:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:26	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:26	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 20:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 20:26	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:26	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 20:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 20:26	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 20:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 20:26	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 20:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 20:26	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:26	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 20:26	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 20:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 20:26	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 20:26	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:26	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:26	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 20:26	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 20:26	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:26	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 20:26	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 20:26	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 20:26	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 20:26	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 20:26	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:26	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:26	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:26	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 20:26	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 20:26	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 20:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 20:26	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:26	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 20:26	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:26	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 20:26	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:26	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:26	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-111**      **Lab ID: 40261402017**      Collected: 04/24/23 11:45      Received: 04/27/23 09:15      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		04/28/23 20:26	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 20:26	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 20:26	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:26	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 20:26	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:26	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 20:26	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 20:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:26	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 20:26	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 20:26	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:26	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 20:26	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 20:26	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 20:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/28/23 20:26	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		04/28/23 20:26	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-116**      **Lab ID: 40261402018**      Collected: 04/24/23 12:20      Received: 04/27/23 09:15      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		04/28/23 20:47	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:47	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:47	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:47	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 20:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 20:47	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:47	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 20:47	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 20:47	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 20:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:47	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 20:47	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 20:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 20:47	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:47	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:47	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 20:47	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 20:47	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 20:47	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 20:47	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:47	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:47	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 20:47	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 20:47	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:47	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 20:47	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 20:47	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 20:47	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 20:47	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 20:47	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:47	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:47	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:47	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 20:47	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 20:47	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:47	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:47	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 20:47	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 20:47	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:47	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 20:47	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:47	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 20:47	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:47	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:47	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-116**      **Lab ID: 40261402018**      Collected: 04/24/23 12:20      Received: 04/27/23 09:15      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		04/28/23 20:47	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 20:47	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 20:47	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:47	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 20:47	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:47	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 20:47	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 20:47	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:47	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 20:47	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 20:47	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:47	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 20:47	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 20:47	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 20:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 20:47	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 20:47	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-116**      **Lab ID: 40261402019**      Collected: 04/24/23 12:40      Received: 04/27/23 09:15      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		04/28/23 21:07	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:07	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:07	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:07	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 21:07	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 21:07	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:07	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 21:07	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 21:07	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 21:07	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:07	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 21:07	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 21:07	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 21:07	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:07	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:07	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 21:07	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 21:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 21:07	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 21:07	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:07	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:07	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 21:07	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 21:07	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:07	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 21:07	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 21:07	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 21:07	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 21:07	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 21:07	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:07	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:07	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:07	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 21:07	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 21:07	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:07	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:07	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 21:07	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 21:07	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:07	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 21:07	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:07	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 21:07	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:07	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:07	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-116**      **Lab ID: 40261402019**      Collected: 04/24/23 12:40      Received: 04/27/23 09:15      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		04/28/23 21:07	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 21:07	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:07	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 21:07	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:07	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 21:07	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:07	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 21:07	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 21:07	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:07	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 21:07	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 21:07	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:07	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 21:07	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 21:07	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		04/28/23 21:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/28/23 21:07	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		04/28/23 21:07	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-116D**      **Lab ID: 40261402020**      Collected: 04/24/23 12:40      Received: 04/27/23 09:15      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		04/29/23 01:36	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 01:36	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/29/23 01:36	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 01:36	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/29/23 01:36	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/29/23 01:36	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 01:36	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/29/23 01:36	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/29/23 01:36	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/29/23 01:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/29/23 01:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/29/23 01:36	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/29/23 01:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/29/23 01:36	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 01:36	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/29/23 01:36	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/29/23 01:36	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/29/23 01:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/29/23 01:36	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/29/23 01:36	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 01:36	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 01:36	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/29/23 01:36	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/29/23 01:36	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 01:36	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/29/23 01:36	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/29/23 01:36	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/29/23 01:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/29/23 01:36	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/29/23 01:36	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/29/23 01:36	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/29/23 01:36	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/29/23 01:36	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/29/23 01:36	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/29/23 01:36	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 01:36	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/29/23 01:36	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/29/23 01:36	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/29/23 01:36	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/29/23 01:36	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/29/23 01:36	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/29/23 01:36	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/29/23 01:36	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/29/23 01:36	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/29/23 01:36	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-116D**      **Lab ID: 40261402020**      Collected: 04/24/23 12:40      Received: 04/27/23 09:15      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		04/29/23 01:36	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/29/23 01:36	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/29/23 01:36	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/29/23 01:36	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/29/23 01:36	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/29/23 01:36	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/29/23 01:36	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/29/23 01:36	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/29/23 01:36	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/29/23 01:36	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/29/23 01:36	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/29/23 01:36	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/29/23 01:36	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/29/23 01:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/29/23 01:36	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		04/29/23 01:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/29/23 01:36	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		04/29/23 01:36	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-110**      **Lab ID: 40261402021**      Collected: 04/24/23 13:30      Received: 04/27/23 09:15      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		04/28/23 14:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 14:42	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 14:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 14:42	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 14:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 14:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 14:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 14:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 14:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 14:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 14:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 14:42	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 14:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 14:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 14:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 14:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 14:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 14:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 14:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 14:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 14:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 14:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 14:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 14:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 14:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 14:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 14:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 14:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 14:42	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 14:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 14:42	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 14:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 14:42	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 14:42	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 14:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 14:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 14:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 14:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 14:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 14:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 14:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 14:42	1634-04-4	L2,M0
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 14:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 14:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 14:42	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-110**      **Lab ID: 40261402021**      Collected: 04/24/23 13:30      Received: 04/27/23 09:15      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		04/28/23 14:42	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 14:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 14:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 14:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 14:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 14:42	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 14:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 14:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 14:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 14:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 14:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 14:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 14:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 14:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 14:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/28/23 14:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 14:42	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/28/23 14:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-109**      **Lab ID: 40261402022**      Collected: 04/24/23 14:00      Received: 04/27/23 09:15      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		04/28/23 15:01	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:01	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 15:01	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:01	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 15:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 15:01	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 15:01	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 15:01	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 15:01	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 15:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 15:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 15:01	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 15:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 15:01	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 15:01	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 15:01	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 15:01	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 15:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 15:01	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 15:01	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 15:01	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 15:01	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 15:01	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 15:01	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:01	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 15:01	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 15:01	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 15:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 15:01	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 15:01	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:01	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:01	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 15:01	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 15:01	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 15:01	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 15:01	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 15:01	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 15:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 15:01	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 15:01	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 15:01	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 15:01	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 15:01	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 15:01	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:01	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-109**      **Lab ID: 40261402022**      Collected: 04/24/23 14:00      Received: 04/27/23 09:15      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		04/28/23 15:01	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 15:01	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 15:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 15:01	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 15:01	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 15:01	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 15:01	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 15:01	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:01	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 15:01	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 15:01	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:01	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 15:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 15:01	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/28/23 15:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 15:01	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/28/23 15:01	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

Sample: MW-2203 Lab ID: 40261402023 Collected: 04/24/23 14:15 Received: 04/27/23 09:15 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		05/01/23 12:21	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:21	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:21	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:21	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:21	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:21	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:21	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:21	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:21	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:21	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:21	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:21	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:21	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:21	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:21	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:21	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:21	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:21	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:21	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:21	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:21	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:21	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:21	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:21	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 12:21	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:21	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:21	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:21	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:21	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:21	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:21	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:21	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:21	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:21	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:21	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:21	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:21	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:21	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:21	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:21	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:21	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:21	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:21	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:21	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2203**      **Lab ID: 40261402023**      Collected: 04/24/23 14:15      Received: 04/27/23 09:15      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		05/01/23 12:21	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:21	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:21	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:21	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:21	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:21	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:21	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:21	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:21	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:21	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:21	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:21	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:21	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		05/01/23 12:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 12:21	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 12:21	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2203**      **Lab ID: 40261402024**      Collected: 04/24/23 14:20      Received: 04/27/23 09:15      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		04/28/23 19:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:04	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:04	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:04	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:04	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:04	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:04	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:04	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:04	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2203**      **Lab ID: 40261402024**      Collected: 04/24/23 14:20      Received: 04/27/23 09:15      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		04/28/23 19:04	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:04	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:04	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:04	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/28/23 19:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/28/23 19:04	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		04/28/23 19:04	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-103**      **Lab ID: 40261402025**      Collected: 04/25/23 07:30      Received: 04/27/23 09:15      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		05/01/23 12:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:40	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:40	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 12:40	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:40	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:40	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:40	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:40	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:40	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-103**      **Lab ID: 40261402025**      Collected: 04/25/23 07:30      Received: 04/27/23 09:15      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		05/01/23 12:40	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:40	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:40	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		05/01/23 12:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 12:40	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 12:40	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-102**      **Lab ID: 40261402026**      Collected: 04/25/23 08:05      Received: 04/27/23 09:15      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		04/28/23 15:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:39	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 15:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:39	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 15:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 15:39	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 15:39	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 15:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 15:39	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 15:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 15:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 15:39	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 15:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 15:39	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 15:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 15:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 15:39	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 15:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 15:39	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 15:39	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 15:39	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 15:39	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 15:39	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 15:39	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:39	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 15:39	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 15:39	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 15:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 15:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 15:39	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:39	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:39	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 15:39	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 15:39	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 15:39	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 15:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 15:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 15:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 15:39	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 15:39	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 15:39	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 15:39	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 15:39	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 15:39	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:39	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-102**      **Lab ID: 40261402026**      Collected: 04/25/23 08:05      Received: 04/27/23 09:15      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		04/28/23 15:39	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 15:39	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 15:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 15:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 15:39	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 15:39	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 15:39	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 15:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:39	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 15:39	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 15:39	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:39	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 15:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 15:39	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/28/23 15:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/28/23 15:39	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/28/23 15:39	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-101**      **Lab ID: 40261402027**      Collected: 04/25/23 08:40      Received: 04/27/23 09:15      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		04/28/23 15:57	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:57	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 15:57	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:57	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 15:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 15:57	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 15:57	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 15:57	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 15:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 15:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 15:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 15:57	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 15:57	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 15:57	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 15:57	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 15:57	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 15:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 15:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 15:57	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 15:57	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 15:57	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 15:57	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 15:57	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 15:57	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:57	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 15:57	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 15:57	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 15:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 15:57	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 15:57	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 15:57	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:57	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 15:57	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 15:57	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 15:57	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 15:57	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 15:57	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 15:57	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 15:57	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 15:57	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 15:57	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 15:57	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 15:57	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 15:57	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:57	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-101**      **Lab ID: 40261402027**      Collected: 04/25/23 08:40      Received: 04/27/23 09:15      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		04/28/23 15:57	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 15:57	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 15:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 15:57	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 15:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 15:57	120-82-1	L1
1,1,1-Trichloroethane	0.39J	ug/L	1.0	0.30	1		04/28/23 15:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 15:57	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 15:57	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 15:57	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 15:57	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 15:57	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 15:57	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 15:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 15:57	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	92	%	70-130		1		04/28/23 15:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 15:57	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/28/23 15:57	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-107**      **Lab ID: 40261402028**      Collected: 04/25/23 09:25      Received: 04/27/23 09:15      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		05/01/23 12:59	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:59	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:59	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:59	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:59	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:59	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:59	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:59	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:59	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:59	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:59	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:59	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:59	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:59	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 12:59	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:59	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:59	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:59	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:59	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:59	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:59	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:59	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:59	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:59	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:59	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:59	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:59	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:59	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:59	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:59	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:59	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-107**      **Lab ID: 40261402028**      Collected: 04/25/23 09:25      Received: 04/27/23 09:15      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		05/01/23 12:59	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:59	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:59	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:59	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:59	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:59	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:59	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:59	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:59	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		05/01/23 12:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 12:59	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		05/01/23 12:59	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-115**      **Lab ID: 40261402029**      Collected: 04/25/23 09:40      Received: 04/27/23 09:15      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		04/28/23 16:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 16:34	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 16:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 16:34	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 16:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 16:34	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 16:34	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 16:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 16:34	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 16:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 16:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 16:34	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 16:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 16:34	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 16:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 16:34	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 16:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 16:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 16:34	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 16:34	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 16:34	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 16:34	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 16:34	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 16:34	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 16:34	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 16:34	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 16:34	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 16:34	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 16:34	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 16:34	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 16:34	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 16:34	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 16:34	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 16:34	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 16:34	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 16:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 16:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 16:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 16:34	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 16:34	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 16:34	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 16:34	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 16:34	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 16:34	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 16:34	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-115**      **Lab ID: 4026140209**      Collected: 04/25/23 09:40      Received: 04/27/23 09:15      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		04/28/23 16:34	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 16:34	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 16:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 16:34	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 16:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 16:34	120-82-1	L1
1,1,1-Trichloroethane	0.41J	ug/L	1.0	0.30	1		04/28/23 16:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 16:34	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 16:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 16:34	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 16:34	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 16:34	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 16:34	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 16:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 16:34	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/28/23 16:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/28/23 16:34	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/28/23 16:34	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-108**      **Lab ID: 40261402030**      Collected: 04/25/23 10:00      Received: 04/27/23 09:15      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		04/28/23 16:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 16:53	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 16:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 16:53	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 16:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 16:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 16:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 16:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 16:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 16:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 16:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 16:53	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 16:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 16:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 16:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 16:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 16:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 16:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 16:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 16:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 16:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 16:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 16:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 16:53	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 16:53	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 16:53	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 16:53	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 16:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 16:53	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 16:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 16:53	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 16:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 16:53	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 16:53	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 16:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 16:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 16:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 16:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 16:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 16:53	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 16:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 16:53	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 16:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 16:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 16:53	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-108**      **Lab ID: 40261402030**      Collected: 04/25/23 10:00      Received: 04/27/23 09:15      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		04/28/23 16:53	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 16:53	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 16:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 16:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 16:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 16:53	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 16:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 16:53	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 16:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 16:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 16:53	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 16:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 16:53	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 16:53	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 16:53	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/28/23 16:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 16:53	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/28/23 16:53	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-44**      **Lab ID: 40261402031**      Collected: 04/25/23 10:30      Received: 04/27/23 09:15      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		04/28/23 17:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:12	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 17:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:12	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 17:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 17:12	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 17:12	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 17:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 17:12	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 17:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 17:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 17:12	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 17:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 17:12	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 17:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 17:12	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 17:12	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 17:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 17:12	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 17:12	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 17:12	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 17:12	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 17:12	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 17:12	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:12	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 17:12	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 17:12	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 17:12	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 17:12	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 17:12	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:12	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:12	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 17:12	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 17:12	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 17:12	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 17:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 17:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 17:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 17:12	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 17:12	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 17:12	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 17:12	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 17:12	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 17:12	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:12	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-44**      **Lab ID: 40261402031**      Collected: 04/25/23 10:30      Received: 04/27/23 09:15      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		04/28/23 17:12	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 17:12	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 17:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 17:12	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 17:12	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 17:12	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:12	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 17:12	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 17:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:12	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 17:12	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 17:12	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:12	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 17:12	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 17:12	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/28/23 17:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/28/23 17:12	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/28/23 17:12	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-105**      **Lab ID: 40261402032**      Collected: 04/25/23 11:15      Received: 04/27/23 09:15      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		04/28/23 17:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:31	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 17:31	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:31	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 17:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 17:31	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 17:31	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 17:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 17:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 17:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 17:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 17:31	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 17:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 17:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 17:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 17:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 17:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 17:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 17:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 17:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 17:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 17:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 17:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 17:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:31	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 17:31	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 17:31	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 17:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 17:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 17:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:31	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 17:31	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 17:31	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 17:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 17:31	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 17:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 17:31	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 17:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 17:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 17:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 17:31	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 17:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 17:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:31	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-105**      **Lab ID: 40261402032**      Collected: 04/25/23 11:15      Received: 04/27/23 09:15      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		04/28/23 17:31	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 17:31	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 17:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 17:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 17:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 17:31	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 17:31	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 17:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 17:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 17:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 17:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 17:31	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		04/28/23 17:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 17:31	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		04/28/23 17:31	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-65R**      **Lab ID: 40261402033**      Collected: 04/25/23 09:30      Received: 04/27/23 09:15      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>2.4J</b>	ug/L	5.6	0.39	1		05/01/23 12:25	74-84-0	
Ethene	<b>318</b>	ug/L	5.0	0.25	1		05/01/23 12:25	74-85-1	
Methane	<b>522</b>	ug/L	14.0	2.9	5		05/01/23 15:20	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>15.7</b>	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 20:58	7439-89-6	
Manganese	<b>0.36</b>	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 20:58	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.54</b>	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:18	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:18	7440-47-3	
Iron, Dissolved	<b>13.8</b>	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:18	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:18	7439-92-1	
Manganese, Dissolved	<b>0.33</b>	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:18	7439-96-5	
Nickel, Dissolved	<b>0.0012</b>	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:18	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;0.59</b>	ug/L	2.0	0.59	2		04/28/23 20:37	71-43-2	
Bromobenzene	<b>&lt;0.72</b>	ug/L	2.0	0.72	2		04/28/23 20:37	108-86-1	
Bromochloromethane	<b>&lt;0.72</b>	ug/L	2.0	0.72	2		04/28/23 20:37	74-97-5	
Bromodichloromethane	<b>&lt;0.83</b>	ug/L	2.0	0.83	2		04/28/23 20:37	75-27-4	
Bromoform	<b>&lt;0.86</b>	ug/L	2.0	0.86	2		04/28/23 20:37	75-25-2	
Bromomethane	<b>&lt;2.4</b>	ug/L	10.0	2.4	2		04/28/23 20:37	74-83-9	
n-Butylbenzene	<b>&lt;1.7</b>	ug/L	2.0	1.7	2		04/28/23 20:37	104-51-8	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	2.0	0.85	2		04/28/23 20:37	135-98-8	
tert-Butylbenzene	<b>&lt;1.2</b>	ug/L	2.0	1.2	2		04/28/23 20:37	98-06-6	
Carbon tetrachloride	<b>&lt;0.74</b>	ug/L	2.0	0.74	2		04/28/23 20:37	56-23-5	
Chlorobenzene	<b>&lt;1.7</b>	ug/L	2.0	1.7	2		04/28/23 20:37	108-90-7	
Chloroethane	<b>&lt;2.8</b>	ug/L	10.0	2.8	2		04/28/23 20:37	75-00-3	
Chloroform	<b>&lt;1.0</b>	ug/L	10.0	1.0	2		04/28/23 20:37	67-66-3	
Chloromethane	<b>&lt;3.3</b>	ug/L	10.0	3.3	2		04/28/23 20:37	74-87-3	
2-Chlorotoluene	<b>&lt;1.8</b>	ug/L	10.0	1.8	2		04/28/23 20:37	95-49-8	
4-Chlorotoluene	<b>&lt;1.8</b>	ug/L	10.0	1.8	2		04/28/23 20:37	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;4.7</b>	ug/L	10.0	4.7	2		04/28/23 20:37	96-12-8	
Dibromochloromethane	<b>&lt;5.3</b>	ug/L	10.0	5.3	2		04/28/23 20:37	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.62</b>	ug/L	2.0	0.62	2		04/28/23 20:37	106-93-4	
Dibromomethane	<b>&lt;2.0</b>	ug/L	10.0	2.0	2		04/28/23 20:37	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.65</b>	ug/L	2.0	0.65	2		04/28/23 20:37	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.70</b>	ug/L	2.0	0.70	2		04/28/23 20:37	541-73-1	
1,4-Dichlorobenzene	<b>&lt;1.8</b>	ug/L	2.0	1.8	2		04/28/23 20:37	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.91</b>	ug/L	10.0	0.91	2		04/28/23 20:37	75-71-8	
1,1-Dichloroethane	<b>&lt;0.59</b>	ug/L	2.0	0.59	2		04/28/23 20:37	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-65R**      **Lab ID: 40261402033**      Collected: 04/25/23 09:30      Received: 04/27/23 09:15      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		04/28/23 20:37	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		04/28/23 20:37	75-35-4	
cis-1,2-Dichloroethene	122	ug/L	2.0	0.94	2		04/28/23 20:37	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		04/28/23 20:37	156-60-5	
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		04/28/23 20:37	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	2		04/28/23 20:37	142-28-9	
2,2-Dichloropropane	<0.84	ug/L	2.0	0.84	2		04/28/23 20:37	594-20-7	
1,1-Dichloropropene	<0.82	ug/L	2.0	0.82	2		04/28/23 20:37	563-58-6	
cis-1,3-Dichloropropene	<0.47	ug/L	2.0	0.47	2		04/28/23 20:37	10061-01-5	
trans-1,3-Dichloropropene	<0.53	ug/L	2.0	0.53	2		04/28/23 20:37	10061-02-6	
Diisopropyl ether	<2.2	ug/L	10.0	2.2	2		04/28/23 20:37	108-20-3	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		04/28/23 20:37	100-41-4	
Hexachloro-1,3-butadiene	<5.5	ug/L	10.0	5.5	2		04/28/23 20:37	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	10.0	2.0	2		04/28/23 20:37	98-82-8	
p-Isopropyltoluene	<2.1	ug/L	10.0	2.1	2		04/28/23 20:37	99-87-6	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		04/28/23 20:37	75-09-2	
Methyl-tert-butyl ether	<2.3	ug/L	10.0	2.3	2		04/28/23 20:37	1634-04-4	L2
Naphthalene	<3.8	ug/L	10.0	3.8	2		04/28/23 20:37	91-20-3	
n-Propylbenzene	<0.69	ug/L	2.0	0.69	2		04/28/23 20:37	103-65-1	
Styrene	<0.71	ug/L	2.0	0.71	2		04/28/23 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.71	ug/L	2.0	0.71	2		04/28/23 20:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		04/28/23 20:37	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		04/28/23 20:37	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		04/28/23 20:37	108-88-3	
1,2,3-Trichlorobenzene	<2.0	ug/L	10.0	2.0	2		04/28/23 20:37	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		04/28/23 20:37	120-82-1	L1
1,1,1-Trichloroethane	<0.61	ug/L	2.0	0.61	2		04/28/23 20:37	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		04/28/23 20:37	79-00-5	
Trichloroethene	<0.64	ug/L	2.0	0.64	2		04/28/23 20:37	79-01-6	
Trichlorofluoromethane	<0.84	ug/L	2.0	0.84	2		04/28/23 20:37	75-69-4	
1,2,3-Trichloropropane	<1.1	ug/L	2.0	1.1	2		04/28/23 20:37	96-18-4	
1,2,4-Trimethylbenzene	<0.90	ug/L	2.0	0.90	2		04/28/23 20:37	95-63-6	
1,3,5-Trimethylbenzene	<0.71	ug/L	2.0	0.71	2		04/28/23 20:37	108-67-8	
Vinyl chloride	370	ug/L	2.0	0.35	2		04/28/23 20:37	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		04/28/23 20:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	89	%	70-130		2		04/28/23 20:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		2		04/28/23 20:37	2199-69-1	
Toluene-d8 (S)	96	%	70-130		2		04/28/23 20:37	2037-26-5	

**4500S2F Sulfide, Iodometric**

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

Sulfide	<1.2	mg/L	4.0	1.2	1		05/01/23 10:26		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

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**Sample: MW-65R**      **Lab ID: 40261402033**      Collected: 04/25/23 09:30      Received: 04/27/23 09:15      Matrix: Water

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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>613</b>	mg/L	40.0	8.6	20		05/04/23 07:47	16887-00-6	
Sulfate	<b>228</b>	mg/L	10.0	2.2	5		05/03/23 19:48	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>596</b>	mg/L	50.0	14.9	2		05/02/23 11:03		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>81.4</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>27.1</b>	mg/L	3.0	0.83	6		04/28/23 07:41	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-206**      **Lab ID: 40261402034**      Collected: 04/25/23 10:40      Received: 04/27/23 09:15      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		04/28/23 17:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:49	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 17:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:49	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 17:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 17:49	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 17:49	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 17:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 17:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 17:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 17:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 17:49	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 17:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 17:49	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 17:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 17:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 17:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 17:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 17:49	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 17:49	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 17:49	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 17:49	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 17:49	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 17:49	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:49	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 17:49	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 17:49	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 17:49	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 17:49	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 17:49	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:49	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:49	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 17:49	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 17:49	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 17:49	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 17:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 17:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 17:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 17:49	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 17:49	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 17:49	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 17:49	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 17:49	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 17:49	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:49	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-206**      **Lab ID: 40261402034**      Collected: 04/25/23 10:40      Received: 04/27/23 09:15      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		04/28/23 17:49	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 17:49	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 17:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 17:49	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 17:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 17:49	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 17:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 17:49	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 17:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 17:49	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 17:49	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 17:49	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 17:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 17:49	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 17:49	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/28/23 17:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/28/23 17:49	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		04/28/23 17:49	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-114**      **Lab ID: 40261402035**      Collected: 04/25/23 09:55      Received: 04/27/23 09:15      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		04/28/23 19:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:23	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:23	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:23	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:23	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:23	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:23	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:23	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:23	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:23	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:23	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:23	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:23	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:23	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:23	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:23	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:23	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:23	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:23	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:23	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:23	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:23	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:23	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:23	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:23	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:23	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:23	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:23	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:23	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:23	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:23	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:23	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:23	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-114**      **Lab ID: 40261402035**      Collected: 04/25/23 09:55      Received: 04/27/23 09:15      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		04/28/23 19:23	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:23	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:23	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:23	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:23	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:23	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:23	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:23	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:23	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:23	108-67-8	
Vinyl chloride	1.4	ug/L	1.0	0.17	1		04/28/23 19:23	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:23	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/28/23 19:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 19:23	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		04/28/23 19:23	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-113**      **Lab ID: 40261402036**      Collected: 04/25/23 10:45      Received: 04/27/23 09:15      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		04/28/23 18:08	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 18:08	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 18:08	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 18:08	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 18:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 18:08	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 18:08	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 18:08	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 18:08	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 18:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 18:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 18:08	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 18:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 18:08	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 18:08	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 18:08	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 18:08	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 18:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 18:08	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 18:08	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 18:08	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 18:08	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 18:08	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 18:08	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 18:08	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 18:08	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 18:08	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 18:08	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 18:08	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 18:08	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 18:08	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 18:08	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 18:08	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 18:08	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 18:08	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 18:08	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 18:08	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 18:08	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 18:08	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 18:08	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 18:08	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 18:08	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 18:08	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 18:08	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 18:08	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-113**      **Lab ID: 40261402036**      Collected: 04/25/23 10:45      Received: 04/27/23 09:15      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		04/28/23 18:08	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 18:08	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 18:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 18:08	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 18:08	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 18:08	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 18:08	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 18:08	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 18:08	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 18:08	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 18:08	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 18:08	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 18:08	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 18:08	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 18:08	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/28/23 18:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/28/23 18:08	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/28/23 18:08	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2202**      **Lab ID: 40261402037**      Collected: 04/24/23 15:05      Received: 04/27/23 09:15      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		04/28/23 19:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:41	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:41	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:41	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:41	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:41	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:41	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:41	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:41	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2202**      **Lab ID: 40261402037**      Collected: 04/24/23 15:05      Received: 04/27/23 09:15      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		04/28/23 19:41	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:41	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:41	79-00-5	
Trichloroethene	0.96J	ug/L	1.0	0.32	1		04/28/23 19:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:41	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:41	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/28/23 19:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/28/23 19:41	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/28/23 19:41	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2202**      **Lab ID: 40261402038**      Collected: 04/24/23 15:20      Received: 04/27/23 09:15      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		05/01/23 13:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 13:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 13:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 13:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 13:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 13:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 13:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 13:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 13:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 13:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 13:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 13:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 13:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 13:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 13:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 13:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 13:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 13:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 13:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 13:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 13:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 13:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 13:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 13:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 13:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:18	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 13:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:18	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2202**      **Lab ID: 40261402038**      Collected: 04/24/23 15:20      Received: 04/27/23 09:15      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		05/01/23 13:18	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 13:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 13:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 13:18	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 13:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 13:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 13:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 13:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 13:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 13:18	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		05/01/23 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		05/01/23 13:18	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		05/01/23 13:18	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-118**      **Lab ID: 40261402039**      Collected: 04/25/23 10:35      Received: 04/27/23 09:15      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		05/01/23 13:36	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:36	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:36	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:36	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 13:36	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 13:36	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:36	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 13:36	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 13:36	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 13:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 13:36	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 13:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 13:36	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:36	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:36	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 13:36	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 13:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 13:36	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 13:36	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:36	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:36	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 13:36	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 13:36	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:36	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 13:36	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 13:36	75-35-4	
cis-1,2-Dichloroethene	2.8	ug/L	1.0	0.47	1		05/01/23 13:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 13:36	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 13:36	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:36	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:36	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:36	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 13:36	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 13:36	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:36	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:36	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 13:36	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 13:36	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:36	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 13:36	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:36	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 13:36	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:36	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:36	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-118**      **Lab ID: 40261402039**      Collected: 04/25/23 10:35      Received: 04/27/23 09:15      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		05/01/23 13:36	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 13:36	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:36	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 13:36	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:36	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 13:36	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:36	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 13:36	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 13:36	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:36	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 13:36	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 13:36	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:36	108-67-8	
Vinyl chloride	0.64J	ug/L	1.0	0.17	1		05/01/23 13:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 13:36	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	96	%	70-130		1		05/01/23 13:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 13:36	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		05/01/23 13:36	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2201**      **Lab ID: 40261402040**      Collected: 04/25/23 12:15      Received: 04/27/23 09:15      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	5.6	ug/L	5.6	0.39	1		05/01/23 12:32	74-84-0	
Ethene	39.0	ug/L	5.0	0.25	1		05/01/23 12:32	74-85-1	
Methane	2200	ug/L	56.0	11.5	20		05/01/23 15:27	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	04/28/23 05:51	04/28/23 21:20	7439-89-6	
Manganese	0.24	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 21:20	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.033	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:25	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:25	7440-47-3	
Iron, Dissolved	0.72	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:25	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:25	7439-92-1	
Manganese, Dissolved	0.23	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:25	7439-96-5	
Nickel, Dissolved	0.0019	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:25	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		05/01/23 13:55	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:55	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:55	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:55	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 13:55	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 13:55	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:55	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 13:55	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 13:55	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 13:55	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:55	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 13:55	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 13:55	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 13:55	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:55	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:55	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 13:55	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 13:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 13:55	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 13:55	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:55	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:55	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 13:55	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 13:55	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:55	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2201**      **Lab ID: 40261402040**      Collected: 04/25/23 12:15      Received: 04/27/23 09:15      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		05/01/23 13:55	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		05/01/23 13:55	75-35-4	
cis-1,2-Dichloroethene	8.8	ug/L	1.0	0.47	1		05/01/23 13:55	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 13:55	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 13:55	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:55	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:55	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:55	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 13:55	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 13:55	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:55	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:55	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 13:55	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 13:55	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:55	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 13:55	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:55	1634-04-4	L2
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 13:55	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:55	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:55	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 13:55	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:55	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 13:55	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 13:55	120-82-1	L1
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:55	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 13:55	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 13:55	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:55	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 13:55	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 13:55	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:55	108-67-8	
Vinyl chloride	8.6	ug/L	1.0	0.17	1		05/01/23 13:55	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 13:55	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		05/01/23 13:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 13:55	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		05/01/23 13:55	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	1.4J	mg/L	4.0	1.2	1		05/01/23 10:29		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2201**      **Lab ID: 40261402040**      Collected: 04/25/23 12:15      Received: 04/27/23 09:15      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>32.0J</b>	mg/L	40.0	8.6	20		05/03/23 20:03	16887-00-6	D3
Sulfate	<b>270</b>	mg/L	40.0	8.9	20		05/03/23 20:03	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>449</b>	mg/L	50.0	14.9	2		05/02/23 11:07		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>19.9J</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.1</b>	mg/L	0.50	0.14	1		04/28/23 07:56	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2201D**      **Lab ID: 40261402041**      Collected: 04/25/23 12:15      Received: 04/27/23 09:15      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	6.0	ug/L	5.6	0.39	1		05/01/23 12:39	74-84-0	
Ethene	41.3	ug/L	5.0	0.25	1		05/01/23 12:39	74-85-1	
Methane	2140	ug/L	56.0	11.5	20		05/01/23 15:34	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	04/28/23 05:51	04/28/23 21:28	7439-89-6	
Manganese	0.23	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 21:28	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.035	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:33	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:33	7440-47-3	
Iron, Dissolved	0.82	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:33	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:33	7439-92-1	
Manganese, Dissolved	0.24	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:33	7439-96-5	D9
Nickel, Dissolved	0.0019	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:33	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		05/02/23 11:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/02/23 11:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/02/23 11:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/02/23 11:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/02/23 11:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/02/23 11:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/02/23 11:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/02/23 11:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/02/23 11:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/02/23 11:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/02/23 11:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/02/23 11:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/02/23 11:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/02/23 11:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/02/23 11:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/02/23 11:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/02/23 11:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/02/23 11:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/02/23 11:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/02/23 11:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/02/23 11:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/02/23 11:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/02/23 11:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/02/23 11:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/02/23 11:18	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2201D**      **Lab ID: 40261402041**      Collected: 04/25/23 12:15      Received: 04/27/23 09:15      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		05/02/23 11:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/02/23 11:18	75-35-4	
cis-1,2-Dichloroethene	12.4	ug/L	1.0	0.47	1		05/02/23 11:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/02/23 11:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/02/23 11:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/02/23 11:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/02/23 11:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/02/23 11:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/02/23 11:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/02/23 11:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/02/23 11:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/02/23 11:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/02/23 11:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/02/23 11:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/02/23 11:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/02/23 11:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/02/23 11:18	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/02/23 11:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/02/23 11:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/02/23 11:18	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/02/23 11:18	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/02/23 11:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/02/23 11:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/02/23 11:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/02/23 11:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/02/23 11:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/02/23 11:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/02/23 11:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/02/23 11:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/02/23 11:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/02/23 11:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/02/23 11:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/02/23 11:18	108-67-8	
Vinyl chloride	13.6	ug/L	1.0	0.17	1		05/02/23 11:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/02/23 11:18	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		05/02/23 11:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/02/23 11:18	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		05/02/23 11:18	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		05/01/23 10:31		1q
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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2201D**      **Lab ID: 40261402041**      Collected: 04/25/23 12:15      Received: 04/27/23 09:15      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>32.4J</b>	mg/L	40.0	8.6	20		05/03/23 20:17	16887-00-6	D3
Sulfate	<b>223</b>	mg/L	40.0	8.9	20		05/03/23 20:17	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>453</b>	mg/L	50.0	14.9	2		05/02/23 11:08		
<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	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.0</b>	mg/L	0.50	0.14	1		04/28/23 08:11	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-31**      **Lab ID: 40261402042**      Collected: 04/25/23 12:30      Received: 04/27/23 09:15      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	16.2	ug/L	5.6	0.39	1		05/01/23 12:47	74-84-0	
Ethene	38.0	ug/L	5.0	0.25	1		05/01/23 12:47	74-85-1	
Methane	8950	ug/L	280	57.6	100		05/01/23 15:41	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	19.7	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 21:35	7439-89-6	
Manganese	0.50	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 21:35	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.29	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:40	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:40	7440-47-3	
Iron, Dissolved	11.7	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:40	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:40	7439-92-1	
Manganese, Dissolved	0.30	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:40	7439-96-5	
Nickel, Dissolved	0.00030J	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:40	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		05/01/23 11:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:22	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 11:22	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:22	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 11:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 11:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 11:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 11:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 11:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 11:22	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 11:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 11:22	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:22	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 11:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 11:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 11:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 11:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 11:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 11:22	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:22	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-31**      **Lab ID: 40261402042**      Collected: 04/25/23 12:30      Received: 04/27/23 09:15      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		05/01/23 11:22	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		05/01/23 11:22	75-35-4	
cis-1,2-Dichloroethene	<b>0.65J</b>	ug/L	1.0	0.47	1		05/01/23 11:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 11:22	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 11:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:22	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:22	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 11:22	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 11:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 11:22	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 11:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 11:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:22	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 11:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 11:22	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 11:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 11:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 11:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 11:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 11:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 11:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 11:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:22	108-67-8	
Vinyl chloride	<b>4.0</b>	ug/L	1.0	0.17	1		05/01/23 11:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 11:22	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		05/01/23 11:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		05/01/23 11:22	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		05/01/23 11:22	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<b>1.6J</b>	mg/L	4.0	1.2	1		05/01/23 10:34		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

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**Sample: MW-31**      **Lab ID: 40261402042**      Collected: 04/25/23 12:30      Received: 04/27/23 09:15      Matrix: Water

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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>75.1</b>	mg/L	10.0	2.2	5		05/03/23 21:36	16887-00-6	
Sulfate	<b>117</b>	mg/L	10.0	2.2	5		05/03/23 21:36	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>688</b>	mg/L	50.0	14.9	2		05/02/23 11:09		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>70.8</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>5.3</b>	mg/L	0.50	0.14	1		04/28/23 08:26	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-80**      **Lab ID: 40261402043**      Collected: 04/25/23 12:10      Received: 04/27/23 09:15      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		05/01/23 10:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:04	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:04	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 10:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 10:04	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:04	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 10:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 10:04	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 10:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 10:04	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 10:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 10:04	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:04	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 10:04	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 10:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 10:04	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 10:04	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:04	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:04	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 10:04	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 10:04	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:04	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 10:04	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 10:04	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 10:04	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 10:04	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 10:04	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:04	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:04	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:04	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 10:04	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 10:04	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 10:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 10:04	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:04	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 10:04	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:04	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 10:04	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:04	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:04	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-80**      **Lab ID: 40261402043**      Collected: 04/25/23 12:10      Received: 04/27/23 09:15      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		05/01/23 10:04	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 10:04	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 10:04	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:04	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 10:04	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:04	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 10:04	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 10:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:04	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 10:04	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 10:04	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:04	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 10:04	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 10:04	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		05/01/23 10:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 10:04	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 10:04	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-69R**      **Lab ID: 40261402044**      Collected: 04/25/23 11:30      Received: 04/27/23 09:15      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		05/01/23 11:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:41	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 11:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:41	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 11:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 11:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 11:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 11:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 11:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 11:41	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 11:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 11:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 11:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 11:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 11:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 11:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 11:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 11:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 11:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 11:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 11:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 11:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 11:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:41	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:41	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 11:41	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 11:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 11:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 11:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 11:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:41	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 11:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:41	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-69R**      **Lab ID: 40261402044**      Collected: 04/25/23 11:30      Received: 04/27/23 09:15      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		05/01/23 11:41	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 11:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 11:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 11:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 11:41	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 11:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 11:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 11:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 11:41	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 11:41	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 11:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		05/01/23 11:41	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		05/01/23 11:41	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

Sample: **PZ-69R** Lab ID: **40261402045** Collected: 04/25/23 12:00 Received: 04/27/23 09:15 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		05/01/23 12:00	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:00	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:00	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:00	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:00	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:00	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:00	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:00	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:00	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:00	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:00	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:00	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:00	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:00	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:00	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:00	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:00	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:00	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:00	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:00	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:00	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:00	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:00	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 12:00	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:00	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:00	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:00	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:00	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:00	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:00	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:00	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:00	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:00	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:00	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:00	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:00	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:00	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:00	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:00	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:00	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:00	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:00	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:00	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-69R**      **Lab ID: 40261402045**      Collected: 04/25/23 12:00      Received: 04/27/23 09:15      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		05/01/23 12:00	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:00	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:00	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:00	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:00	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:00	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:00	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:00	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:00	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:00	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:00	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:00	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:00	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:00	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 12:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 12:00	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		05/01/23 12:00	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-70R**      **Lab ID: 40261402046**      Collected: 04/25/23 12:30      Received: 04/27/23 09:15      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		05/01/23 12:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:20	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:20	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:20	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:20	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:20	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 12:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:20	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:20	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:20	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:20	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:20	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:20	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-70R**      **Lab ID: 40261402046**      Collected: 04/25/23 12:30      Received: 04/27/23 09:15      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		05/01/23 12:20	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:20	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:20	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:20	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		05/01/23 12:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		05/01/23 12:20	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 12:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-71R**      **Lab ID: 40261402047**      Collected: 04/25/23 13:15      Received: 04/27/23 09:15      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		05/01/23 12:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:40	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:40	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 12:40	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:40	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:40	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:40	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:40	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:40	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-71R**      **Lab ID: 40261402047**      Collected: 04/25/23 13:15      Received: 04/27/23 09:15      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		05/01/23 12:40	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:40	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:40	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		05/01/23 12:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 12:40	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 12:40	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-81**      **Lab ID: 40261402048**      Collected: 04/25/23 12:45      Received: 04/27/23 09:15      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		05/01/23 10:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:24	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:24	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 10:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 10:24	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:24	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 10:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 10:24	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 10:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 10:24	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 10:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 10:24	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:24	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 10:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 10:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 10:24	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 10:24	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:24	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:24	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 10:24	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 10:24	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:24	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 10:24	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 10:24	75-35-4	
cis-1,2-Dichloroethene	7.6	ug/L	1.0	0.47	1		05/01/23 10:24	156-59-2	
trans-1,2-Dichloroethene	2.0	ug/L	1.0	0.53	1		05/01/23 10:24	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 10:24	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:24	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:24	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:24	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 10:24	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 10:24	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 10:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 10:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:24	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 10:24	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:24	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 10:24	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:24	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:24	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-81**      **Lab ID: 40261402048**      Collected: 04/25/23 12:45      Received: 04/27/23 09:15      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		05/01/23 10:24	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 10:24	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 10:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 10:24	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 10:24	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 10:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:24	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 10:24	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 10:24	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:24	108-67-8	
Vinyl chloride	5.0	ug/L	1.0	0.17	1		05/01/23 10:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 10:24	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 10:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 10:24	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		05/01/23 10:24	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-79**      **Lab ID: 40261402049**      Collected: 04/25/23 13:15      Received: 04/27/23 09:15      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		05/01/23 09:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:45	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 09:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:45	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 09:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 09:45	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 09:45	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 09:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 09:45	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 09:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 09:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 09:45	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 09:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 09:45	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 09:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 09:45	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 09:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 09:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 09:45	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 09:45	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 09:45	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 09:45	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 09:45	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 09:45	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:45	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 09:45	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 09:45	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 09:45	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 09:45	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 09:45	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:45	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:45	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 09:45	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 09:45	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 09:45	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 09:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 09:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 09:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 09:45	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 09:45	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 09:45	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 09:45	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 09:45	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 09:45	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:45	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-79**      **Lab ID: 40261402049**      Collected: 04/25/23 13:15      Received: 04/27/23 09:15      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		05/01/23 09:45	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 09:45	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 09:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 09:45	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 09:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 09:45	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:45	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 09:45	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 09:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:45	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 09:45	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 09:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:45	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 09:45	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 09:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		1		05/01/23 09:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 09:45	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		05/01/23 09:45	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-82**      **Lab ID: 40261402050**      Collected: 04/25/23 13:45      Received: 04/27/23 09:15      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		05/01/23 15:16	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		05/01/23 15:16	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		05/01/23 15:16	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		05/01/23 15:16	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		05/01/23 15:16	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		05/01/23 15:16	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		05/01/23 15:16	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		05/01/23 15:16	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		05/01/23 15:16	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		05/01/23 15:16	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		05/01/23 15:16	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		05/01/23 15:16	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		05/01/23 15:16	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		05/01/23 15:16	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		05/01/23 15:16	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		05/01/23 15:16	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		05/01/23 15:16	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		05/01/23 15:16	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		05/01/23 15:16	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		05/01/23 15:16	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		05/01/23 15:16	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		05/01/23 15:16	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		05/01/23 15:16	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		05/01/23 15:16	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		05/01/23 15:16	75-34-3	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		05/01/23 15:16	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		05/01/23 15:16	75-35-4	
cis-1,2-Dichloroethene	<4.7	ug/L	10.0	4.7	10		05/01/23 15:16	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		05/01/23 15:16	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		05/01/23 15:16	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		05/01/23 15:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		05/01/23 15:16	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		05/01/23 15:16	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		05/01/23 15:16	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		05/01/23 15:16	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		05/01/23 15:16	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		05/01/23 15:16	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		05/01/23 15:16	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		05/01/23 15:16	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		05/01/23 15:16	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		05/01/23 15:16	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		05/01/23 15:16	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		05/01/23 15:16	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		05/01/23 15:16	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		05/01/23 15:16	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-82**      **Lab ID: 40261402050**      Collected: 04/25/23 13:45      Received: 04/27/23 09:15      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		05/01/23 15:16	630-20-6	
1,1,1,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		05/01/23 15:16	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		05/01/23 15:16	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		05/01/23 15:16	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		05/01/23 15:16	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		05/01/23 15:16	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		05/01/23 15:16	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		05/01/23 15:16	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		05/01/23 15:16	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		05/01/23 15:16	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		05/01/23 15:16	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		05/01/23 15:16	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		05/01/23 15:16	108-67-8	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		05/01/23 15:16	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		05/01/23 15:16	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		10		05/01/23 15:16	460-00-4	D3,F1
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		10		05/01/23 15:16	2199-69-1	
Toluene-d8 (S)	104	%	70-130		10		05/01/23 15:16	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-82**      **Lab ID: 40261402051**      Collected: 04/25/23 14:30      Received: 04/27/23 09:15      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	4.0J	ug/L	5.6	0.39	1		05/01/23 12:53	74-84-0	
Ethene	1.5J	ug/L	5.0	0.25	1		05/01/23 12:53	74-85-1	
Methane	1420	ug/L	56.0	11.5	20		05/01/23 15:48	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	04/28/23 05:51	04/28/23 21:43	7439-89-6	
Manganese	0.059	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 21:43	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.072	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:47	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:47	7440-47-3	
Iron, Dissolved	0.67	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:47	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:47	7439-92-1	
Manganese, Dissolved	0.078	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:47	7439-96-5	CR
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:47	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		05/01/23 12:59	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 12:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 12:59	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:59	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 12:59	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 12:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 12:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 12:59	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 12:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 12:59	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:59	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 12:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 12:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 12:59	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 12:59	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:59	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:59	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 12:59	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 12:59	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:59	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-82**      **Lab ID: 40261402051**      Collected: 04/25/23 14:30      Received: 04/27/23 09:15      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		05/01/23 12:59	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 12:59	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 12:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 12:59	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 12:59	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:59	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:59	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 12:59	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 12:59	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:59	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 12:59	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 12:59	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 12:59	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:59	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 12:59	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 12:59	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 12:59	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 12:59	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 12:59	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 12:59	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 12:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 12:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 12:59	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 12:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 12:59	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 12:59	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 12:59	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 12:59	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 12:59	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 12:59	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 12:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 12:59	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		05/01/23 12:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		05/01/23 12:59	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		05/01/23 12:59	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<b>1.8J</b>	mg/L	4.0	1.2	1		05/01/23 10:35		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-82**      **Lab ID: 40261402051**      Collected: 04/25/23 14:30      Received: 04/27/23 09:15      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>1110</b>	mg/L	100	21.6	50		05/04/23 08:02	16887-00-6	
Sulfate	<b>9.7J</b>	mg/L	20.0	4.4	10		05/03/23 21:51	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>212</b>	mg/L	50.0	14.9	2		05/02/23 11:10		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>47.5J</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.5</b>	mg/L	0.50	0.14	1		04/28/23 08:45	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-82D**      **Lab ID: 40261402052**      Collected: 04/25/23 14:30      Received: 04/27/23 09:15      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	17.5	ug/L	5.6	0.39	1		05/01/23 13:01	74-84-0	
Ethene	7.7	ug/L	5.0	0.25	1		05/01/23 13:01	74-85-1	
Methane	6450	ug/L	280	57.6	100		05/01/23 15:55	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	04/28/23 05:51	04/28/23 21:50	7439-89-6	
Manganese	0.063	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 21:50	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.077	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 17:55	7440-39-3	
Chromium, Dissolved	0.0030J	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 17:55	7440-47-3	
Iron, Dissolved	1.1	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 17:55	7439-89-6	
Lead, Dissolved	0.00025J	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 17:55	7439-92-1	
Manganese, Dissolved	0.086	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 17:55	7439-96-5	CR
Nickel, Dissolved	0.00050J	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 17:55	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		05/01/23 13:19	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:19	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:19	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:19	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 13:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 13:19	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:19	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 13:19	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 13:19	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 13:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 13:19	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 13:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 13:19	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:19	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:19	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 13:19	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 13:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 13:19	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 13:19	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:19	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:19	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 13:19	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 13:19	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:19	75-34-3	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-82D**      **Lab ID: 40261402052**      Collected: 04/25/23 14:30      Received: 04/27/23 09:15      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		05/01/23 13:19	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 13:19	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 13:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 13:19	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 13:19	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:19	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:19	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:19	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 13:19	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 13:19	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:19	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:19	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 13:19	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 13:19	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:19	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 13:19	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:19	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 13:19	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:19	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:19	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:19	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 13:19	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:19	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 13:19	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:19	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 13:19	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 13:19	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 13:19	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:19	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 13:19	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 13:19	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:19	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 13:19	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 13:19	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		05/01/23 13:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		05/01/23 13:19	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		05/01/23 13:19	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		05/01/23 10:38		1q

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-82D**      **Lab ID: 40261402052**      Collected: 04/25/23 14:30      Received: 04/27/23 09:15      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>1100</b>	mg/L	100	21.6	50		05/04/23 08:17	16887-00-6	
Sulfate	<b>7.8J</b>	mg/L	20.0	4.4	10		05/03/23 22:06	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>207</b>	mg/L	50.0	14.9	2		05/02/23 11:11		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>32.6J</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1.5</b>	mg/L	0.50	0.14	1		04/28/23 09:06	7440-44-0	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2112**      **Lab ID: 40261402053**      Collected: 04/25/23 13:40      Received: 04/27/23 09:15      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>3.2J</b>	ug/L	5.6	0.39	1		05/01/23 13:08	74-84-0	
Ethene	<b>70.2</b>	ug/L	5.0	0.25	1		05/01/23 13:08	74-85-1	
Methane	<b>2500</b>	ug/L	70.0	14.4	25		05/01/23 16:02	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>11.2</b>	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 21:57	7439-89-6	
Manganese	<b>0.56</b>	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 21:57	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>0.092</b>	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 18:02	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 18:02	7440-47-3	
Iron, Dissolved	<b>1.6</b>	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 18:02	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 18:02	7439-92-1	
Manganese, Dissolved	<b>0.51</b>	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 18:02	7439-96-5	
Nickel, Dissolved	<b>0.0019</b>	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 18:02	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;0.59</b>	ug/L	2.0	0.59	2		05/02/23 11:38	71-43-2	
Bromobenzene	<b>&lt;0.72</b>	ug/L	2.0	0.72	2		05/02/23 11:38	108-86-1	
Bromochloromethane	<b>&lt;0.72</b>	ug/L	2.0	0.72	2		05/02/23 11:38	74-97-5	
Bromodichloromethane	<b>&lt;0.83</b>	ug/L	2.0	0.83	2		05/02/23 11:38	75-27-4	
Bromoform	<b>&lt;0.86</b>	ug/L	2.0	0.86	2		05/02/23 11:38	75-25-2	
Bromomethane	<b>&lt;2.4</b>	ug/L	10.0	2.4	2		05/02/23 11:38	74-83-9	
n-Butylbenzene	<b>&lt;1.7</b>	ug/L	2.0	1.7	2		05/02/23 11:38	104-51-8	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	2.0	0.85	2		05/02/23 11:38	135-98-8	
tert-Butylbenzene	<b>&lt;1.2</b>	ug/L	2.0	1.2	2		05/02/23 11:38	98-06-6	
Carbon tetrachloride	<b>&lt;0.74</b>	ug/L	2.0	0.74	2		05/02/23 11:38	56-23-5	
Chlorobenzene	<b>&lt;1.7</b>	ug/L	2.0	1.7	2		05/02/23 11:38	108-90-7	
Chloroethane	<b>&lt;2.8</b>	ug/L	10.0	2.8	2		05/02/23 11:38	75-00-3	
Chloroform	<b>&lt;1.0</b>	ug/L	10.0	1.0	2		05/02/23 11:38	67-66-3	
Chloromethane	<b>&lt;3.3</b>	ug/L	10.0	3.3	2		05/02/23 11:38	74-87-3	
2-Chlorotoluene	<b>&lt;1.8</b>	ug/L	10.0	1.8	2		05/02/23 11:38	95-49-8	
4-Chlorotoluene	<b>&lt;1.8</b>	ug/L	10.0	1.8	2		05/02/23 11:38	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;4.7</b>	ug/L	10.0	4.7	2		05/02/23 11:38	96-12-8	
Dibromochloromethane	<b>&lt;5.3</b>	ug/L	10.0	5.3	2		05/02/23 11:38	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.62</b>	ug/L	2.0	0.62	2		05/02/23 11:38	106-93-4	
Dibromomethane	<b>&lt;2.0</b>	ug/L	10.0	2.0	2		05/02/23 11:38	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.65</b>	ug/L	2.0	0.65	2		05/02/23 11:38	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.70</b>	ug/L	2.0	0.70	2		05/02/23 11:38	541-73-1	
1,4-Dichlorobenzene	<b>&lt;1.8</b>	ug/L	2.0	1.8	2		05/02/23 11:38	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.91</b>	ug/L	10.0	0.91	2		05/02/23 11:38	75-71-8	
1,1-Dichloroethane	<b>&lt;0.59</b>	ug/L	2.0	0.59	2		05/02/23 11:38	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2112**      **Lab ID: 40261402053**      Collected: 04/25/23 13:40      Received: 04/27/23 09:15      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		05/02/23 11:38	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		05/02/23 11:38	75-35-4	
cis-1,2-Dichloroethene	220	ug/L	2.0	0.94	2		05/02/23 11:38	156-59-2	
trans-1,2-Dichloroethene	1.7J	ug/L	2.0	1.1	2		05/02/23 11:38	156-60-5	
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		05/02/23 11:38	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	2		05/02/23 11:38	142-28-9	
2,2-Dichloropropane	<0.84	ug/L	2.0	0.84	2		05/02/23 11:38	594-20-7	
1,1-Dichloropropene	<0.82	ug/L	2.0	0.82	2		05/02/23 11:38	563-58-6	
cis-1,3-Dichloropropene	<0.47	ug/L	2.0	0.47	2		05/02/23 11:38	10061-01-5	
trans-1,3-Dichloropropene	<0.53	ug/L	2.0	0.53	2		05/02/23 11:38	10061-02-6	
Diisopropyl ether	<2.2	ug/L	10.0	2.2	2		05/02/23 11:38	108-20-3	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		05/02/23 11:38	100-41-4	
Hexachloro-1,3-butadiene	<5.5	ug/L	10.0	5.5	2		05/02/23 11:38	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	10.0	2.0	2		05/02/23 11:38	98-82-8	
p-Isopropyltoluene	<2.1	ug/L	10.0	2.1	2		05/02/23 11:38	99-87-6	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		05/02/23 11:38	75-09-2	
Methyl-tert-butyl ether	<2.3	ug/L	10.0	2.3	2		05/02/23 11:38	1634-04-4	
Naphthalene	<3.8	ug/L	10.0	3.8	2		05/02/23 11:38	91-20-3	
n-Propylbenzene	<0.69	ug/L	2.0	0.69	2		05/02/23 11:38	103-65-1	
Styrene	<0.71	ug/L	2.0	0.71	2		05/02/23 11:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.71	ug/L	2.0	0.71	2		05/02/23 11:38	630-20-6	
1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		05/02/23 11:38	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		05/02/23 11:38	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		05/02/23 11:38	108-88-3	
1,2,3-Trichlorobenzene	<2.0	ug/L	10.0	2.0	2		05/02/23 11:38	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		05/02/23 11:38	120-82-1	
1,1,1-Trichloroethane	<0.61	ug/L	2.0	0.61	2		05/02/23 11:38	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		05/02/23 11:38	79-00-5	
Trichloroethene	<0.64	ug/L	2.0	0.64	2		05/02/23 11:38	79-01-6	
Trichlorofluoromethane	<0.84	ug/L	2.0	0.84	2		05/02/23 11:38	75-69-4	
1,2,3-Trichloropropane	<1.1	ug/L	2.0	1.1	2		05/02/23 11:38	96-18-4	
1,2,4-Trimethylbenzene	<0.90	ug/L	2.0	0.90	2		05/02/23 11:38	95-63-6	
1,3,5-Trimethylbenzene	<0.71	ug/L	2.0	0.71	2		05/02/23 11:38	108-67-8	
Vinyl chloride	171	ug/L	2.0	0.35	2		05/02/23 11:38	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		05/02/23 11:38	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		2		05/02/23 11:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		2		05/02/23 11:38	2199-69-1	
Toluene-d8 (S)	101	%	70-130		2		05/02/23 11:38	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	7.2	mg/L	4.0	1.2	1		05/01/23 10:39		1q

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2112**      **Lab ID: 40261402053**      Collected: 04/25/23 13:40      Received: 04/27/23 09:15      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>74.0</b>	mg/L	20.0	4.3	10		05/03/23 22:20	16887-00-6	
Sulfate	<b>331</b>	mg/L	20.0	4.4	10		05/03/23 22:20	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>434</b>	mg/L	50.0	14.9	2		05/02/23 11:12		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>87.7</b>	mg/L	50.0	14.7	1	05/03/23 02:43	05/03/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>20.2</b>	mg/L	7.5	2.1	15		04/28/23 09:24	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2112**      **Lab ID: 40261402054**      Collected: 04/25/23 13:40      Received: 04/27/23 09:15      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		05/01/23 13:15	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		05/01/23 13:15	74-85-1	
Methane	3500	ug/L	140	28.8	50		05/01/23 16:09	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	3.8	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 22:05	7439-89-6	
Manganese	0.051	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 22:05	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.24	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 18:39	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 18:39	7440-47-3	
Iron, Dissolved	1.4	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 18:39	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 18:39	7439-92-1	
Manganese, Dissolved	0.047	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 18:39	7439-96-5	
Nickel, Dissolved	0.00041J	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 18:39	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		05/01/23 13:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:39	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:39	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 13:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 13:39	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:39	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 13:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 13:39	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 13:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 13:39	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 13:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 13:39	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 13:39	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 13:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 13:39	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 13:39	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:39	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:39	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 13:39	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 13:39	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:39	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2112**      **Lab ID: 40261402054**      Collected: 04/25/23 13:40      Received: 04/27/23 09:15      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		05/01/23 13:39	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		05/01/23 13:39	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 13:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 13:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 13:39	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:39	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:39	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:39	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 13:39	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 13:39	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 13:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 13:39	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:39	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 13:39	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:39	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 13:39	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:39	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:39	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 13:39	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 13:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:39	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 13:39	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 13:39	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 13:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:39	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 13:39	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 13:39	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:39	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 13:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 13:39	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		05/01/23 13:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 13:39	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 13:39	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		05/01/23 10:41		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2112**      **Lab ID: 40261402054**      Collected: 04/25/23 13:40      Received: 04/27/23 09:15      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>194</b>	mg/L	100	21.6	50		05/04/23 13:48	16887-00-6	
Sulfate	<b>63.3J</b>	mg/L	100	22.2	50		05/04/23 13:48	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>566</b>	mg/L	50.0	14.9	2		05/02/23 11:13		
<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	05/03/23 02:43	05/03/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3.1</b>	mg/L	0.50	0.14	1		04/28/23 09:59	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2104**      **Lab ID: 40261402055**      Collected: 04/25/23 14:20      Received: 04/27/23 09:15      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		05/01/23 10:43	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:43	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 10:43	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:43	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 10:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 10:43	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:43	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 10:43	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 10:43	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 10:43	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 10:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 10:43	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 10:43	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 10:43	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:43	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 10:43	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 10:43	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 10:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 10:43	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 10:43	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:43	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:43	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 10:43	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 10:43	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:43	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 10:43	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 10:43	75-35-4	
cis-1,2-Dichloroethene	2.6	ug/L	1.0	0.47	1		05/01/23 10:43	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 10:43	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 10:43	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:43	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:43	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:43	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 10:43	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 10:43	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:43	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 10:43	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 10:43	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 10:43	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:43	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 10:43	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 10:43	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 10:43	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 10:43	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:43	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2104**      **Lab ID: 40261402055**      Collected: 04/25/23 14:20      Received: 04/27/23 09:15      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		05/01/23 10:43	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 10:43	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 10:43	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 10:43	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 10:43	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 10:43	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 10:43	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 10:43	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 10:43	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 10:43	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 10:43	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 10:43	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 10:43	108-67-8	
Vinyl chloride	2.0	ug/L	1.0	0.17	1		05/01/23 10:43	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 10:43	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 10:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		05/01/23 10:43	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 10:43	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2108**      **Lab ID: 40261402056**      Collected: 04/25/23 15:00      Received: 04/27/23 09:15      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		05/01/23 13:58	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:58	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 13:58	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:58	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 13:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 13:58	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:58	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 13:58	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 13:58	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 13:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 13:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 13:58	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 13:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 13:58	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:58	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 13:58	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 13:58	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 13:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 13:58	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 13:58	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:58	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:58	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 13:58	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 13:58	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:58	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 13:58	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 13:58	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 13:58	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 13:58	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 13:58	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:58	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:58	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:58	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 13:58	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 13:58	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:58	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 13:58	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 13:58	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 13:58	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:58	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 13:58	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 13:58	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 13:58	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 13:58	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:58	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2108**      **Lab ID: 40261402056**      Collected: 04/25/23 15:00      Received: 04/27/23 09:15      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		05/01/23 13:58	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 13:58	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 13:58	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 13:58	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 13:58	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 13:58	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 13:58	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 13:58	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 13:58	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 13:58	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 13:58	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 13:58	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 13:58	108-67-8	
Vinyl chloride	4.0	ug/L	1.0	0.17	1		05/01/23 13:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 13:58	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 13:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 13:58	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		05/01/23 13:58	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2109**      **Lab ID: 40261402057**      Collected: 04/25/23 14:40      Received: 04/27/23 09:15      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		05/01/23 14:57	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:57	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 14:57	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:57	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 14:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 14:57	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 14:57	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 14:57	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 14:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 14:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 14:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 14:57	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 14:57	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 14:57	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 14:57	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 14:57	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 14:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 14:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 14:57	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 14:57	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 14:57	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 14:57	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 14:57	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 14:57	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:57	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 14:57	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 14:57	75-35-4	
cis-1,2-Dichloroethene	4.8	ug/L	1.0	0.47	1		05/01/23 14:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 14:57	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 14:57	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:57	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:57	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 14:57	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 14:57	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 14:57	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 14:57	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 14:57	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 14:57	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 14:57	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 14:57	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 14:57	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 14:57	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 14:57	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 14:57	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:57	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2109**      **Lab ID: 40261402057**      Collected: 04/25/23 14:40      Received: 04/27/23 09:15      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		05/01/23 14:57	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 14:57	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 14:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 14:57	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 14:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 14:57	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 14:57	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 14:57	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:57	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 14:57	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 14:57	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:57	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 14:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 14:57	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		05/01/23 14:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		05/01/23 14:57	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 14:57	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2109**      **Lab ID: 40261402058**      Collected: 04/25/23 14:40      Received: 04/27/23 09:15      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		05/01/23 14:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 14:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 14:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 14:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 14:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 14:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 14:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 14:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 14:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 14:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 14:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 14:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 14:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 14:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 14:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 14:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 14:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 14:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 14:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 14:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 14:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 14:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		05/01/23 14:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 14:18	75-35-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.47	1		05/01/23 14:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 14:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 14:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 14:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 14:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 14:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 14:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 14:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 14:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 14:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 14:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 14:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 14:18	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 14:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 14:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:18	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2109**      **Lab ID: 40261402058**      Collected: 04/25/23 14:40      Received: 04/27/23 09:15      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		05/01/23 14:18	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 14:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 14:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 14:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 14:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 14:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 14:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 14:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 14:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 14:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:18	108-67-8	
Vinyl chloride	14.0	ug/L	1.0	0.17	1		05/01/23 14:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 14:18	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		05/01/23 14:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		05/01/23 14:18	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 14:18	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2102**      **Lab ID: 40261402059**      Collected: 04/25/23 16:00      Received: 04/27/23 09:15      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	5.6	ug/L	5.6	0.39	1		05/02/23 10:03	74-84-0	
Ethene	11.4	ug/L	5.0	0.25	1		05/02/23 10:03	74-85-1	
Methane	10400	ug/L	140	28.8	50		05/02/23 13:52	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	04/28/23 05:51	04/28/23 22:12	7439-89-6	
Manganese	0.58	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 22:12	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.018	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 18:46	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 18:46	7440-47-3	
Iron, Dissolved	2.0	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 18:46	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 18:46	7439-92-1	
Manganese, Dissolved	0.60	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 18:46	7439-96-5	D9
Nickel, Dissolved	0.0027	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 18:46	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		05/01/23 14:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:37	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 14:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:37	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 14:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 14:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 14:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 14:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 14:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 14:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 14:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 14:37	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 14:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 14:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 14:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 14:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 14:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 14:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 14:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 14:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 14:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 14:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 14:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 14:37	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:37	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2102**      **Lab ID: 40261402059**      Collected: 04/25/23 16:00      Received: 04/27/23 09:15      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		05/01/23 14:37	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		05/01/23 14:37	75-35-4	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	0.47	1		05/01/23 14:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 14:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 14:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:37	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 14:37	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 14:37	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 14:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 14:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 14:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 14:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 14:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 14:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 14:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 14:37	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 14:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 14:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 14:37	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 14:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 14:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 14:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 14:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 14:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 14:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 14:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 14:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 14:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 14:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 14:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 14:37	108-67-8	
Vinyl chloride	4.9	ug/L	1.0	0.17	1		05/01/23 14:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 14:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		1		05/01/23 14:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		05/01/23 14:37	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		05/01/23 14:37	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	6.4	mg/L	4.0	1.2	1		05/01/23 10:43		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

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**Sample: MW-2102**      **Lab ID: 40261402059**      Collected: 04/25/23 16:00      Received: 04/27/23 09:15      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>68.1</b>	mg/L	40.0	8.6	20		05/04/23 14:33	16887-00-6	
Sulfate	<b>52.5</b>	mg/L	40.0	8.9	20		05/04/23 14:33	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>1220</b>	mg/L	500	149	20		05/02/23 11:14		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>930</b>	mg/L	100	29.5	1	05/03/23 02:43	05/03/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>290</b>	mg/L	30.0	8.3	60		04/28/23 10:14	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2110**      **Lab ID: 40261402060**      Collected: 04/26/23 09:00      Received: 04/27/23 09:15      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		05/02/23 14:36	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		05/02/23 14:36	74-85-1	
Methane	2.8	ug/L	2.8	0.58	1		05/02/23 14:36	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	2.1	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 22:19	7439-89-6	
Manganese	0.40	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 22:19	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.022	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 18:54	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 18:54	7440-47-3	
Iron, Dissolved	0.44	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 18:54	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 18:54	7439-92-1	
Manganese, Dissolved	0.21	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 18:54	7439-96-5	
Nickel, Dissolved	0.0019	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 18:54	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.47J	ug/L	1.0	0.30	1		05/01/23 11:02	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:02	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 11:02	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:02	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 11:02	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 11:02	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:02	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 11:02	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 11:02	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 11:02	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 11:02	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 11:02	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 11:02	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 11:02	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:02	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 11:02	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 11:02	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 11:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 11:02	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 11:02	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:02	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:02	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 11:02	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 11:02	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:02	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2110**      **Lab ID: 40261402060**      Collected: 04/26/23 09:00      Received: 04/27/23 09:15      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		05/01/23 11:02	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		05/01/23 11:02	75-35-4	
cis-1,2-Dichloroethene	3.8	ug/L	1.0	0.47	1		05/01/23 11:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 11:02	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 11:02	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:02	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:02	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:02	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 11:02	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 11:02	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:02	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 11:02	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 11:02	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 11:02	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:02	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 11:02	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 11:02	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 11:02	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 11:02	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:02	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 11:02	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 11:02	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 11:02	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		05/01/23 11:02	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 11:02	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 11:02	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 11:02	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 11:02	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 11:02	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 11:02	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 11:02	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 11:02	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 11:02	108-67-8	
Vinyl chloride	6.1	ug/L	1.0	0.17	1		05/01/23 11:02	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 11:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 11:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		05/01/23 11:02	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 11:02	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		05/01/23 10:45		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2110**      **Lab ID: 40261402060**      Collected: 04/26/23 09:00      Received: 04/27/23 09:15      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>111</b>	mg/L	40.0	8.6	20		05/04/23 15:17	16887-00-6	
Sulfate	<b>423</b>	mg/L	40.0	8.9	20		05/04/23 15:17	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>353</b>	mg/L	25.0	7.4	1		05/02/23 11:15		
<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	05/03/23 02:43	05/03/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3.0</b>	mg/L	0.50	0.14	1		04/28/23 10:28	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2110**      **Lab ID: 40261402061**      Collected: 04/26/23 09:50      Received: 04/27/23 09:15      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		05/02/23 10:17	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		05/02/23 10:17	74-85-1	
Methane	2.8J	ug/L	2.8	0.58	1		05/02/23 10:17	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	1.1	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 23:25	7439-89-6	
Manganese	0.13	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 23:25	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.054	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 19:01	7440-39-3	
Calcium, Dissolved	172	mg/L	0.25	0.076	1	04/28/23 05:28	04/28/23 19:01	7440-70-2	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 19:01	7440-47-3	
Iron, Dissolved	0.91	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 19:01	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 19:01	7439-92-1	
Magnesium, Dissolved	88.4	mg/L	0.25	0.031	1	04/28/23 05:28	04/28/23 19:01	7439-95-4	
Manganese, Dissolved	0.12	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 19:01	7439-96-5	
Nickel, Dissolved	0.0017	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 19:01	7440-02-0	
Potassium, Dissolved	3.9	mg/L	0.79	0.24	1	04/28/23 05:28	04/28/23 19:01	7440-09-7	
Sodium, Dissolved	240	mg/L	0.25	0.042	1	04/28/23 05:28	04/28/23 19:01	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/28/23 20:32	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:32	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:32	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:32	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 20:32	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 20:32	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:32	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 20:32	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 20:32	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 20:32	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:32	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 20:32	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 20:32	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 20:32	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:32	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:32	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 20:32	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 20:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 20:32	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 20:32	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:32	95-50-1	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2110**      **Lab ID: 40261402061**      Collected: 04/26/23 09:50      Received: 04/27/23 09:15      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	<0.35	ug/L	1.0	0.35	1		04/28/23 20:32	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 20:32	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 20:32	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:32	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 20:32	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 20:32	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 20:32	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 20:32	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 20:32	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:32	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:32	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:32	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 20:32	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 20:32	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:32	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:32	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 20:32	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 20:32	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:32	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 20:32	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:32	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 20:32	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:32	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:32	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:32	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 20:32	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:32	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 20:32	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:32	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 20:32	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:32	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 20:32	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 20:32	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:32	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 20:32	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 20:32	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:32	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 20:32	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 20:32	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		04/28/23 20:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 20:32	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 20:32	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2110**      **Lab ID: 40261402061**      Collected: 04/26/23 09:50      Received: 04/27/23 09:15      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		05/01/23 10:46		1q
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>576</b>	mg/L	40.0	8.6	20		05/04/23 15:32	16887-00-6	
Sulfate	<b>343</b>	mg/L	40.0	8.9	20		05/04/23 15:32	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>309</b>	mg/L	25.0	7.4	1		05/02/23 11:16		
<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	05/03/23 02:43	05/03/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2.3</b>	mg/L	0.50	0.14	1		04/28/23 10:47	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-61**      **Lab ID: 40261402062**      Collected: 04/26/23 10:40      Received: 04/27/23 09:15      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	12.9	ug/L	5.6	0.39	1		05/02/23 10:24	74-84-0	
Ethene	80.8	ug/L	5.0	0.25	1		05/02/23 10:24	74-85-1	
Methane	2300	ug/L	70.0	14.4	25		05/02/23 16:59	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	4.5	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 23:33	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 23:33	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.074	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 19:08	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 19:08	7440-47-3	
Iron, Dissolved	3.8	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 19:08	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 19:08	7439-92-1	
Manganese, Dissolved	0.14	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 19:08	7439-96-5	
Nickel, Dissolved	0.0015	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 19:08	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		04/28/23 22:49	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		04/28/23 22:49	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		04/28/23 22:49	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		04/28/23 22:49	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		04/28/23 22:49	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		04/28/23 22:49	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		04/28/23 22:49	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		04/28/23 22:49	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		04/28/23 22:49	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		04/28/23 22:49	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		04/28/23 22:49	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		04/28/23 22:49	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		04/28/23 22:49	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		04/28/23 22:49	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/28/23 22:49	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		04/28/23 22:49	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		04/28/23 22:49	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		04/28/23 22:49	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		04/28/23 22:49	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		04/28/23 22:49	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		04/28/23 22:49	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		04/28/23 22:49	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		04/28/23 22:49	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		04/28/23 22:49	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		04/28/23 22:49	75-34-3	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-61**      **Lab ID: 40261402062**      Collected: 04/26/23 10:40      Received: 04/27/23 09:15      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		04/28/23 22:49	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		04/28/23 22:49	75-35-4	
cis-1,2-Dichloroethene	1140	ug/L	10.0	4.7	10		04/28/23 22:49	156-59-2	
trans-1,2-Dichloroethene	7.1J	ug/L	10.0	5.3	10		04/28/23 22:49	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		04/28/23 22:49	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		04/28/23 22:49	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		04/28/23 22:49	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		04/28/23 22:49	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		04/28/23 22:49	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		04/28/23 22:49	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		04/28/23 22:49	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		04/28/23 22:49	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		04/28/23 22:49	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		04/28/23 22:49	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		04/28/23 22:49	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		04/28/23 22:49	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		04/28/23 22:49	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		04/28/23 22:49	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		04/28/23 22:49	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		04/28/23 22:49	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		04/28/23 22:49	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		04/28/23 22:49	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		04/28/23 22:49	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		04/28/23 22:49	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		04/28/23 22:49	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		04/28/23 22:49	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		04/28/23 22:49	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		04/28/23 22:49	79-00-5	
Trichloroethene	10.2	ug/L	10.0	3.2	10		04/28/23 22:49	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		04/28/23 22:49	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		04/28/23 22:49	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		04/28/23 22:49	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		04/28/23 22:49	108-67-8	
Vinyl chloride	1040	ug/L	10.0	1.7	10		04/28/23 22:49	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		04/28/23 22:49	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		10		04/28/23 22:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		04/28/23 22:49	2199-69-1	
Toluene-d8 (S)	100	%	70-130		10		04/28/23 22:49	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		05/01/23 10:48		1q

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-61**      **Lab ID: 40261402062**      Collected: 04/26/23 10:40      Received: 04/27/23 09:15      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>272</b>	mg/L	20.0	4.3	10		05/04/23 16:32	16887-00-6	
Sulfate	<b>77.5</b>	mg/L	20.0	4.4	10		05/04/23 16:32	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>377</b>	mg/L	25.0	7.4	1		05/02/23 11:20		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>36.6J</b>	mg/L	52.6	15.5	1	05/05/23 02:40	05/05/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>7.4</b>	mg/L	1.5	0.42	3		04/28/23 11:05	7440-44-0	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-61**      **Lab ID: 40261402063**      Collected: 04/26/23 11:30      Received: 04/27/23 09:15      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	11.6	ug/L	5.6	0.39	1		05/02/23 10:31	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		05/02/23 10:31	74-85-1	
Methane	12300	ug/L	350	72.0	125		05/02/23 17:06	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	27.1	mg/L	0.25	0.058	1	04/28/23 05:51	04/28/23 23:40	7439-89-6	
Manganese	0.28	mg/L	0.0040	0.0012	1	04/28/23 05:51	04/28/23 23:40	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.15	mg/L	0.0023	0.00070	1	04/28/23 05:28	04/28/23 19:16	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	04/28/23 05:28	04/28/23 19:16	7440-47-3	
Iron, Dissolved	27.3	mg/L	0.25	0.058	1	04/28/23 05:28	04/28/23 19:16	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	04/28/23 05:28	04/28/23 19:16	7439-92-1	
Manganese, Dissolved	0.25	mg/L	0.0040	0.0012	1	04/28/23 05:28	04/28/23 19:16	7439-96-5	
Nickel, Dissolved	0.0051	mg/L	0.0010	0.00028	1	04/28/23 05:28	04/28/23 19:16	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		04/28/23 20:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:51	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:51	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 20:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 20:51	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:51	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 20:51	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 20:51	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 20:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 20:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 20:51	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 20:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 20:51	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 20:51	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 20:51	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 20:51	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 20:51	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 20:51	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:51	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:51	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 20:51	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 20:51	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:51	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-61**      **Lab ID: 40261402063**      Collected: 04/26/23 11:30      Received: 04/27/23 09:15      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		04/28/23 20:51	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		04/28/23 20:51	75-35-4	
cis-1,2-Dichloroethene	<b>0.65J</b>	ug/L	1.0	0.47	1		04/28/23 20:51	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 20:51	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 20:51	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:51	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:51	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:51	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 20:51	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 20:51	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 20:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 20:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 20:51	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:51	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 20:51	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 20:51	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 20:51	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 20:51	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:51	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 20:51	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 20:51	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 20:51	127-18-4	
Toluene	<b>0.42J</b>	ug/L	1.0	0.29	1		04/28/23 20:51	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 20:51	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 20:51	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 20:51	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 20:51	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 20:51	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 20:51	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 20:51	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 20:51	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 20:51	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 20:51	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 20:51	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		04/28/23 20:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 20:51	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 20:51	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<b>2.8J</b>	mg/L	4.0	1.2	1		05/01/23 10:49		1q

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

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**Sample: PZ-61**      **Lab ID: 40261402063**      Collected: 04/26/23 11:30      Received: 04/27/23 09:15      Matrix: Water

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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>176</b>	mg/L	40.0	8.6	20		05/04/23 16:46	16887-00-6	
Sulfate	<b>34.6J</b>	mg/L	40.0	8.9	20		05/04/23 16:46	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>442</b>	mg/L	125	37.2	5		05/02/23 11:21		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>87.9</b>	mg/L	52.6	15.5	1	05/05/23 02:40	05/05/23 05:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>20.6</b>	mg/L	3.0	0.83	6		04/28/23 11:20	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2107**      **Lab ID: 40261402064**      Collected: 04/26/23 09:40      Received: 04/27/23 09:15      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	15.5	ug/L	5.6	0.39	1		05/02/23 10:38	74-84-0	
Ethene	3.2J	ug/L	5.0	0.25	1		05/02/23 10:38	74-85-1	
Methane	21300	ug/L	280	57.6	100		05/02/23 15:11	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	38.7	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 05:32	7439-89-6	
Manganese	0.086	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/02/23 05:32	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.013	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 18:12	7440-39-3	
Chromium, Dissolved	0.0013J	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 18:12	7440-47-3	
Iron, Dissolved	32.3	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 18:12	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 18:12	7439-92-1	
Manganese, Dissolved	0.060	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 18:12	7439-96-5	
Nickel, Dissolved	0.00095J	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 18:12	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		04/28/23 21:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:11	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:11	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 21:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 21:11	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:11	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 21:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 21:11	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 21:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:11	108-90-7	
Chloroethane	7.1	ug/L	5.0	1.4	1		04/28/23 21:11	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 21:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 21:11	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 21:11	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 21:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 21:11	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 21:11	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:11	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:11	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 21:11	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 21:11	75-71-8	
1,1-Dichloroethane	0.75J	ug/L	1.0	0.30	1		04/28/23 21:11	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2107**      **Lab ID: 40261402064**      Collected: 04/26/23 09:40      Received: 04/27/23 09:15      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		04/28/23 21:11	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		04/28/23 21:11	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 21:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 21:11	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 21:11	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:11	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:11	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:11	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 21:11	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 21:11	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 21:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 21:11	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:11	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 21:11	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:11	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 21:11	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:11	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 21:11	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 21:11	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:11	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 21:11	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:11	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 21:11	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 21:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:11	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 21:11	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 21:11	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:11	108-67-8	
Vinyl chloride	1.1	ug/L	1.0	0.17	1		04/28/23 21:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 21:11	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		04/28/23 21:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		04/28/23 21:11	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 21:11	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<12.0	mg/L	39.9	12.0	10		05/01/23 13:41		D3

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2107**      **Lab ID: 40261402064**      Collected: 04/26/23 09:40      Received: 04/27/23 09:15      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>40.1J</b>	mg/L	100	21.6	50		05/04/23 17:01	16887-00-6	D3
Sulfate	<b>366</b>	mg/L	100	22.2	50		05/04/23 17:01	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>828</b>	mg/L	125	37.2	5		05/02/23 12:02		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>160</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>43.0</b>	mg/L	7.5	2.1	15		04/28/23 12:05	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2107**      **Lab ID: 40261402065**      Collected: 04/26/23 10:30      Received: 04/27/23 09:15      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		05/02/23 14:43	74-84-0	
Ethene	1.0J	ug/L	5.0	0.25	1		05/02/23 14:43	74-85-1	
Methane	3.9	ug/L	2.8	0.58	1		05/02/23 14:43	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.26	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 06:02	7439-89-6	
Manganese	0.027	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/02/23 06:02	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.045	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 18:42	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 18:42	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 18:42	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 18:42	7439-92-1	
Manganese, Dissolved	0.010	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 18:42	7439-96-5	
Nickel, Dissolved	0.0049	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 18:42	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	71-43-2	
Bromobenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	108-86-1	
Bromochloromethane	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	74-97-5	
Bromodichloromethane	<1.7	ug/L	4.0	1.7	4		05/01/23 10:28	75-27-4	
Bromoform	<1.7	ug/L	4.0	1.7	4		05/01/23 10:28	75-25-2	
Bromomethane	<4.8	ug/L	20.0	4.8	4		05/01/23 10:28	74-83-9	
n-Butylbenzene	<3.4	ug/L	4.0	3.4	4		05/01/23 10:28	104-51-8	
sec-Butylbenzene	<1.7	ug/L	4.0	1.7	4		05/01/23 10:28	135-98-8	
tert-Butylbenzene	<2.3	ug/L	4.0	2.3	4		05/01/23 10:28	98-06-6	
Carbon tetrachloride	<1.5	ug/L	4.0	1.5	4		05/01/23 10:28	56-23-5	
Chlorobenzene	<3.4	ug/L	4.0	3.4	4		05/01/23 10:28	108-90-7	
Chloroethane	<5.5	ug/L	20.0	5.5	4		05/01/23 10:28	75-00-3	
Chloroform	<2.0	ug/L	20.0	2.0	4		05/01/23 10:28	67-66-3	
Chloromethane	<6.5	ug/L	20.0	6.5	4		05/01/23 10:28	74-87-3	
2-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		05/01/23 10:28	95-49-8	
4-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		05/01/23 10:28	106-43-4	
1,2-Dibromo-3-chloropropane	<9.5	ug/L	20.0	9.5	4		05/01/23 10:28	96-12-8	
Dibromochloromethane	<10.6	ug/L	20.0	10.6	4		05/01/23 10:28	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	106-93-4	
Dibromomethane	<4.0	ug/L	20.0	4.0	4		05/01/23 10:28	74-95-3	
1,2-Dichlorobenzene	<1.3	ug/L	4.0	1.3	4		05/01/23 10:28	95-50-1	
1,3-Dichlorobenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	541-73-1	
1,4-Dichlorobenzene	<3.6	ug/L	4.0	3.6	4		05/01/23 10:28	106-46-7	
Dichlorodifluoromethane	<1.8	ug/L	20.0	1.8	4		05/01/23 10:28	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2107**      **Lab ID: 40261402065**      Collected: 04/26/23 10:30      Received: 04/27/23 09:15      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	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	107-06-2	
1,1-Dichloroethene	<2.3	ug/L	4.0	2.3	4		05/01/23 10:28	75-35-4	
cis-1,2-Dichloroethene	319	ug/L	4.0	1.9	4		05/01/23 10:28	156-59-2	
trans-1,2-Dichloroethene	4.4	ug/L	4.0	2.1	4		05/01/23 10:28	156-60-5	
1,2-Dichloropropane	<1.8	ug/L	4.0	1.8	4		05/01/23 10:28	78-87-5	
1,3-Dichloropropane	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	142-28-9	
2,2-Dichloropropane	<1.7	ug/L	4.0	1.7	4		05/01/23 10:28	594-20-7	
1,1-Dichloropropene	<1.6	ug/L	4.0	1.6	4		05/01/23 10:28	563-58-6	
cis-1,3-Dichloropropene	<0.95	ug/L	4.0	0.95	4		05/01/23 10:28	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	4.0	1.1	4		05/01/23 10:28	10061-02-6	
Diisopropyl ether	<4.4	ug/L	20.0	4.4	4		05/01/23 10:28	108-20-3	
Ethylbenzene	<1.3	ug/L	4.0	1.3	4		05/01/23 10:28	100-41-4	
Hexachloro-1,3-butadiene	<10.9	ug/L	20.0	10.9	4		05/01/23 10:28	87-68-3	
Isopropylbenzene (Cumene)	<4.0	ug/L	20.0	4.0	4		05/01/23 10:28	98-82-8	
p-Isopropyltoluene	<4.2	ug/L	20.0	4.2	4		05/01/23 10:28	99-87-6	
Methylene Chloride	<1.3	ug/L	20.0	1.3	4		05/01/23 10:28	75-09-2	
Methyl-tert-butyl ether	<4.5	ug/L	20.0	4.5	4		05/01/23 10:28	1634-04-4	
Naphthalene	<7.7	ug/L	20.0	7.7	4		05/01/23 10:28	91-20-3	
n-Propylbenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	103-65-1	
Styrene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	100-42-5	
1,1,1,2-Tetrachloroethane	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.5	ug/L	4.0	1.5	4		05/01/23 10:28	79-34-5	
Tetrachloroethene	<1.6	ug/L	4.0	1.6	4		05/01/23 10:28	127-18-4	
Toluene	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	108-88-3	
1,2,3-Trichlorobenzene	<4.1	ug/L	20.0	4.1	4		05/01/23 10:28	87-61-6	
1,2,4-Trichlorobenzene	<3.8	ug/L	20.0	3.8	4		05/01/23 10:28	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	4.0	1.2	4		05/01/23 10:28	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	79-00-5	
Trichloroethene	<1.3	ug/L	4.0	1.3	4		05/01/23 10:28	79-01-6	
Trichlorofluoromethane	<1.7	ug/L	4.0	1.7	4		05/01/23 10:28	75-69-4	
1,2,3-Trichloropropane	<2.2	ug/L	4.0	2.2	4		05/01/23 10:28	96-18-4	
1,2,4-Trimethylbenzene	<1.8	ug/L	4.0	1.8	4		05/01/23 10:28	95-63-6	
1,3,5-Trimethylbenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:28	108-67-8	
Vinyl chloride	16.6	ug/L	4.0	0.70	4		05/01/23 10:28	75-01-4	
Xylene (Total)	<4.2	ug/L	12.0	4.2	4		05/01/23 10:28	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		4		05/01/23 10:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		4		05/01/23 10:28	2199-69-1	
Toluene-d8 (S)	101	%	70-130		4		05/01/23 10:28	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		05/01/23 13:43		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2107**      **Lab ID: 40261402065**      Collected: 04/26/23 10:30      Received: 04/27/23 09:15      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>397</b>	mg/L	20.0	4.3	10		05/04/23 17:16	16887-00-6	
Sulfate	<b>236</b>	mg/L	20.0	4.4	10		05/04/23 17:16	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>353</b>	mg/L	25.0	7.4	1		05/02/23 11:38		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>15.7J</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:50		
<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		04/28/23 13:10	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2103**      **Lab ID: 40261402066**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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	11.7	ug/L	5.6	0.39	1		05/02/23 10:52	74-84-0	
Ethene	284	ug/L	5.0	0.25	1		05/02/23 10:52	74-85-1	
Methane	8870	ug/L	112	23.0	40		05/02/23 15:18	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	12.2	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 06:17	7439-89-6	
Manganese	0.58	mg/L	0.040	0.012	10	05/01/23 05:23	05/02/23 14:33	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.048	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 18:57	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 18:57	7440-47-3	
Iron, Dissolved	11.6	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 18:57	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 18:57	7439-92-1	
Manganese, Dissolved	0.59	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 18:57	7439-96-5	D9
Nickel, Dissolved	0.0033	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 18:57	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	71-43-2	
Bromobenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	108-86-1	
Bromochloromethane	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	74-97-5	
Bromodichloromethane	<1.7	ug/L	4.0	1.7	4		05/01/23 10:48	75-27-4	
Bromoform	<1.7	ug/L	4.0	1.7	4		05/01/23 10:48	75-25-2	
Bromomethane	<4.8	ug/L	20.0	4.8	4		05/01/23 10:48	74-83-9	
n-Butylbenzene	<3.4	ug/L	4.0	3.4	4		05/01/23 10:48	104-51-8	
sec-Butylbenzene	<1.7	ug/L	4.0	1.7	4		05/01/23 10:48	135-98-8	
tert-Butylbenzene	<2.3	ug/L	4.0	2.3	4		05/01/23 10:48	98-06-6	
Carbon tetrachloride	<1.5	ug/L	4.0	1.5	4		05/01/23 10:48	56-23-5	
Chlorobenzene	<3.4	ug/L	4.0	3.4	4		05/01/23 10:48	108-90-7	
Chloroethane	<5.5	ug/L	20.0	5.5	4		05/01/23 10:48	75-00-3	
Chloroform	<2.0	ug/L	20.0	2.0	4		05/01/23 10:48	67-66-3	
Chloromethane	<6.5	ug/L	20.0	6.5	4		05/01/23 10:48	74-87-3	
2-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		05/01/23 10:48	95-49-8	
4-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		05/01/23 10:48	106-43-4	
1,2-Dibromo-3-chloropropane	<9.5	ug/L	20.0	9.5	4		05/01/23 10:48	96-12-8	
Dibromochloromethane	<10.6	ug/L	20.0	10.6	4		05/01/23 10:48	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	106-93-4	
Dibromomethane	<4.0	ug/L	20.0	4.0	4		05/01/23 10:48	74-95-3	
1,2-Dichlorobenzene	<1.3	ug/L	4.0	1.3	4		05/01/23 10:48	95-50-1	
1,3-Dichlorobenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	541-73-1	
1,4-Dichlorobenzene	<3.6	ug/L	4.0	3.6	4		05/01/23 10:48	106-46-7	
Dichlorodifluoromethane	<1.8	ug/L	20.0	1.8	4		05/01/23 10:48	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2103**      **Lab ID: 40261402066**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	107-06-2	
1,1-Dichloroethane	<2.3	ug/L	4.0	2.3	4		05/01/23 10:48	75-35-4	
cis-1,2-Dichloroethene	359	ug/L	4.0	1.9	4		05/01/23 10:48	156-59-2	
trans-1,2-Dichloroethene	6.1	ug/L	4.0	2.1	4		05/01/23 10:48	156-60-5	
1,2-Dichloropropane	<1.8	ug/L	4.0	1.8	4		05/01/23 10:48	78-87-5	
1,3-Dichloropropane	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	142-28-9	
2,2-Dichloropropane	<1.7	ug/L	4.0	1.7	4		05/01/23 10:48	594-20-7	
1,1-Dichloropropene	<1.6	ug/L	4.0	1.6	4		05/01/23 10:48	563-58-6	
cis-1,3-Dichloropropene	<0.95	ug/L	4.0	0.95	4		05/01/23 10:48	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	4.0	1.1	4		05/01/23 10:48	10061-02-6	
Diisopropyl ether	<4.4	ug/L	20.0	4.4	4		05/01/23 10:48	108-20-3	
Ethylbenzene	<1.3	ug/L	4.0	1.3	4		05/01/23 10:48	100-41-4	
Hexachloro-1,3-butadiene	<10.9	ug/L	20.0	10.9	4		05/01/23 10:48	87-68-3	
Isopropylbenzene (Cumene)	<4.0	ug/L	20.0	4.0	4		05/01/23 10:48	98-82-8	
p-Isopropyltoluene	<4.2	ug/L	20.0	4.2	4		05/01/23 10:48	99-87-6	
Methylene Chloride	<1.3	ug/L	20.0	1.3	4		05/01/23 10:48	75-09-2	
Methyl-tert-butyl ether	<4.5	ug/L	20.0	4.5	4		05/01/23 10:48	1634-04-4	
Naphthalene	<7.7	ug/L	20.0	7.7	4		05/01/23 10:48	91-20-3	
n-Propylbenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	103-65-1	
Styrene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	100-42-5	
1,1,1,2-Tetrachloroethane	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.5	ug/L	4.0	1.5	4		05/01/23 10:48	79-34-5	
Tetrachloroethene	<1.6	ug/L	4.0	1.6	4		05/01/23 10:48	127-18-4	
Toluene	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	108-88-3	
1,2,3-Trichlorobenzene	<4.1	ug/L	20.0	4.1	4		05/01/23 10:48	87-61-6	
1,2,4-Trichlorobenzene	<3.8	ug/L	20.0	3.8	4		05/01/23 10:48	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	4.0	1.2	4		05/01/23 10:48	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	79-00-5	
Trichloroethene	5.4	ug/L	4.0	1.3	4		05/01/23 10:48	79-01-6	
Trichlorofluoromethane	<1.7	ug/L	4.0	1.7	4		05/01/23 10:48	75-69-4	
1,2,3-Trichloropropane	<2.2	ug/L	4.0	2.2	4		05/01/23 10:48	96-18-4	
1,2,4-Trimethylbenzene	<1.8	ug/L	4.0	1.8	4		05/01/23 10:48	95-63-6	
1,3,5-Trimethylbenzene	<1.4	ug/L	4.0	1.4	4		05/01/23 10:48	108-67-8	
Vinyl chloride	572	ug/L	4.0	0.70	4		05/01/23 10:48	75-01-4	
Xylene (Total)	<4.2	ug/L	12.0	4.2	4		05/01/23 10:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		4		05/01/23 10:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		4		05/01/23 10:48	2199-69-1	
Toluene-d8 (S)	101	%	70-130		4		05/01/23 10:48	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		05/01/23 13:51		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2103**      **Lab ID: 40261402066**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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>158</b>	mg/L	100	21.6	50		05/04/23 17:31	16887-00-6	
Sulfate	<b>1170</b>	mg/L	100	22.2	50		05/04/23 17:31	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>631</b>	mg/L	125	37.2	5		05/02/23 11:39		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>60.2</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>19.1</b>	mg/L	5.0	1.4	10		04/28/23 13:58	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2103D**      **Lab ID: 40261402067**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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	12.1	ug/L	5.6	0.39	1		05/02/23 10:59	74-84-0	
Ethene	295	ug/L	5.0	0.25	1		05/02/23 10:59	74-85-1	
Methane	7830	ug/L	112	23.0	40		05/02/23 15:25	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	12.3	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 06:24	7439-89-6	
Manganese	0.59	mg/L	0.040	0.012	10	05/01/23 05:23	05/02/23 14:41	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.046	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 19:04	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 19:04	7440-47-3	
Iron, Dissolved	10.9	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 19:04	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 19:04	7439-92-1	
Manganese, Dissolved	0.58	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 19:04	7439-96-5	
Nickel, Dissolved	0.0036	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 19:04	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.74	ug/L	2.5	0.74	2.5		05/01/23 11:27	71-43-2	
Bromobenzene	<0.90	ug/L	2.5	0.90	2.5		05/01/23 11:27	108-86-1	
Bromochloromethane	<0.89	ug/L	2.5	0.89	2.5		05/01/23 11:27	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.5	1.0	2.5		05/01/23 11:27	75-27-4	
Bromoform	<1.1	ug/L	2.5	1.1	2.5		05/01/23 11:27	75-25-2	
Bromomethane	<3.0	ug/L	12.5	3.0	2.5		05/01/23 11:27	74-83-9	
n-Butylbenzene	<2.1	ug/L	2.5	2.1	2.5		05/01/23 11:27	104-51-8	
sec-Butylbenzene	<1.1	ug/L	2.5	1.1	2.5		05/01/23 11:27	135-98-8	
tert-Butylbenzene	<1.5	ug/L	2.5	1.5	2.5		05/01/23 11:27	98-06-6	
Carbon tetrachloride	<0.92	ug/L	2.5	0.92	2.5		05/01/23 11:27	56-23-5	
Chlorobenzene	<2.1	ug/L	2.5	2.1	2.5		05/01/23 11:27	108-90-7	
Chloroethane	<3.4	ug/L	12.5	3.4	2.5		05/01/23 11:27	75-00-3	
Chloroform	<1.3	ug/L	12.5	1.3	2.5		05/01/23 11:27	67-66-3	
Chloromethane	<4.1	ug/L	12.5	4.1	2.5		05/01/23 11:27	74-87-3	
2-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		05/01/23 11:27	95-49-8	
4-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		05/01/23 11:27	106-43-4	
1,2-Dibromo-3-chloropropane	<5.9	ug/L	12.5	5.9	2.5		05/01/23 11:27	96-12-8	
Dibromochloromethane	<6.6	ug/L	12.5	6.6	2.5		05/01/23 11:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.77	ug/L	2.5	0.77	2.5		05/01/23 11:27	106-93-4	
Dibromomethane	<2.5	ug/L	12.5	2.5	2.5		05/01/23 11:27	74-95-3	
1,2-Dichlorobenzene	<0.81	ug/L	2.5	0.81	2.5		05/01/23 11:27	95-50-1	
1,3-Dichlorobenzene	<0.88	ug/L	2.5	0.88	2.5		05/01/23 11:27	541-73-1	
1,4-Dichlorobenzene	<2.2	ug/L	2.5	2.2	2.5		05/01/23 11:27	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	12.5	1.1	2.5		05/01/23 11:27	75-71-8	
1,1-Dichloroethane	<0.74	ug/L	2.5	0.74	2.5		05/01/23 11:27	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2103D**      **Lab ID: 40261402067**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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	<0.73	ug/L	2.5	0.73	2.5		05/01/23 11:27	107-06-2	
1,1-Dichloroethene	<1.5	ug/L	2.5	1.5	2.5		05/01/23 11:27	75-35-4	
cis-1,2-Dichloroethene	300	ug/L	2.5	1.2	2.5		05/01/23 11:27	156-59-2	
trans-1,2-Dichloroethene	5.0	ug/L	2.5	1.3	2.5		05/01/23 11:27	156-60-5	
1,2-Dichloropropane	<1.1	ug/L	2.5	1.1	2.5		05/01/23 11:27	78-87-5	
1,3-Dichloropropane	<0.76	ug/L	2.5	0.76	2.5		05/01/23 11:27	142-28-9	
2,2-Dichloropropane	<1.0	ug/L	2.5	1.0	2.5		05/01/23 11:27	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	2.5	1.0	2.5		05/01/23 11:27	563-58-6	
cis-1,3-Dichloropropene	<0.59	ug/L	2.5	0.59	2.5		05/01/23 11:27	10061-01-5	
trans-1,3-Dichloropropene	<0.66	ug/L	2.5	0.66	2.5		05/01/23 11:27	10061-02-6	
Diisopropyl ether	<2.8	ug/L	12.5	2.8	2.5		05/01/23 11:27	108-20-3	
Ethylbenzene	<0.81	ug/L	2.5	0.81	2.5		05/01/23 11:27	100-41-4	
Hexachloro-1,3-butadiene	<6.8	ug/L	12.5	6.8	2.5		05/01/23 11:27	87-68-3	
Isopropylbenzene (Cumene)	<2.5	ug/L	12.5	2.5	2.5		05/01/23 11:27	98-82-8	
p-Isopropyltoluene	<2.6	ug/L	12.5	2.6	2.5		05/01/23 11:27	99-87-6	
Methylene Chloride	<0.80	ug/L	12.5	0.80	2.5		05/01/23 11:27	75-09-2	
Methyl-tert-butyl ether	<2.8	ug/L	12.5	2.8	2.5		05/01/23 11:27	1634-04-4	
Naphthalene	<4.8	ug/L	12.5	4.8	2.5		05/01/23 11:27	91-20-3	
n-Propylbenzene	<0.86	ug/L	2.5	0.86	2.5		05/01/23 11:27	103-65-1	
Styrene	<0.89	ug/L	2.5	0.89	2.5		05/01/23 11:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.89	ug/L	2.5	0.89	2.5		05/01/23 11:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.94	ug/L	2.5	0.94	2.5		05/01/23 11:27	79-34-5	
Tetrachloroethene	<1.0	ug/L	2.5	1.0	2.5		05/01/23 11:27	127-18-4	
Toluene	<0.72	ug/L	2.5	0.72	2.5		05/01/23 11:27	108-88-3	
1,2,3-Trichlorobenzene	<2.5	ug/L	12.5	2.5	2.5		05/01/23 11:27	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	12.5	2.4	2.5		05/01/23 11:27	120-82-1	
1,1,1-Trichloroethane	<0.76	ug/L	2.5	0.76	2.5		05/01/23 11:27	71-55-6	
1,1,2-Trichloroethane	<0.86	ug/L	2.5	0.86	2.5		05/01/23 11:27	79-00-5	
Trichloroethene	8.4	ug/L	2.5	0.80	2.5		05/01/23 11:27	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	2.5	1.0	2.5		05/01/23 11:27	75-69-4	
1,2,3-Trichloropropane	<1.4	ug/L	2.5	1.4	2.5		05/01/23 11:27	96-18-4	
1,2,4-Trimethylbenzene	<1.1	ug/L	2.5	1.1	2.5		05/01/23 11:27	95-63-6	
1,3,5-Trimethylbenzene	<0.89	ug/L	2.5	0.89	2.5		05/01/23 11:27	108-67-8	
Vinyl chloride	472	ug/L	25.0	4.4	25		04/29/23 01:07	75-01-4	
Xylene (Total)	<2.6	ug/L	7.5	2.6	2.5		05/01/23 11:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		2.5		05/01/23 11:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		2.5		05/01/23 11:27	2199-69-1	
Toluene-d8 (S)	100	%	70-130		2.5		05/01/23 11:27	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		05/01/23 13:54		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

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**Sample: MW-2103D**      **Lab ID: 40261402067**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      Matrix: Water

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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>160</b>	mg/L	100	21.6	50		05/04/23 17:46	16887-00-6	
Sulfate	<b>1190</b>	mg/L	100	22.2	50		05/04/23 17:46	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>612</b>	mg/L	125	37.2	5		05/02/23 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>60.2</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>18.9</b>	mg/L	3.0	0.83	6		04/28/23 14:12	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2103**      **Lab ID: 40261402068**      Collected: 04/26/23 12:45      Received: 04/27/23 09:15      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	339	ug/L	5.6	0.39	1		05/02/23 11:06	74-84-0	pH
Ethene	11300	ug/L	250	12.6	50		05/02/23 15:32	74-85-1	pH
Methane	55.0	ug/L	2.8	0.58	1		05/02/23 11:06	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	66.4	mg/L	5.0	1.2	20	05/01/23 05:23	05/02/23 14:48	7439-89-6	
Manganese	1.9	mg/L	0.081	0.024	20	05/01/23 05:23	05/02/23 14:48	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.021J	mg/L	0.023	0.0070	10	05/01/23 05:23	05/04/23 19:26	7440-39-3	D3
Calcium, Dissolved	450	mg/L	2.5	0.76	10	05/01/23 05:23	05/04/23 19:26	7440-70-2	
Chromium, Dissolved	<0.010	mg/L	0.034	0.010	10	05/01/23 05:23	05/04/23 19:26	7440-47-3	D3
Iron, Dissolved	82.5	mg/L	2.5	0.58	10	05/01/23 05:23	05/04/23 19:26	7439-89-6	CR
Lead, Dissolved	<0.0024	mg/L	0.010	0.0024	10	05/01/23 05:23	05/04/23 19:26	7439-92-1	D3
Magnesium, Dissolved	168	mg/L	2.5	0.31	10	05/01/23 05:23	05/04/23 19:26	7439-95-4	
Manganese, Dissolved	1.6	mg/L	0.040	0.012	10	05/01/23 05:23	05/04/23 19:26	7439-96-5	
Nickel, Dissolved	0.0084J	mg/L	0.010	0.0028	10	05/01/23 05:23	05/04/23 19:26	7440-02-0	D3
Potassium, Dissolved	10.8	mg/L	7.9	2.4	10	05/01/23 05:23	05/04/23 19:26	7440-09-7	
Sodium, Dissolved	6560	mg/L	25.0	4.2	100	05/01/23 05:23	05/05/23 19:26	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1480	ug/L	5000	1480	5000		04/29/23 00:28	71-43-2	
Bromobenzene	<1800	ug/L	5000	1800	5000		04/29/23 00:28	108-86-1	
Bromochloromethane	<1790	ug/L	5000	1790	5000		04/29/23 00:28	74-97-5	
Bromodichloromethane	<2080	ug/L	5000	2080	5000		04/29/23 00:28	75-27-4	
Bromoform	<2140	ug/L	5000	2140	5000		04/29/23 00:28	75-25-2	
Bromomethane	<5960	ug/L	25000	5960	5000		04/29/23 00:28	74-83-9	
n-Butylbenzene	<4290	ug/L	5000	4290	5000		04/29/23 00:28	104-51-8	
sec-Butylbenzene	<2120	ug/L	5000	2120	5000		04/29/23 00:28	135-98-8	
tert-Butylbenzene	<2930	ug/L	5000	2930	5000		04/29/23 00:28	98-06-6	
Carbon tetrachloride	<1850	ug/L	5000	1850	5000		04/29/23 00:28	56-23-5	
Chlorobenzene	<4280	ug/L	5000	4280	5000		04/29/23 00:28	108-90-7	
Chloroethane	<6900	ug/L	25000	6900	5000		04/29/23 00:28	75-00-3	
Chloroform	<2520	ug/L	25000	2520	5000		04/29/23 00:28	67-66-3	
Chloromethane	<8180	ug/L	25000	8180	5000		04/29/23 00:28	74-87-3	
2-Chlorotoluene	<4450	ug/L	25000	4450	5000		04/29/23 00:28	95-49-8	
4-Chlorotoluene	<4470	ug/L	25000	4470	5000		04/29/23 00:28	106-43-4	
1,2-Dibromo-3-chloropropane	<11800	ug/L	25000	11800	5000		04/29/23 00:28	96-12-8	
Dibromochloromethane	<13200	ug/L	25000	13200	5000		04/29/23 00:28	124-48-1	
1,2-Dibromoethane (EDB)	<1550	ug/L	5000	1550	5000		04/29/23 00:28	106-93-4	
Dibromomethane	<4950	ug/L	25000	4950	5000		04/29/23 00:28	74-95-3	
1,2-Dichlorobenzene	<1630	ug/L	5000	1630	5000		04/29/23 00:28	95-50-1	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2103**      **Lab ID: 40261402068**      Collected: 04/26/23 12:45      Received: 04/27/23 09:15      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		04/29/23 00:28	541-73-1	
1,4-Dichlorobenzene	<4460	ug/L	5000	4460	5000		04/29/23 00:28	106-46-7	
Dichlorodifluoromethane	<2280	ug/L	25000	2280	5000		04/29/23 00:28	75-71-8	
1,1-Dichloroethane	<1480	ug/L	5000	1480	5000		04/29/23 00:28	75-34-3	
1,2-Dichloroethane	<1460	ug/L	5000	1460	5000		04/29/23 00:28	107-06-2	
1,1-Dichloroethene	<2910	ug/L	5000	2910	5000		04/29/23 00:28	75-35-4	
cis-1,2-Dichloroethene	47300	ug/L	5000	2360	5000		04/29/23 00:28	156-59-2	
trans-1,2-Dichloroethene	<2640	ug/L	5000	2640	5000		04/29/23 00:28	156-60-5	
1,2-Dichloropropane	<2240	ug/L	5000	2240	5000		04/29/23 00:28	78-87-5	
1,3-Dichloropropane	<1520	ug/L	5000	1520	5000		04/29/23 00:28	142-28-9	
2,2-Dichloropropane	<2090	ug/L	5000	2090	5000		04/29/23 00:28	594-20-7	
1,1-Dichloropropene	<2050	ug/L	5000	2050	5000		04/29/23 00:28	563-58-6	
cis-1,3-Dichloropropene	<1190	ug/L	5000	1190	5000		04/29/23 00:28	10061-01-5	
trans-1,3-Dichloropropene	<1330	ug/L	5000	1330	5000		04/29/23 00:28	10061-02-6	
Diisopropyl ether	<5500	ug/L	25000	5500	5000		04/29/23 00:28	108-20-3	
Ethylbenzene	<1630	ug/L	5000	1630	5000		04/29/23 00:28	100-41-4	
Hexachloro-1,3-butadiene	<13700	ug/L	25000	13700	5000		04/29/23 00:28	87-68-3	
Isopropylbenzene (Cumene)	<5000	ug/L	25000	5000	5000		04/29/23 00:28	98-82-8	
p-Isopropyltoluene	<5220	ug/L	25000	5220	5000		04/29/23 00:28	99-87-6	
Methylene Chloride	<1600	ug/L	25000	1600	5000		04/29/23 00:28	75-09-2	
Methyl-tert-butyl ether	<5650	ug/L	25000	5650	5000		04/29/23 00:28	1634-04-4	
Naphthalene	<9590	ug/L	25000	9590	5000		04/29/23 00:28	91-20-3	
n-Propylbenzene	<1730	ug/L	5000	1730	5000		04/29/23 00:28	103-65-1	
Styrene	<1780	ug/L	5000	1780	5000		04/29/23 00:28	100-42-5	
1,1,1,2-Tetrachloroethane	<1780	ug/L	5000	1780	5000		04/29/23 00:28	630-20-6	
1,1,2,2-Tetrachloroethane	<1890	ug/L	5000	1890	5000		04/29/23 00:28	79-34-5	
Tetrachloroethene	<2040	ug/L	5000	2040	5000		04/29/23 00:28	127-18-4	
Toluene	<1440	ug/L	5000	1440	5000		04/29/23 00:28	108-88-3	
1,2,3-Trichlorobenzene	<5090	ug/L	25000	5090	5000		04/29/23 00:28	87-61-6	
1,2,4-Trichlorobenzene	<4750	ug/L	25000	4750	5000		04/29/23 00:28	120-82-1	
1,1,1-Trichloroethane	<1510	ug/L	5000	1510	5000		04/29/23 00:28	71-55-6	
1,1,2-Trichloroethane	<1720	ug/L	5000	1720	5000		04/29/23 00:28	79-00-5	
Trichloroethene	659000	ug/L	5000	1600	5000		04/29/23 00:28	79-01-6	
Trichlorofluoromethane	<2090	ug/L	5000	2090	5000		04/29/23 00:28	75-69-4	
1,2,3-Trichloropropane	<2780	ug/L	5000	2780	5000		04/29/23 00:28	96-18-4	
1,2,4-Trimethylbenzene	<2240	ug/L	5000	2240	5000		04/29/23 00:28	95-63-6	
1,3,5-Trimethylbenzene	<1790	ug/L	5000	1790	5000		04/29/23 00:28	108-67-8	
Vinyl chloride	<872	ug/L	5000	872	5000		04/29/23 00:28	75-01-4	
Xylene (Total)	<5240	ug/L	15000	5240	5000		04/29/23 00:28	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		5000		04/29/23 00:28	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		5000		04/29/23 00:28	2199-69-1	
Toluene-d8 (S)	100	%	70-130		5000		04/29/23 00:28	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2103**      **Lab ID: 40261402068**      Collected: 04/26/23 12:45      Received: 04/27/23 09:15      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	<12.0	mg/L	39.9	12.0	10		05/01/23 13:56		D3
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	906J	mg/L	1000	216	500		05/04/23 18:01	16887-00-6	D3
Sulfate	13100	mg/L	1000	222	500		05/04/23 18:01	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>	4720	mg/L	250	74.4	10		05/02/23 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	6210	mg/L	1000	295	1	05/05/23 02:40	05/05/23 05:50		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1930	mg/L	50.0	13.8	100		04/28/23 14:28	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2103D**      **Lab ID: 40261402069**      Collected: 04/26/23 12:45      Received: 04/27/23 09:15      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	170	ug/L	5.6	0.39	1		05/02/23 12:49	74-84-0	pH
Ethene	6890	ug/L	200	10.1	40		05/02/23 15:39	74-85-1	pH
Methane	25.6	ug/L	2.8	0.58	1		05/02/23 12:49	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	68.3	mg/L	5.0	1.2	20	05/01/23 05:23	05/02/23 14:55	7439-89-6	
Manganese	1.8	mg/L	0.081	0.024	20	05/01/23 05:23	05/02/23 14:55	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.022J	mg/L	0.023	0.0070	10	05/01/23 05:23	05/04/23 19:33	7440-39-3	D3
Chromium, Dissolved	<0.010	mg/L	0.034	0.010	10	05/01/23 05:23	05/04/23 19:33	7440-47-3	D3
Iron, Dissolved	85.8	mg/L	2.5	0.58	10	05/01/23 05:23	05/04/23 19:33	7439-89-6	CR
Lead, Dissolved	<0.0024	mg/L	0.010	0.0024	10	05/01/23 05:23	05/04/23 19:33	7439-92-1	D3
Manganese, Dissolved	1.6	mg/L	0.040	0.012	10	05/01/23 05:23	05/04/23 19:33	7439-96-5	
Nickel, Dissolved	0.0079J	mg/L	0.010	0.0028	10	05/01/23 05:23	05/04/23 19:33	7440-02-0	D3
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<591	ug/L	2000	591	2000		05/01/23 11:07	71-43-2	
Bromobenzene	<722	ug/L	2000	722	2000		05/01/23 11:07	108-86-1	
Bromochloromethane	<716	ug/L	2000	716	2000		05/01/23 11:07	74-97-5	
Bromodichloromethane	<831	ug/L	2000	831	2000		05/01/23 11:07	75-27-4	
Bromoform	<858	ug/L	2000	858	2000		05/01/23 11:07	75-25-2	
Bromomethane	<2380	ug/L	10000	2380	2000		05/01/23 11:07	74-83-9	
n-Butylbenzene	<1710	ug/L	2000	1710	2000		05/01/23 11:07	104-51-8	
sec-Butylbenzene	<848	ug/L	2000	848	2000		05/01/23 11:07	135-98-8	
tert-Butylbenzene	<1170	ug/L	2000	1170	2000		05/01/23 11:07	98-06-6	
Carbon tetrachloride	<739	ug/L	2000	739	2000		05/01/23 11:07	56-23-5	
Chlorobenzene	<1710	ug/L	2000	1710	2000		05/01/23 11:07	108-90-7	
Chloroethane	<2760	ug/L	10000	2760	2000		05/01/23 11:07	75-00-3	
Chloroform	<1010	ug/L	10000	1010	2000		05/01/23 11:07	67-66-3	
Chloromethane	<3270	ug/L	10000	3270	2000		05/01/23 11:07	74-87-3	
2-Chlorotoluene	<1780	ug/L	10000	1780	2000		05/01/23 11:07	95-49-8	
4-Chlorotoluene	<1790	ug/L	10000	1790	2000		05/01/23 11:07	106-43-4	
1,2-Dibromo-3-chloropropane	<4730	ug/L	10000	4730	2000		05/01/23 11:07	96-12-8	
Dibromochloromethane	<5290	ug/L	10000	5290	2000		05/01/23 11:07	124-48-1	
1,2-Dibromoethane (EDB)	<618	ug/L	2000	618	2000		05/01/23 11:07	106-93-4	
Dibromomethane	<1980	ug/L	10000	1980	2000		05/01/23 11:07	74-95-3	
1,2-Dichlorobenzene	<652	ug/L	2000	652	2000		05/01/23 11:07	95-50-1	
1,3-Dichlorobenzene	<702	ug/L	2000	702	2000		05/01/23 11:07	541-73-1	
1,4-Dichlorobenzene	<1780	ug/L	2000	1780	2000		05/01/23 11:07	106-46-7	
Dichlorodifluoromethane	<911	ug/L	10000	911	2000		05/01/23 11:07	75-71-8	
1,1-Dichloroethane	<591	ug/L	2000	591	2000		05/01/23 11:07	75-34-3	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2103D**      **Lab ID: 40261402069**      Collected: 04/26/23 12:45      Received: 04/27/23 09:15      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	<583	ug/L	2000	583	2000		05/01/23 11:07	107-06-2	
1,1-Dichloroethane	<1160	ug/L	2000	1160	2000		05/01/23 11:07	75-35-4	
cis-1,2-Dichloroethene	13500	ug/L	2000	943	2000		05/01/23 11:07	156-59-2	
trans-1,2-Dichloroethene	<1060	ug/L	2000	1060	2000		05/01/23 11:07	156-60-5	
1,2-Dichloropropane	<896	ug/L	2000	896	2000		05/01/23 11:07	78-87-5	
1,3-Dichloropropane	<610	ug/L	2000	610	2000		05/01/23 11:07	142-28-9	
2,2-Dichloropropane	<837	ug/L	2000	837	2000		05/01/23 11:07	594-20-7	
1,1-Dichloropropene	<821	ug/L	2000	821	2000		05/01/23 11:07	563-58-6	
cis-1,3-Dichloropropene	<474	ug/L	2000	474	2000		05/01/23 11:07	10061-01-5	
trans-1,3-Dichloropropene	<531	ug/L	2000	531	2000		05/01/23 11:07	10061-02-6	
Diisopropyl ether	<2200	ug/L	10000	2200	2000		05/01/23 11:07	108-20-3	
Ethylbenzene	<650	ug/L	2000	650	2000		05/01/23 11:07	100-41-4	
Hexachloro-1,3-butadiene	<5470	ug/L	10000	5470	2000		05/01/23 11:07	87-68-3	
Isopropylbenzene (Cumene)	<2000	ug/L	10000	2000	2000		05/01/23 11:07	98-82-8	
p-Isopropyltoluene	<2090	ug/L	10000	2090	2000		05/01/23 11:07	99-87-6	
Methylene Chloride	<639	ug/L	10000	639	2000		05/01/23 11:07	75-09-2	
Methyl-tert-butyl ether	<2260	ug/L	10000	2260	2000		05/01/23 11:07	1634-04-4	
Naphthalene	<3830	ug/L	10000	3830	2000		05/01/23 11:07	91-20-3	
n-Propylbenzene	<691	ug/L	2000	691	2000		05/01/23 11:07	103-65-1	
Styrene	<713	ug/L	2000	713	2000		05/01/23 11:07	100-42-5	
1,1,1,2-Tetrachloroethane	<711	ug/L	2000	711	2000		05/01/23 11:07	630-20-6	
1,1,1,2,2-Tetrachloroethane	<756	ug/L	2000	756	2000		05/01/23 11:07	79-34-5	
Tetrachloroethene	<817	ug/L	2000	817	2000		05/01/23 11:07	127-18-4	
Toluene	<576	ug/L	2000	576	2000		05/01/23 11:07	108-88-3	
1,2,3-Trichlorobenzene	<2040	ug/L	10000	2040	2000		05/01/23 11:07	87-61-6	
1,2,4-Trichlorobenzene	<1900	ug/L	10000	1900	2000		05/01/23 11:07	120-82-1	
1,1,1-Trichloroethane	<605	ug/L	2000	605	2000		05/01/23 11:07	71-55-6	
1,1,2-Trichloroethane	<689	ug/L	2000	689	2000		05/01/23 11:07	79-00-5	
Trichloroethene	185000	ug/L	2000	639	2000		05/01/23 11:07	79-01-6	
Trichlorofluoromethane	<837	ug/L	2000	837	2000		05/01/23 11:07	75-69-4	
1,2,3-Trichloropropane	<1110	ug/L	2000	1110	2000		05/01/23 11:07	96-18-4	
1,2,4-Trimethylbenzene	<897	ug/L	2000	897	2000		05/01/23 11:07	95-63-6	
1,3,5-Trimethylbenzene	<715	ug/L	2000	715	2000		05/01/23 11:07	108-67-8	
Vinyl chloride	<349	ug/L	2000	349	2000		05/01/23 11:07	75-01-4	
Xylene (Total)	<2100	ug/L	6000	2100	2000		05/01/23 11:07	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		2000		05/01/23 11:07	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2000		05/01/23 11:07	2199-69-1	
Toluene-d8 (S)	101	%	70-130		2000		05/01/23 11:07	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	12.0J	mg/L	39.9	12.0	10		05/01/23 13:59		D3

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2103D**      **Lab ID: 40261402069**      Collected: 04/26/23 12:45      Received: 04/27/23 09:15      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>901J</b>	mg/L	1000	216	500		05/04/23 18:16	16887-00-6	D3
Sulfate	<b>13000</b>	mg/L	1000	222	500		05/04/23 18:16	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>4750</b>	mg/L	250	74.4	10		05/02/23 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	<b>5740</b>	mg/L	1000	295	1	05/05/23 02:40	05/05/23 05:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1910</b>	mg/L	75.0	20.8	150		04/28/23 14:44	7440-44-0	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2113**      **Lab ID: 40261402070**      Collected: 04/26/23 09:25      Received: 04/27/23 09:15      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>1.2J</b>	ug/L	5.6	0.39	1		05/02/23 12:56	74-84-0	
Ethene	<b>9.3</b>	ug/L	5.0	0.25	1		05/02/23 12:56	74-85-1	
Methane	<b>2240</b>	ug/L	28.0	5.8	10		05/02/23 16:10	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>3.0</b>	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 15:03	7439-89-6	
Manganese	<b>0.18</b>	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/02/23 15:03	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.11</b>	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 19:41	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 19:41	7440-47-3	
Iron, Dissolved	<b>3.2</b>	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 19:41	7439-89-6	D9
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 19:41	7439-92-1	
Manganese, Dissolved	<b>0.19</b>	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 19:41	7439-96-5	D9
Nickel, Dissolved	<b>0.0092</b>	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 19:41	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		04/28/23 22:10	71-43-2	
Bromobenzene	<b>&lt;0.36</b>	ug/L	1.0	0.36	1		04/28/23 22:10	108-86-1	
Bromochloromethane	<b>&lt;0.36</b>	ug/L	1.0	0.36	1		04/28/23 22:10	74-97-5	
Bromodichloromethane	<b>&lt;0.42</b>	ug/L	1.0	0.42	1		04/28/23 22:10	75-27-4	
Bromoform	<b>&lt;0.43</b>	ug/L	1.0	0.43	1		04/28/23 22:10	75-25-2	
Bromomethane	<b>&lt;1.2</b>	ug/L	5.0	1.2	1		04/28/23 22:10	74-83-9	
n-Butylbenzene	<b>&lt;0.86</b>	ug/L	1.0	0.86	1		04/28/23 22:10	104-51-8	
sec-Butylbenzene	<b>&lt;0.42</b>	ug/L	1.0	0.42	1		04/28/23 22:10	135-98-8	
tert-Butylbenzene	<b>&lt;0.59</b>	ug/L	1.0	0.59	1		04/28/23 22:10	98-06-6	
Carbon tetrachloride	<b>&lt;0.37</b>	ug/L	1.0	0.37	1		04/28/23 22:10	56-23-5	
Chlorobenzene	<b>&lt;0.86</b>	ug/L	1.0	0.86	1		04/28/23 22:10	108-90-7	
Chloroethane	<b>&lt;1.4</b>	ug/L	5.0	1.4	1		04/28/23 22:10	75-00-3	
Chloroform	<b>&lt;0.50</b>	ug/L	5.0	0.50	1		04/28/23 22:10	67-66-3	
Chloromethane	<b>&lt;1.6</b>	ug/L	5.0	1.6	1		04/28/23 22:10	74-87-3	
2-Chlorotoluene	<b>&lt;0.89</b>	ug/L	5.0	0.89	1		04/28/23 22:10	95-49-8	
4-Chlorotoluene	<b>&lt;0.89</b>	ug/L	5.0	0.89	1		04/28/23 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;2.4</b>	ug/L	5.0	2.4	1		04/28/23 22:10	96-12-8	
Dibromochloromethane	<b>&lt;2.6</b>	ug/L	5.0	2.6	1		04/28/23 22:10	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;0.31</b>	ug/L	1.0	0.31	1		04/28/23 22:10	106-93-4	
Dibromomethane	<b>&lt;0.99</b>	ug/L	5.0	0.99	1		04/28/23 22:10	74-95-3	
1,2-Dichlorobenzene	<b>&lt;0.33</b>	ug/L	1.0	0.33	1		04/28/23 22:10	95-50-1	
1,3-Dichlorobenzene	<b>&lt;0.35</b>	ug/L	1.0	0.35	1		04/28/23 22:10	541-73-1	
1,4-Dichlorobenzene	<b>&lt;0.89</b>	ug/L	1.0	0.89	1		04/28/23 22:10	106-46-7	
Dichlorodifluoromethane	<b>&lt;0.46</b>	ug/L	5.0	0.46	1		04/28/23 22:10	75-71-8	
1,1-Dichloroethane	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		04/28/23 22:10	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2113**      **Lab ID: 40261402070**      Collected: 04/26/23 09:25      Received: 04/27/23 09:15      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		04/28/23 22:10	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		04/28/23 22:10	75-35-4	
cis-1,2-Dichloroethene	682	ug/L	10.0	4.7	10		05/01/23 10:08	156-59-2	
trans-1,2-Dichloroethene	28.4	ug/L	1.0	0.53	1		04/28/23 22:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 22:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:10	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:10	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 22:10	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 22:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 22:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 22:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 22:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 22:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 22:10	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 22:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 22:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 22:10	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 22:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 22:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 22:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 22:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 22:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 22:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 22:10	79-00-5	
Trichloroethene	0.57J	ug/L	1.0	0.32	1		04/28/23 22:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 22:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 22:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 22:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 22:10	108-67-8	
Vinyl chloride	1010	ug/L	10.0	1.7	10		05/01/23 10:08	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 22:10	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/28/23 22:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		04/28/23 22:10	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		04/28/23 22:10	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		05/01/23 14:00		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2113**      **Lab ID: 40261402070**      Collected: 04/26/23 09:25      Received: 04/27/23 09:15      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>51.9</b>	mg/L	40.0	8.6	20		05/04/23 18:30	16887-00-6	
Sulfate	<b>540</b>	mg/L	40.0	8.9	20		05/04/23 18:30	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>534</b>	mg/L	250	74.4	10		05/02/23 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	<b>96.2</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>40.4</b>	mg/L	15.0	4.2	30		04/28/23 14:59	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2113**      **Lab ID: 40261402071**      Collected: 04/26/23 10:20      Received: 04/27/23 09:15      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	148	ug/L	5.6	0.39	1		05/02/23 13:03	74-84-0	
Ethene	1250	ug/L	200	10.1	40		05/02/23 16:17	74-85-1	
Methane	5170	ug/L	112	23.0	40		05/02/23 16:17	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	54.8	mg/L	2.5	0.58	10	05/01/23 05:23	05/02/23 15:12	7439-89-6	
Manganese	0.32	mg/L	0.040	0.012	10	05/01/23 05:23	05/02/23 15:12	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	0.0023	0.00070	1	05/01/23 05:23	05/04/23 19:48	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 19:48	7440-47-3	
Iron, Dissolved	54.4	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 19:48	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 19:48	7439-92-1	
Manganese, Dissolved	0.35	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 19:48	7439-96-5	D9
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 19:48	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.96J	ug/L	1.0	0.30	1		05/01/23 09:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:29	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 09:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:29	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 09:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 09:29	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 09:29	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 09:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 09:29	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 09:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 09:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 09:29	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 09:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 09:29	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 09:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 09:29	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 09:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 09:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 09:29	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 09:29	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 09:29	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 09:29	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 09:29	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 09:29	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:29	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2113**      **Lab ID: 40261402071**      Collected: 04/26/23 10:20      Received: 04/27/23 09:15      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		05/01/23 09:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 09:29	75-35-4	
cis-1,2-Dichloroethene	8.1	ug/L	1.0	0.47	1		05/01/23 09:29	156-59-2	
trans-1,2-Dichloroethene	2.8	ug/L	1.0	0.53	1		05/01/23 09:29	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 09:29	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:29	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:29	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 09:29	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 09:29	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 09:29	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 09:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 09:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 09:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 09:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 09:29	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 09:29	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 09:29	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 09:29	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 09:29	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:29	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 09:29	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 09:29	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 09:29	127-18-4	
Toluene	0.44J	ug/L	1.0	0.29	1		05/01/23 09:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 09:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 09:29	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 09:29	79-00-5	
Trichloroethene	0.37J	ug/L	1.0	0.32	1		05/01/23 09:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:29	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 09:29	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 09:29	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:29	108-67-8	
Vinyl chloride	35.8	ug/L	1.0	0.17	1		05/01/23 09:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 09:29	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		05/01/23 09:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		05/01/23 09:29	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 09:29	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		05/01/23 14:02		

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2113**      **Lab ID: 40261402071**      Collected: 04/26/23 10:20      Received: 04/27/23 09:15      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>326</b>	mg/L	20.0	4.3	10		05/04/23 18:45	16887-00-6	
Sulfate	<b>7.7J</b>	mg/L	20.0	4.4	10		05/04/23 18:45	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>1710</b>	mg/L	250	74.4	10		05/02/23 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>156</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1090</b>	mg/L	75.0	20.8	150		04/28/23 15:14	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2111**      **Lab ID: 40261402072**      Collected: 04/26/23 12:30      Received: 04/27/23 09:15      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	16.3	ug/L	5.6	0.39	1		05/02/23 13:10	74-84-0	
Ethene	11.5	ug/L	5.0	0.25	1		05/02/23 13:10	74-85-1	
Methane	8670	ug/L	112	23.0	40		05/02/23 16:24	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	40.4	mg/L	2.5	0.58	10	05/01/23 05:23	05/02/23 15:19	7439-89-6	
Manganese	0.18	mg/L	0.040	0.012	10	05/01/23 05:23	05/02/23 15:19	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.042	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 19:55	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 19:55	7440-47-3	
Iron, Dissolved	28.0	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 19:55	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 19:55	7439-92-1	
Manganese, Dissolved	0.26	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 19:55	7439-96-5	CR
Nickel, Dissolved	0.062	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 19:55	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.51J	ug/L	1.0	0.30	1		05/01/23 09:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:48	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 09:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:48	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 09:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 09:48	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 09:48	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 09:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 09:48	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 09:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 09:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 09:48	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 09:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 09:48	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 09:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 09:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 09:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 09:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 09:48	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 09:48	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 09:48	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 09:48	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 09:48	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 09:48	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:48	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2111**      **Lab ID: 40261402072**      Collected: 04/26/23 12:30      Received: 04/27/23 09:15      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		05/01/23 09:48	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		05/01/23 09:48	75-35-4	
cis-1,2-Dichloroethene	18.3	ug/L	1.0	0.47	1		05/01/23 09:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 09:48	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 09:48	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:48	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:48	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 09:48	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 09:48	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 09:48	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 09:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 09:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 09:48	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 09:48	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 09:48	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 09:48	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 09:48	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 09:48	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 09:48	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 09:48	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 09:48	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 09:48	127-18-4	
Toluene	0.31J	ug/L	1.0	0.29	1		05/01/23 09:48	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 09:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 09:48	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 09:48	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 09:48	79-00-5	
Trichloroethene	0.80J	ug/L	1.0	0.32	1		05/01/23 09:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 09:48	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 09:48	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 09:48	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 09:48	108-67-8	
Vinyl chloride	2.7	ug/L	1.0	0.17	1		05/01/23 09:48	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 09:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		05/01/23 09:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		05/01/23 09:48	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		05/01/23 09:48	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<12.0	mg/L	39.9	12.0	10		05/01/23 14:05		1q,D3

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2111**      **Lab ID: 40261402072**      Collected: 04/26/23 12:30      Received: 04/27/23 09:15      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>30.0J</b>	mg/L	100	21.6	50		05/04/23 19:50	16887-00-6	D3
Sulfate	<b>1580</b>	mg/L	100	22.2	50		05/04/23 19:50	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>433</b>	mg/L	250	74.4	10		05/02/23 11:49		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>351</b>	mg/L	200	58.9	1	05/05/23 02:40	05/05/23 05:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>104</b>	mg/L	75.0	20.8	150		04/28/23 15:48	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2111**      **Lab ID: 40261402073**      Collected: 04/26/23 13:40      Received: 04/27/23 09:15      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	39.3	ug/L	5.6	0.39	1		05/02/23 13:17	74-84-0	
Ethene	19.6	ug/L	5.0	0.25	1		05/02/23 13:17	74-85-1	
Methane	7550	ug/L	140	28.8	50		05/02/23 16:31	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	119	mg/L	5.0	1.2	20	05/01/23 05:23	05/02/23 15:27	7439-89-6	
Manganese	0.77	mg/L	0.081	0.024	20	05/01/23 05:23	05/02/23 15:27	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	2.0	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 20:03	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 20:03	7440-47-3	
Iron, Dissolved	126	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 20:03	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 20:03	7439-92-1	
Manganese, Dissolved	0.82	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 20:03	7439-96-5	D9
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 20:03	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.39J	ug/L	1.0	0.30	1		04/28/23 21:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:31	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:31	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:31	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 21:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 21:31	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:31	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 21:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 21:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 21:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:31	108-90-7	
Chloroethane	3.7J	ug/L	5.0	1.4	1		04/28/23 21:31	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 21:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 21:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 21:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 21:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 21:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 21:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 21:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 21:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:31	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2111**      **Lab ID: 40261402073**      Collected: 04/26/23 13:40      Received: 04/27/23 09:15      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		04/28/23 21:31	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 21:31	75-35-4	
cis-1,2-Dichloroethene	6.9	ug/L	1.0	0.47	1		04/28/23 21:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 21:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 21:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:31	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:31	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 21:31	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 21:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:31	108-20-3	
Ethylbenzene	0.60J	ug/L	1.0	0.33	1		04/28/23 21:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 21:31	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 21:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 21:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:31	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 21:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:31	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 21:31	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 21:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 21:31	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 21:31	79-00-5	
Trichloroethene	0.71J	ug/L	1.0	0.32	1		04/28/23 21:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 21:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 21:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 21:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 21:31	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		04/28/23 21:31	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/28/23 21:31	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 21:31	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<23.9	mg/L	79.7	23.9	20		05/01/23 14:09		1q,D3
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2111**      **Lab ID: 40261402073**      Collected: 04/26/23 13:40      Received: 04/27/23 09:15      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>91.4</b>	mg/L	20.0	4.3	10		05/04/23 20:05	16887-00-6	
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		05/04/23 20:05	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>3690</b>	mg/L	250	74.4	10		05/02/23 11:50		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>7610</b>	mg/L	1000	295	1	05/05/23 02:40	05/05/23 05:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>2820</b>	mg/L	500	138	1000		04/28/23 16:03	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2101**      **Lab ID: 40261402074**      Collected: 04/26/23 11:50      Received: 04/27/23 09:15      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	84.3	ug/L	5.6	0.39	1		05/02/23 13:24	74-84-0	
Ethene	173	ug/L	5.0	0.25	1		05/02/23 13:24	74-85-1	
Methane	17900	ug/L	280	57.6	100		05/02/23 16:38	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	11.3	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 15:34	7439-89-6	
Manganese	0.011	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/02/23 15:34	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.047	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 20:10	7440-39-3	
Chromium, Dissolved	0.0015J	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 20:10	7440-47-3	
Iron, Dissolved	12.7	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 20:10	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 20:10	7439-92-1	
Manganese, Dissolved	0.013	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 20:10	7439-96-5	CR
Nickel, Dissolved	0.00042J	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 20:10	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	0.73J	ug/L	1.0	0.30	1		05/01/23 18:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 18:42	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		05/01/23 18:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 18:42	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		05/01/23 18:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		05/01/23 18:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 18:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		05/01/23 18:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		05/01/23 18:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		05/01/23 18:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		05/01/23 18:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		05/01/23 18:42	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		05/01/23 18:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		05/01/23 18:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 18:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		05/01/23 18:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		05/01/23 18:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		05/01/23 18:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		05/01/23 18:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		05/01/23 18:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 18:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 18:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		05/01/23 18:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		05/01/23 18:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 18:42	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2101**      **Lab ID: 40261402074**      Collected: 04/26/23 11:50      Received: 04/27/23 09:15      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		05/01/23 18:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		05/01/23 18:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		05/01/23 18:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		05/01/23 18:42	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		05/01/23 18:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		05/01/23 18:42	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		05/01/23 18:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		05/01/23 18:42	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		05/01/23 18:42	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		05/01/23 18:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 18:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		05/01/23 18:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		05/01/23 18:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		05/01/23 18:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		05/01/23 18:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		05/01/23 18:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		05/01/23 18:42	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		05/01/23 18:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		05/01/23 18:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		05/01/23 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		05/01/23 18:42	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		05/01/23 18:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		05/01/23 18:42	127-18-4	
Toluene	0.56J	ug/L	1.0	0.29	1		05/01/23 18:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		05/01/23 18:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		05/01/23 18:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		05/01/23 18:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		05/01/23 18:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		05/01/23 18:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		05/01/23 18:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		05/01/23 18:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		05/01/23 18:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		05/01/23 18:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		05/01/23 18:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		05/01/23 18:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		05/01/23 18:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		05/01/23 18:42	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		05/01/23 18:42	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		05/01/23 14:12		1q

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2101**      **Lab ID: 40261402074**      Collected: 04/26/23 11:50      Received: 04/27/23 09:15      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>76.5</b>	mg/L	20.0	4.3	10		05/04/23 20:19	16887-00-6	
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		05/04/23 20:19	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>470</b>	mg/L	125	37.2	5		05/02/23 11:51		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>659</b>	mg/L	100	29.5	1	05/05/23 02:40	05/05/23 05:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>234</b>	mg/L	50.0	13.8	100		04/28/23 16:17	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2101**      **Lab ID: 40261402075**      Collected: 04/26/23 12:30      Received: 04/27/23 09:15      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	5210	ug/L	280	19.6	50		05/02/23 16:45	74-84-0	pH
Ethene	6530	ug/L	625	31.5	125		05/02/23 17:13	74-85-1	pH
Methane	2860	ug/L	140	28.8	50		05/02/23 16:45	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	471	mg/L	1.2	0.29	5	05/01/23 05:23	05/02/23 15:56	7439-89-6	
Manganese	1.3	mg/L	0.020	0.0061	5	05/01/23 05:23	05/02/23 15:56	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	1.6	mg/L	0.012	0.0035	5	05/01/23 05:23	05/04/23 20:17	7440-39-3	
Calcium, Dissolved	1180	mg/L	1.3	0.38	5	05/01/23 05:23	05/04/23 20:17	7440-70-2	
Chromium, Dissolved	<0.0051	mg/L	0.017	0.0051	5	05/01/23 05:23	05/04/23 20:17	7440-47-3	D3
Iron, Dissolved	485	mg/L	1.2	0.29	5	05/01/23 05:23	05/04/23 20:17	7439-89-6	D9
Lead, Dissolved	<0.0012	mg/L	0.0050	0.0012	5	05/01/23 05:23	05/04/23 20:17	7439-92-1	D3
Magnesium, Dissolved	205	mg/L	1.2	0.16	5	05/01/23 05:23	05/04/23 20:17	7439-95-4	
Manganese, Dissolved	1.3	mg/L	0.020	0.0061	5	05/01/23 05:23	05/04/23 20:17	7439-96-5	
Nickel, Dissolved	<0.0014	mg/L	0.0050	0.0014	5	05/01/23 05:23	05/04/23 20:17	7440-02-0	D3
Potassium, Dissolved	7.3	mg/L	3.9	1.2	5	05/01/23 05:23	05/04/23 20:17	7440-09-7	
Sodium, Dissolved	577	mg/L	1.2	0.21	5	05/01/23 05:23	05/04/23 20:17	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<295	ug/L	1000	295	1000		04/29/23 00:08	71-43-2	
Bromobenzene	<361	ug/L	1000	361	1000		04/29/23 00:08	108-86-1	
Bromochloromethane	<358	ug/L	1000	358	1000		04/29/23 00:08	74-97-5	
Bromodichloromethane	<415	ug/L	1000	415	1000		04/29/23 00:08	75-27-4	
Bromoform	<429	ug/L	1000	429	1000		04/29/23 00:08	75-25-2	
Bromomethane	<1190	ug/L	5000	1190	1000		04/29/23 00:08	74-83-9	
n-Butylbenzene	<857	ug/L	1000	857	1000		04/29/23 00:08	104-51-8	
sec-Butylbenzene	<424	ug/L	1000	424	1000		04/29/23 00:08	135-98-8	
tert-Butylbenzene	<586	ug/L	1000	586	1000		04/29/23 00:08	98-06-6	
Carbon tetrachloride	<369	ug/L	1000	369	1000		04/29/23 00:08	56-23-5	
Chlorobenzene	<855	ug/L	1000	855	1000		04/29/23 00:08	108-90-7	
Chloroethane	<1380	ug/L	5000	1380	1000		04/29/23 00:08	75-00-3	
Chloroform	<504	ug/L	5000	504	1000		04/29/23 00:08	67-66-3	
Chloromethane	<1640	ug/L	5000	1640	1000		04/29/23 00:08	74-87-3	
2-Chlorotoluene	<890	ug/L	5000	890	1000		04/29/23 00:08	95-49-8	
4-Chlorotoluene	<894	ug/L	5000	894	1000		04/29/23 00:08	106-43-4	
1,2-Dibromo-3-chloropropane	<2370	ug/L	5000	2370	1000		04/29/23 00:08	96-12-8	
Dibromochloromethane	<2640	ug/L	5000	2640	1000		04/29/23 00:08	124-48-1	
1,2-Dibromoethane (EDB)	<309	ug/L	1000	309	1000		04/29/23 00:08	106-93-4	
Dibromomethane	<991	ug/L	5000	991	1000		04/29/23 00:08	74-95-3	
1,2-Dichlorobenzene	<326	ug/L	1000	326	1000		04/29/23 00:08	95-50-1	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2101**      **Lab ID: 40261402075**      Collected: 04/26/23 12:30      Received: 04/27/23 09:15      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	<351	ug/L	1000	351	1000		04/29/23 00:08	541-73-1	
1,4-Dichlorobenzene	<892	ug/L	1000	892	1000		04/29/23 00:08	106-46-7	
Dichlorodifluoromethane	<455	ug/L	5000	455	1000		04/29/23 00:08	75-71-8	
1,1-Dichloroethane	<296	ug/L	1000	296	1000		04/29/23 00:08	75-34-3	
1,2-Dichloroethane	<292	ug/L	1000	292	1000		04/29/23 00:08	107-06-2	
1,1-Dichloroethene	<582	ug/L	1000	582	1000		04/29/23 00:08	75-35-4	
cis-1,2-Dichloroethene	31300	ug/L	1000	472	1000		04/29/23 00:08	156-59-2	
trans-1,2-Dichloroethene	<528	ug/L	1000	528	1000		04/29/23 00:08	156-60-5	
1,2-Dichloropropane	<448	ug/L	1000	448	1000		04/29/23 00:08	78-87-5	
1,3-Dichloropropane	<305	ug/L	1000	305	1000		04/29/23 00:08	142-28-9	
2,2-Dichloropropane	<419	ug/L	1000	419	1000		04/29/23 00:08	594-20-7	
1,1-Dichloropropene	<410	ug/L	1000	410	1000		04/29/23 00:08	563-58-6	
cis-1,3-Dichloropropene	<237	ug/L	1000	237	1000		04/29/23 00:08	10061-01-5	
trans-1,3-Dichloropropene	<265	ug/L	1000	265	1000		04/29/23 00:08	10061-02-6	
Diisopropyl ether	<1100	ug/L	5000	1100	1000		04/29/23 00:08	108-20-3	
Ethylbenzene	<325	ug/L	1000	325	1000		04/29/23 00:08	100-41-4	
Hexachloro-1,3-butadiene	<2740	ug/L	5000	2740	1000		04/29/23 00:08	87-68-3	
Isopropylbenzene (Cumene)	<1000	ug/L	5000	1000	1000		04/29/23 00:08	98-82-8	
p-Isopropyltoluene	<1040	ug/L	5000	1040	1000		04/29/23 00:08	99-87-6	
Methylene Chloride	<319	ug/L	5000	319	1000		04/29/23 00:08	75-09-2	
Methyl-tert-butyl ether	<1130	ug/L	5000	1130	1000		04/29/23 00:08	1634-04-4	
Naphthalene	<1920	ug/L	5000	1920	1000		04/29/23 00:08	91-20-3	
n-Propylbenzene	<345	ug/L	1000	345	1000		04/29/23 00:08	103-65-1	
Styrene	<356	ug/L	1000	356	1000		04/29/23 00:08	100-42-5	
1,1,1,2-Tetrachloroethane	<355	ug/L	1000	355	1000		04/29/23 00:08	630-20-6	
1,1,2,2-Tetrachloroethane	<378	ug/L	1000	378	1000		04/29/23 00:08	79-34-5	
Tetrachloroethene	<409	ug/L	1000	409	1000		04/29/23 00:08	127-18-4	
Toluene	<288	ug/L	1000	288	1000		04/29/23 00:08	108-88-3	
1,2,3-Trichlorobenzene	<1020	ug/L	5000	1020	1000		04/29/23 00:08	87-61-6	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		04/29/23 00:08	120-82-1	
1,1,1-Trichloroethane	<303	ug/L	1000	303	1000		04/29/23 00:08	71-55-6	
1,1,2-Trichloroethane	<344	ug/L	1000	344	1000		04/29/23 00:08	79-00-5	
Trichloroethene	57400	ug/L	1000	320	1000		04/29/23 00:08	79-01-6	
Trichlorofluoromethane	<419	ug/L	1000	419	1000		04/29/23 00:08	75-69-4	
1,2,3-Trichloropropane	<555	ug/L	1000	555	1000		04/29/23 00:08	96-18-4	
1,2,4-Trimethylbenzene	<449	ug/L	1000	449	1000		04/29/23 00:08	95-63-6	
1,3,5-Trimethylbenzene	<357	ug/L	1000	357	1000		04/29/23 00:08	108-67-8	
Vinyl chloride	22300	ug/L	1000	174	1000		04/29/23 00:08	75-01-4	
Xylene (Total)	<1050	ug/L	3000	1050	1000		04/29/23 00:08	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1000		04/29/23 00:08	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1000		04/29/23 00:08	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1000		04/29/23 00:08	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2101**      **Lab ID: 40261402075**      Collected: 04/26/23 12:30      Received: 04/27/23 09:15      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>48.0J</b>	mg/L	159	47.8	40		05/01/23 14:15		1q,D3
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>882</b>	mg/L	40.0	8.6	20		05/04/23 20:34	16887-00-6	
Sulfate	<b>18.9J</b>	mg/L	40.0	8.9	20		05/04/23 20:34	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>4550</b>	mg/L	250	74.4	10		05/02/23 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>9390</b>	mg/L	1000	295	1	05/05/23 02:40	05/05/23 05:52		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1640</b>	mg/L	75.0	20.8	150		04/28/23 16:32	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2114**      **Lab ID: 40261402076**      Collected: 04/26/23 09:35      Received: 04/27/23 09:15      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	20.1	ug/L	5.6	0.39	1		05/02/23 13:38	74-84-0	
Ethene	8.9	ug/L	5.0	0.25	1		05/02/23 13:38	74-85-1	
Methane	8670	ug/L	140	28.8	50		05/02/23 16:52	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4.2	mg/L	0.25	0.058	1	05/01/23 05:23	05/02/23 16:03	7439-89-6	
Manganese	0.30	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/02/23 16:03	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.11	mg/L	0.0023	0.00070	1	05/01/23 05:23	05/04/23 20:25	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 20:25	7440-47-3	
Iron, Dissolved	3.6	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 20:25	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 20:25	7439-92-1	
Manganese, Dissolved	0.31	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 20:25	7439-96-5	D9
Nickel, Dissolved	0.014	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 20:25	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		04/28/23 21:50	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:50	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:50	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:50	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 21:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 21:50	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:50	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 21:50	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 21:50	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 21:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 21:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 21:50	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 21:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 21:50	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:50	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 21:50	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 21:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 21:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 21:50	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 21:50	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:50	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:50	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 21:50	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 21:50	75-71-8	
1,1-Dichloroethane	0.53J	ug/L	1.0	0.30	1		04/28/23 21:50	75-34-3	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: MW-2114**      **Lab ID: 40261402076**      Collected: 04/26/23 09:35      Received: 04/27/23 09:15      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		04/28/23 21:50	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		04/28/23 21:50	75-35-4	
cis-1,2-Dichloroethene	5.7	ug/L	1.0	0.47	1		04/28/23 21:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 21:50	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 21:50	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:50	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:50	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:50	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 21:50	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 21:50	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:50	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 21:50	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 21:50	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 21:50	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:50	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 21:50	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 21:50	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 21:50	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 21:50	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 21:50	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 21:50	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 21:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 21:50	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 21:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 21:50	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 21:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 21:50	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 21:50	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 21:50	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 21:50	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 21:50	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 21:50	108-67-8	
Vinyl chloride	7.5	ug/L	1.0	0.17	1		04/28/23 21:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 21:50	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		04/28/23 21:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		04/28/23 21:50	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 21:50	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		05/01/23 14:18		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: MW-2114**      **Lab ID: 40261402076**      Collected: 04/26/23 09:35      Received: 04/27/23 09:15      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>92.1</b>	mg/L	20.0	4.3	10		05/04/23 20:49	16887-00-6	
Sulfate	<b>268</b>	mg/L	20.0	4.4	10		05/04/23 20:49	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>609</b>	mg/L	50.0	14.9	2		05/02/23 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	<b>192</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:52		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>43.8</b>	mg/L	15.0	4.2	30		04/28/23 16:47	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2114**      **Lab ID: 40261402077**      Collected: 04/26/23 10:00      Received: 04/27/23 09:15      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		05/02/23 14:50	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		05/02/23 14:50	74-85-1	
Methane	<0.58	ug/L	2.8	0.58	1		05/02/23 14:50	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	05/01/23 05:23	05/02/23 16:11	7439-89-6	
Manganese	0.0070	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/02/23 16:11	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	05/01/23 05:23	05/04/23 20:32	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	05/01/23 05:23	05/04/23 20:32	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	05/01/23 05:23	05/04/23 20:32	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	05/01/23 05:23	05/04/23 20:32	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	05/01/23 05:23	05/04/23 20:32	7439-96-5	
Nickel, Dissolved	0.0039	mg/L	0.0010	0.00028	1	05/01/23 05:23	05/04/23 20:32	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		04/28/23 19:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:53	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:53	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:53	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:53	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:53	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: PZ-2114**      **Lab ID: 40261402077**      Collected: 04/26/23 10:00      Received: 04/27/23 09:15      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		04/28/23 19:53	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:53	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:53	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:53	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:53	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:53	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:53	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:53	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:53	100-42-5	M1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:53	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:53	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:53	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:53	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:53	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:53	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:53	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:53	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		04/28/23 19:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/28/23 19:53	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 19:53	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		05/01/23 14:20		1q
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: PZ-2114**      **Lab ID: 40261402077**      Collected: 04/26/23 10:00      Received: 04/27/23 09:15      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>132</b>	mg/L	20.0	4.3	10		05/04/23 21:04	16887-00-6	
Sulfate	<b>201</b>	mg/L	20.0	4.4	10		05/04/23 21:04	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>242</b>	mg/L	50.0	14.9	2		05/02/23 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	<b>&lt;14.7</b>	mg/L	50.0	14.7	1	05/05/23 02:40	05/05/23 05:52		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3.6</b>	mg/L	0.50	0.14	1		04/28/23 17:03	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: TB-02**      **Lab ID: 40261402078**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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		04/28/23 19:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:13	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:13	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:13	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:13	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:13	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:13	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:13	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:13	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:13	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40261402

**Sample: TB-02**      **Lab ID: 40261402078**      Collected: 04/26/23 12:00      Received: 04/27/23 09:15      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		04/28/23 19:13	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:13	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		04/28/23 19:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		04/28/23 19:13	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		04/28/23 19:13	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: TB-03**      **Lab ID: 40261402079**      Collected: 04/26/23 14:00      Received: 04/27/23 09:15      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		04/28/23 19:33	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:33	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		04/28/23 19:33	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:33	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		04/28/23 19:33	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/28/23 19:33	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:33	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/28/23 19:33	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/28/23 19:33	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/28/23 19:33	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/28/23 19:33	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/28/23 19:33	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		04/28/23 19:33	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/28/23 19:33	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:33	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/28/23 19:33	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/28/23 19:33	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/28/23 19:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/28/23 19:33	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/28/23 19:33	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:33	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:33	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/28/23 19:33	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/28/23 19:33	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:33	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/28/23 19:33	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/28/23 19:33	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/28/23 19:33	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/28/23 19:33	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/28/23 19:33	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:33	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:33	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:33	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		04/28/23 19:33	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		04/28/23 19:33	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:33	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/28/23 19:33	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/28/23 19:33	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/28/23 19:33	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:33	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/28/23 19:33	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/28/23 19:33	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		04/28/23 19:33	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/28/23 19:33	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:33	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40261402

**Sample: TB-03**      **Lab ID: 40261402079**      Collected: 04/26/23 14:00      Received: 04/27/23 09:15      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		04/28/23 19:33	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/28/23 19:33	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/28/23 19:33	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/28/23 19:33	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/28/23 19:33	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/28/23 19:33	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/28/23 19:33	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		04/28/23 19:33	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/28/23 19:33	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/28/23 19:33	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		04/28/23 19:33	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/28/23 19:33	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/28/23 19:33	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/28/23 19:33	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		04/28/23 19:33	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/28/23 19:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		04/28/23 19:33	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		04/28/23 19:33	2037-26-5	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443663	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: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054

METHOD BLANK: 2547634 Matrix: Water  
Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	05/01/23 09:56	
Ethene	ug/L	<0.25	5.0	05/01/23 09:56	
Methane	ug/L	<0.58	2.8	05/01/23 09:56	

LABORATORY CONTROL SAMPLE & LCSD: 2547635 2547636

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	46.4	51.3	87	96	80-120	10	20	
Ethene	ug/L	50	43.0	47.6	86	95	80-120	10	20	
Methane	ug/L	28.6	24.1	27.0	85	95	80-120	11	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547818 2547819

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40261149020 Result	Spike Conc.	Spike Conc.	MS Result						
Ethane	ug/L	7.2	268	268	250	260	90	95	77-120	4	20
Ethene	ug/L	7.8	250	250	232	242	90	94	76-120	4	20
Methane	ug/L	995	143	143	1450	1710	319	499	12-198	16	26 E,M1

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**QUALITY CONTROL DATA**

Project: 60682984 KEP

Pace Project No.: 40261402

QC Batch:	443796	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:	40261402059, 40261402060, 40261402061, 40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077		

METHOD BLANK:	2548028	Matrix:	Water
Associated Lab Samples:	40261402059, 40261402060, 40261402061, 40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	05/02/23 09:00	
Ethene	ug/L	<0.25	5.0	05/02/23 09:00	
Methane	ug/L	<0.58	2.8	05/02/23 09:00	

Parameter	Units	2548029		2548030		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCS % Rec						
Ethane	ug/L	53.6	47.8	51.1	89	95	80-120	7	20		
Ethene	ug/L	50	44.6	47.2	89	94	80-120	6	20		
Methane	ug/L	28.6	25.1	27.2	88	95	80-120	8	20		

Parameter	Units	2548345		2548346		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Ethane	ug/L	<0.39	53.6	53.6	48.7	49.6	91	93	77-120	2	20
Ethene	ug/L	<0.25	50	50	45.1	45.8	90	92	76-120	2	20
Methane	ug/L	2.8	28.6	28.6	29.8	30.0	94	95	12-198	1	26

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

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443506	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

METHOD BLANK: 2546533 Matrix: Water

Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	04/28/23 18:24	
Manganese	mg/L	<0.0012	0.0040	04/28/23 18:24	

LABORATORY CONTROL SAMPLE: 2546534

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	0.25	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546535 2546536

Parameter	Units	40261402003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.45	10	10	10.5	10.9	101	104	75-125	3	20	
Manganese	mg/L	0.0018J	0.25	0.25	0.25	0.25	99	101	75-125	1	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443510	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

METHOD BLANK: 2546543 Matrix: Water  
Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	05/02/23 05:18	
Manganese	mg/L	<0.0012	0.0040	05/02/23 05:18	

LABORATORY CONTROL SAMPLE: 2546544

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	9.7	97	80-120	
Manganese	mg/L	0.25	0.24	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546545 2546546

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40261402064 Result	Spike Conc.	Spike Conc.	Result								
Iron	mg/L	38.7	10	10	48.3	49.5	96	108	75-125	2	20		
Manganese	mg/L	0.086	0.25	0.25	0.31	0.33	91	99	75-125	6	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443505	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

METHOD BLANK: 2546529 Matrix: Water  
Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	04/28/23 15:28	
Calcium, Dissolved	mg/L	<0.076	0.25	04/28/23 15:28	
Chromium, Dissolved	mg/L	<0.0010	0.0034	04/28/23 15:28	
Iron, Dissolved	mg/L	<0.058	0.25	04/28/23 15:28	
Lead, Dissolved	mg/L	<0.00024	0.0010	04/28/23 15:28	
Magnesium, Dissolved	mg/L	<0.031	0.25	04/28/23 15:28	
Manganese, Dissolved	mg/L	<0.0012	0.0040	04/28/23 15:28	
Nickel, Dissolved	mg/L	<0.00028	0.0010	04/28/23 15:28	
Potassium, Dissolved	mg/L	<0.24	0.79	04/28/23 15:28	
Sodium, Dissolved	mg/L	<0.042	0.25	04/28/23 15:28	

LABORATORY CONTROL SAMPLE: 2546530

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	98	80-120	
Calcium, Dissolved	mg/L	10	9.7	97	80-120	
Chromium, Dissolved	mg/L	0.25	0.24	96	80-120	
Iron, Dissolved	mg/L	10	9.9	99	80-120	
Lead, Dissolved	mg/L	0.25	0.23	90	80-120	
Magnesium, Dissolved	mg/L	10	9.8	98	80-120	
Manganese, Dissolved	mg/L	0.25	0.24	96	80-120	
Nickel, Dissolved	mg/L	0.25	0.24	97	80-120	
Potassium, Dissolved	mg/L	10	10.1	101	80-120	
Sodium, Dissolved	mg/L	10	9.5	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546531 2546532

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40261402003 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Barium, Dissolved	mg/L	0.014	0.25	0.25	0.26	0.26	97	97	75-125	0	20	
Calcium, Dissolved	mg/L	6.2	10	10	16.1	15.0	99	89	75-125	7	20	
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.25	0.24	98	97	75-125	2	20	
Iron, Dissolved	mg/L	<0.058	10	10	10.1	9.8	100	98	75-125	2	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.24	0.23	94	92	75-125	3	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546531		2546532		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40261402003 Result	MS Spike Conc.	MSD Spike Conc.									
Magnesium, Dissolved	mg/L	0.53	10	10	10.4	10.1	99	96	75-125	3	20		
Manganese, Dissolved	mg/L	<0.0012	0.25	0.25	0.24	0.24	95	95	75-125	0	20		
Nickel, Dissolved	mg/L	<0.00028	0.25	0.25	0.24	0.24	98	95	75-125	3	20		
Potassium, Dissolved	mg/L	1.7	10	10	11.6	12.0	99	103	75-125	3	20		
Sodium, Dissolved	mg/L	68.8	10	10	79.8	78.1	111	93	75-125	2	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443508	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

METHOD BLANK: 2546537 Matrix: Water  
Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	05/04/23 17:58	
Calcium, Dissolved	mg/L	<0.076	0.25	05/04/23 17:58	
Chromium, Dissolved	mg/L	<0.0010	0.0034	05/04/23 17:58	
Iron, Dissolved	mg/L	<0.058	0.25	05/04/23 17:58	
Lead, Dissolved	mg/L	<0.00024	0.0010	05/04/23 17:58	
Magnesium, Dissolved	mg/L	<0.031	0.25	05/04/23 17:58	
Manganese, Dissolved	mg/L	<0.0012	0.0040	05/04/23 17:58	
Nickel, Dissolved	mg/L	<0.00028	0.0010	05/04/23 17:58	
Potassium, Dissolved	mg/L	<0.24	0.79	05/04/23 17:58	
Sodium, Dissolved	mg/L	<0.042	0.25	05/04/23 17:58	

LABORATORY CONTROL SAMPLE: 2546538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	102	80-120	
Calcium, Dissolved	mg/L	10	10.6	106	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	100	80-120	
Iron, Dissolved	mg/L	10	10.1	101	80-120	
Lead, Dissolved	mg/L	0.25	0.25	101	80-120	
Magnesium, Dissolved	mg/L	10	10.6	106	80-120	
Manganese, Dissolved	mg/L	0.25	0.26	102	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	100	80-120	
Potassium, Dissolved	mg/L	10	10.3	103	80-120	
Sodium, Dissolved	mg/L	10	10.2	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546539 2546540

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40261402064 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Barium, Dissolved	mg/L	0.013	0.25	0.25	0.27	0.26	102	98	75-125	4	20	
Calcium, Dissolved	mg/L	227	10	10	239	251	118	240	75-125	5	20	P6
Chromium, Dissolved	mg/L	0.0013J	0.25	0.25	0.25	0.24	100	96	75-125	3	20	
Iron, Dissolved	mg/L	32.3	10	10	43.3	43.6	110	113	75-125	1	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.25	103	99	75-125	4	20	
Magnesium, Dissolved	mg/L	95.1	10	10	107	110	123	154	75-125	3	20	P6
Manganese, Dissolved	mg/L	0.060	0.25	0.25	0.32	0.32	105	102	75-125	2	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

Parameter	Units	40261402064		2546539		2546540		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Nickel, Dissolved	mg/L	0.00095J	0.25	0.25	0.24	0.24	97	94	75-125	4	20			
Potassium, Dissolved	mg/L	4.9	10	10	15.3	14.9	104	100	75-125	2	20			
Sodium, Dissolved	mg/L	62.1	10	10	70.6	73.6	84	114	75-125	4	20			

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

QC Batch: 443509

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402001, 40261402002, 40261402003, 40261402004, 40261402005, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402011, 40261402012, 40261402013, 40261402014, 40261402015, 40261402016, 40261402017, 40261402018, 40261402019, 40261402020

METHOD BLANK: 2546541

Matrix: Water

Associated Lab Samples: 40261402001, 40261402002, 40261402003, 40261402004, 40261402005, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402011, 40261402012, 40261402013, 40261402014, 40261402015, 40261402016, 40261402017, 40261402018, 40261402019, 40261402020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/28/23 16:59	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/28/23 16:59	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/28/23 16:59	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	04/28/23 16:59	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/28/23 16:59	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/28/23 16:59	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/28/23 16:59	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/28/23 16:59	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	04/28/23 16:59	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/28/23 16:59	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/28/23 16:59	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/28/23 16:59	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/28/23 16:59	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/28/23 16:59	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/28/23 16:59	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/28/23 16:59	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/28/23 16:59	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/28/23 16:59	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/28/23 16:59	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/28/23 16:59	
2,2-Dichloropropane	ug/L	<0.42	1.0	04/28/23 16:59	
2-Chlorotoluene	ug/L	<0.89	5.0	04/28/23 16:59	
4-Chlorotoluene	ug/L	<0.89	5.0	04/28/23 16:59	
Benzene	ug/L	<0.30	1.0	04/28/23 16:59	
Bromobenzene	ug/L	<0.36	1.0	04/28/23 16:59	
Bromochloromethane	ug/L	<0.36	1.0	04/28/23 16:59	
Bromodichloromethane	ug/L	<0.42	1.0	04/28/23 16:59	
Bromoform	ug/L	<0.43	1.0	04/28/23 16:59	
Bromomethane	ug/L	<1.2	5.0	04/28/23 16:59	
Carbon tetrachloride	ug/L	<0.37	1.0	04/28/23 16:59	
Chlorobenzene	ug/L	<0.86	1.0	04/28/23 16:59	
Chloroethane	ug/L	<1.4	5.0	04/28/23 16:59	
Chloroform	ug/L	<0.50	5.0	04/28/23 16:59	
Chloromethane	ug/L	<1.6	5.0	04/28/23 16:59	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/28/23 16:59	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	04/28/23 16:59	
Dibromochloromethane	ug/L	<2.6	5.0	04/28/23 16:59	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

METHOD BLANK: 2546541 Matrix: Water  
Associated Lab Samples: 40261402001, 40261402002, 40261402003, 40261402004, 40261402005, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402011, 40261402012, 40261402013, 40261402014, 40261402015, 40261402016, 40261402017, 40261402018, 40261402019, 40261402020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	04/28/23 16:59	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/28/23 16:59	
Diisopropyl ether	ug/L	<1.1	5.0	04/28/23 16:59	
Ethylbenzene	ug/L	<0.33	1.0	04/28/23 16:59	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/28/23 16:59	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/28/23 16:59	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/28/23 16:59	
Methylene Chloride	ug/L	<0.32	5.0	04/28/23 16:59	
n-Butylbenzene	ug/L	<0.86	1.0	04/28/23 16:59	
n-Propylbenzene	ug/L	<0.35	1.0	04/28/23 16:59	
Naphthalene	ug/L	<1.9	5.0	04/28/23 16:59	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/28/23 16:59	
sec-Butylbenzene	ug/L	<0.42	1.0	04/28/23 16:59	
Styrene	ug/L	<0.36	1.0	04/28/23 16:59	
tert-Butylbenzene	ug/L	<0.59	1.0	04/28/23 16:59	
Tetrachloroethene	ug/L	<0.41	1.0	04/28/23 16:59	
Toluene	ug/L	<0.29	1.0	04/28/23 16:59	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/28/23 16:59	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/28/23 16:59	
Trichloroethene	ug/L	<0.32	1.0	04/28/23 16:59	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/28/23 16:59	
Vinyl chloride	ug/L	<0.17	1.0	04/28/23 16:59	
Xylene (Total)	ug/L	<1.0	3.0	04/28/23 16:59	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	04/28/23 16:59	
4-Bromofluorobenzene (S)	%	102	70-130	04/28/23 16:59	
Toluene-d8 (S)	%	102	70-130	04/28/23 16:59	

LABORATORY CONTROL SAMPLE: 2546542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.8	100	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	69-130	
1,1,2-Trichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethene	ug/L	50	53.5	107	74-131	
1,2,4-Trichlorobenzene	ug/L	50	41.5	83	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.9	84	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	70-130	
1,2-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dichloroethane	ug/L	50	51.9	104	70-137	
1,2-Dichloropropane	ug/L	50	52.2	104	80-121	
1,3-Dichlorobenzene	ug/L	50	52.2	104	70-130	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

LABORATORY CONTROL SAMPLE: 2546542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
Benzene	ug/L	50	51.6	103	70-130	
Bromodichloromethane	ug/L	50	50.6	101	70-130	
Bromoform	ug/L	50	45.4	91	70-130	
Bromomethane	ug/L	50	37.1	74	21-147	
Carbon tetrachloride	ug/L	50	49.2	98	80-146	
Chlorobenzene	ug/L	50	53.0	106	70-130	
Chloroethane	ug/L	50	49.5	99	52-165	
Chloroform	ug/L	50	54.7	109	80-123	
Chloromethane	ug/L	50	29.9	60	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.7	95	70-130	
Dibromochloromethane	ug/L	50	45.3	91	70-130	
Dichlorodifluoromethane	ug/L	50	18.0	36	25-121	
Ethylbenzene	ug/L	50	54.2	108	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-130	
Methyl-tert-butyl ether	ug/L	50	43.8	88	70-130	
Methylene Chloride	ug/L	50	56.0	112	70-130	
Styrene	ug/L	50	63.6	127	70-130	
Tetrachloroethene	ug/L	50	52.0	104	70-130	
Toluene	ug/L	50	52.9	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	53.6	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.8	90	70-130	
Trichloroethene	ug/L	50	52.2	104	70-130	
Trichlorofluoromethane	ug/L	50	50.7	101	65-160	
Vinyl chloride	ug/L	50	41.0	82	63-134	
Xylene (Total)	ug/L	150	161	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546848 2546849

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40261402013	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.8	50.3	102	101	70-134	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	53.7	54.3	107	109	61-135	1	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.4	53.7	107	107	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.0	51.6	104	103	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	53.7	53.3	107	107	71-130	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.5	46.4	91	93	68-131	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	46.9	48.0	94	96	51-141	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	52.2	53.3	104	107	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	52.1	53.1	104	106	70-130	2	20		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546848												2546849	
Parameter	Units	40261402013		MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual	
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD		RPD
1,2-Dichloroethane	ug/L	<0.29	50	50	52.8	51.8	106	104	70-137	2	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	52.4	52.1	105	104	80-121	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.6	53.6	105	107	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.7	52.3	101	105	70-130	3	20		
Benzene	ug/L	<0.30	50	50	52.3	51.7	105	103	70-130	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	51.9	50.6	104	101	70-130	2	20		
Bromoform	ug/L	<0.43	50	50	48.0	48.9	96	98	70-133	2	20		
Bromomethane	ug/L	<1.2	50	50	41.1	40.5	82	81	21-149	1	22		
Carbon tetrachloride	ug/L	<0.37	50	50	50.1	50.0	100	100	80-146	0	20		
Chlorobenzene	ug/L	<0.86	50	50	54.2	54.4	108	109	70-130	0	20		
Chloroethane	ug/L	<1.4	50	50	48.3	47.7	97	95	52-165	1	20		
Chloroform	ug/L	<0.50	50	50	55.3	55.0	111	110	80-123	1	20		
Chloromethane	ug/L	<1.6	50	50	27.6	25.8	55	52	42-125	7	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.1	51.2	102	102	70-130	0	20		
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	48.8	49.3	98	99	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	47.4	48.2	95	96	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	15.1	13.5	30	27	25-121	11	20		
Ethylbenzene	ug/L	<0.33	50	50	54.1	54.2	108	108	80-121	0	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.0	52.1	104	104	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	45.2	45.2	90	90	70-130	0	20		
Methylene Chloride	ug/L	<0.32	50	50	57.2	56.2	114	112	70-130	2	20		
Styrene	ug/L	<0.36	50	50	65.1	65.0	130	130	70-132	0	20		
Tetrachloroethene	ug/L	<0.41	50	50	52.8	53.9	106	108	70-130	2	20		
Toluene	ug/L	<0.29	50	50	53.2	54.1	106	108	80-120	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.2	53.4	106	107	70-130	1	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	46.0	47.8	92	96	70-130	4	20		
Trichloroethene	ug/L	<0.32	50	50	53.0	52.2	106	104	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	50.8	48.9	102	98	65-160	4	20		
Vinyl chloride	ug/L	<0.17	50	50	39.1	37.6	78	75	60-137	4	20		
Xylene (Total)	ug/L	<1.0	150	150	164	163	109	109	70-130	0	20		
1,2-Dichlorobenzene-d4 (S)	%						100	99	70-130				
4-Bromofluorobenzene (S)	%						103	104	70-130				
Toluene-d8 (S)	%						104	105	70-130				

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

METHOD BLANK: 2546547

Matrix: Water

Associated Lab Samples: 40261402021, 40261402022, 40261402023, 40261402024, 40261402025, 40261402026, 40261402027, 40261402028, 40261402029, 40261402030, 40261402031, 40261402032, 40261402033, 40261402034, 40261402035, 40261402036, 40261402037, 40261402038, 40261402039, 40261402040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	04/28/23 13:09	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/28/23 13:09	
Diisopropyl ether	ug/L	<1.1	5.0	04/28/23 13:09	
Ethylbenzene	ug/L	<0.33	1.0	04/28/23 13:09	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/28/23 13:09	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/28/23 13:09	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/28/23 13:09	
Methylene Chloride	ug/L	<0.32	5.0	04/28/23 13:09	
n-Butylbenzene	ug/L	<0.86	1.0	04/28/23 13:09	
n-Propylbenzene	ug/L	<0.35	1.0	04/28/23 13:09	
Naphthalene	ug/L	<1.9	5.0	04/28/23 13:09	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/28/23 13:09	
sec-Butylbenzene	ug/L	<0.42	1.0	04/28/23 13:09	
Styrene	ug/L	<0.36	1.0	04/28/23 13:09	
tert-Butylbenzene	ug/L	<0.59	1.0	04/28/23 13:09	
Tetrachloroethene	ug/L	<0.41	1.0	04/28/23 13:09	
Toluene	ug/L	<0.29	1.0	04/28/23 13:09	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/28/23 13:09	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/28/23 13:09	
Trichloroethene	ug/L	<0.32	1.0	04/28/23 13:09	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/28/23 13:09	
Vinyl chloride	ug/L	<0.17	1.0	04/28/23 13:09	
Xylene (Total)	ug/L	<1.0	3.0	04/28/23 13:09	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	04/28/23 13:09	
4-Bromofluorobenzene (S)	%	94	70-130	04/28/23 13:09	
Toluene-d8 (S)	%	98	70-130	04/28/23 13:09	

LABORATORY CONTROL SAMPLE: 2546548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.2	100	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	43.4	87	69-130	
1,1,2-Trichloroethane	ug/L	50	42.9	86	70-130	
1,1-Dichloroethane	ug/L	50	45.8	92	70-130	
1,1-Dichloroethene	ug/L	50	51.0	102	74-131	
1,2,4-Trichlorobenzene	ug/L	50	67.6	135	68-130	L1
1,2-Dibromo-3-chloropropane	ug/L	50	36.8	74	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	43.1	86	70-130	
1,2-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dichloroethane	ug/L	50	44.2	88	70-137	
1,2-Dichloropropane	ug/L	50	49.3	99	80-121	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

LABORATORY CONTROL SAMPLE: 2546548

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	
Benzene	ug/L	50	49.5	99	70-130	
Bromodichloromethane	ug/L	50	47.6	95	70-130	
Bromoform	ug/L	50	42.6	85	70-130	
Bromomethane	ug/L	50	44.2	88	21-147	
Carbon tetrachloride	ug/L	50	53.1	106	80-146	
Chlorobenzene	ug/L	50	50.8	102	70-130	
Chloroethane	ug/L	50	45.8	92	52-165	
Chloroform	ug/L	50	48.8	98	80-123	
Chloromethane	ug/L	50	35.6	71	51-122	
cis-1,2-Dichloroethene	ug/L	50	45.8	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Dibromochloromethane	ug/L	50	49.1	98	70-130	
Dichlorodifluoromethane	ug/L	50	21.7	43	25-121	
Ethylbenzene	ug/L	50	53.0	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	70-130	
Methyl-tert-butyl ether	ug/L	50	32.5	65	70-130 L2	
Methylene Chloride	ug/L	50	51.3	103	70-130	
Styrene	ug/L	50	59.8	120	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	48.6	97	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.2	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.1	88	70-130	
Trichloroethene	ug/L	50	49.9	100	70-130	
Trichlorofluoromethane	ug/L	50	47.9	96	65-160	
Vinyl chloride	ug/L	50	41.7	83	63-134	
Xylene (Total)	ug/L	150	156	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546846 2546847

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40261402021	Result	Spike Conc.	Spike Conc.							
1,1,1-Trichloroethane	ug/L	<0.30	50	50	49.5	47.8	99	96	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	36.9	41.6	74	83	61-135	12	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	42.5	42.2	85	84	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	45.5	44.1	91	88	70-130	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50.9	48.9	102	98	71-130	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	54.8	63.5	110	127	68-131	15	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	38.2	44.0	76	88	51-141	14	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	44.1	42.8	88	86	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.2	49.1	96	98	70-130	2	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

Parameter	Units	2546846		2546847		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40261402021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloroethane	ug/L	<0.29	50	50	43.8	43.1	88	86	70-137	2	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	48.2	46.7	96	93	80-121	3	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	44.4	51.5	89	103	70-130	15	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	48.0	48.6	96	97	70-130	1	20		
Benzene	ug/L	<0.30	50	50	49.3	47.5	99	95	70-130	4	20		
Bromodichloromethane	ug/L	<0.42	50	50	47.5	46.4	95	93	70-130	2	20		
Bromoform	ug/L	<0.43	50	50	43.8	43.5	88	87	70-133	1	20		
Bromomethane	ug/L	<1.2	50	50	44.1	42.8	88	86	21-149	3	22		
Carbon tetrachloride	ug/L	<0.37	50	50	52.8	52.1	106	104	80-146	1	20		
Chlorobenzene	ug/L	<0.86	50	50	49.9	49.3	100	99	70-130	1	20		
Chloroethane	ug/L	<1.4	50	50	44.2	41.9	88	84	52-165	5	20		
Chloroform	ug/L	<0.50	50	50	48.2	46.9	96	94	80-123	3	20		
Chloromethane	ug/L	<1.6	50	50	34.1	32.1	68	64	42-125	6	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	45.4	44.0	91	88	70-130	3	20		
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	46.2	45.6	92	91	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	49.2	48.2	98	96	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	20.2	18.8	40	38	25-121	7	20		
Ethylbenzene	ug/L	<0.33	50	50	52.2	50.8	104	102	80-121	3	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.6	52.6	105	105	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	32.6	32.3	65	65	70-130	1	20	MO	
Methylene Chloride	ug/L	<0.32	50	50	51.3	50.3	103	101	70-130	2	20		
Styrene	ug/L	<0.36	50	50	59.6	58.1	119	116	70-132	2	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.3	52.0	107	104	70-130	2	20		
Toluene	ug/L	<0.29	50	50	47.5	46.5	95	93	80-120	2	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	48.3	47.5	97	95	70-130	2	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	44.3	43.3	89	87	70-130	2	20		
Trichloroethene	ug/L	<0.32	50	50	49.4	48.0	99	96	70-130	3	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	47.0	40.2	94	80	65-160	16	20		
Vinyl chloride	ug/L	<0.17	50	50	40.5	38.5	81	77	60-137	5	20		
Xylene (Total)	ug/L	<1.0	150	150	156	153	104	102	70-130	2	20		
1,2-Dichlorobenzene-d4 (S)	%						98	101	70-130				
4-Bromofluorobenzene (S)	%						84	98	70-130				
Toluene-d8 (S)	%						100	99	70-130				

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443512	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402041, 40261402042, 40261402043, 40261402044, 40261402045, 40261402046, 40261402047, 40261402048, 40261402049, 40261402050, 40261402051, 40261402052, 40261402053, 40261402054, 40261402055, 40261402056, 40261402057, 40261402058, 40261402059, 40261402060

METHOD BLANK: 2546549 Matrix: Water

Associated Lab Samples: 40261402041, 40261402042, 40261402043, 40261402044, 40261402045, 40261402046, 40261402047, 40261402048, 40261402049, 40261402050, 40261402051, 40261402052, 40261402053, 40261402054, 40261402055, 40261402056, 40261402057, 40261402058, 40261402059, 40261402060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	05/01/23 07:51	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	05/01/23 07:51	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	05/01/23 07:51	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	05/01/23 07:51	
1,1-Dichloroethane	ug/L	<0.30	1.0	05/01/23 07:51	
1,1-Dichloroethene	ug/L	<0.58	1.0	05/01/23 07:51	
1,1-Dichloropropene	ug/L	<0.41	1.0	05/01/23 07:51	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	05/01/23 07:51	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	05/01/23 07:51	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	05/01/23 07:51	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	05/01/23 07:51	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	05/01/23 07:51	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	05/01/23 07:51	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	05/01/23 07:51	
1,2-Dichloroethane	ug/L	<0.29	1.0	05/01/23 07:51	
1,2-Dichloropropane	ug/L	<0.45	1.0	05/01/23 07:51	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	05/01/23 07:51	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	05/01/23 07:51	
1,3-Dichloropropane	ug/L	<0.30	1.0	05/01/23 07:51	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	05/01/23 07:51	
2,2-Dichloropropane	ug/L	<0.42	1.0	05/01/23 07:51	
2-Chlorotoluene	ug/L	<0.89	5.0	05/01/23 07:51	
4-Chlorotoluene	ug/L	<0.89	5.0	05/01/23 07:51	
Benzene	ug/L	<0.30	1.0	05/01/23 07:51	
Bromobenzene	ug/L	<0.36	1.0	05/01/23 07:51	
Bromochloromethane	ug/L	<0.36	1.0	05/01/23 07:51	
Bromodichloromethane	ug/L	<0.42	1.0	05/01/23 07:51	
Bromoform	ug/L	<0.43	1.0	05/01/23 07:51	
Bromomethane	ug/L	<1.2	5.0	05/01/23 07:51	
Carbon tetrachloride	ug/L	<0.37	1.0	05/01/23 07:51	
Chlorobenzene	ug/L	<0.86	1.0	05/01/23 07:51	
Chloroethane	ug/L	<1.4	5.0	05/01/23 07:51	
Chloroform	ug/L	<0.50	5.0	05/01/23 07:51	
Chloromethane	ug/L	<1.6	5.0	05/01/23 07:51	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	05/01/23 07:51	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	05/01/23 07:51	
Dibromochloromethane	ug/L	<2.6	5.0	05/01/23 07:51	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

METHOD BLANK: 2546549

Matrix: Water

Associated Lab Samples: 40261402041, 40261402042, 40261402043, 40261402044, 40261402045, 40261402046, 40261402047, 40261402048, 40261402049, 40261402050, 40261402051, 40261402052, 40261402053, 40261402054, 40261402055, 40261402056, 40261402057, 40261402058, 40261402059, 40261402060

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	05/01/23 07:51	
Dichlorodifluoromethane	ug/L	<0.46	5.0	05/01/23 07:51	
Diisopropyl ether	ug/L	<1.1	5.0	05/01/23 07:51	
Ethylbenzene	ug/L	<0.33	1.0	05/01/23 07:51	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	05/01/23 07:51	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	05/01/23 07:51	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	05/01/23 07:51	
Methylene Chloride	ug/L	<0.32	5.0	05/01/23 07:51	
n-Butylbenzene	ug/L	<0.86	1.0	05/01/23 07:51	
n-Propylbenzene	ug/L	<0.35	1.0	05/01/23 07:51	
Naphthalene	ug/L	<1.9	5.0	05/01/23 07:51	
p-Isopropyltoluene	ug/L	<1.0	5.0	05/01/23 07:51	
sec-Butylbenzene	ug/L	<0.42	1.0	05/01/23 07:51	
Styrene	ug/L	<0.36	1.0	05/01/23 07:51	
tert-Butylbenzene	ug/L	<0.59	1.0	05/01/23 07:51	
Tetrachloroethene	ug/L	<0.41	1.0	05/01/23 07:51	
Toluene	ug/L	<0.29	1.0	05/01/23 07:51	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	05/01/23 07:51	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	05/01/23 07:51	
Trichloroethene	ug/L	<0.32	1.0	05/01/23 07:51	
Trichlorofluoromethane	ug/L	<0.42	1.0	05/01/23 07:51	
Vinyl chloride	ug/L	<0.17	1.0	05/01/23 07:51	
Xylene (Total)	ug/L	<1.0	3.0	05/01/23 07:51	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	05/01/23 07:51	
4-Bromofluorobenzene (S)	%	107	70-130	05/01/23 07:51	
Toluene-d8 (S)	%	103	70-130	05/01/23 07:51	

LABORATORY CONTROL SAMPLE: 2546550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.6	105	70-130	
1,1,1-Trichloroethane	ug/L	50	54.7	109	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	55.6	111	69-130	
1,1,2-Trichloroethane	ug/L	50	54.5	109	70-130	
1,1-Dichloroethane	ug/L	50	55.3	111	70-130	
1,1-Dichloroethene	ug/L	50	55.7	111	74-131	
1,1-Dichloropropene	ug/L	50	59.6	119	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.5	93	67-130	
1,2,3-Trichloropropane	ug/L	50	52.1	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.4	91	68-130	
1,2,4-Trimethylbenzene	ug/L	50	50.4	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	64-137	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

LABORATORY CONTROL SAMPLE: 2546550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	50.9	102	70-130	
1,2-Dichlorobenzene	ug/L	50	47.7	95	70-130	
1,2-Dichloroethane	ug/L	50	56.2	112	70-137	
1,2-Dichloropropane	ug/L	50	56.9	114	80-121	
1,3,5-Trimethylbenzene	ug/L	50	50.1	100	70-130	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,3-Dichloropropane	ug/L	50	56.4	113	70-130	
1,4-Dichlorobenzene	ug/L	50	47.3	95	70-130	
2,2-Dichloropropane	ug/L	50	56.2	112	66-131	
2-Chlorotoluene	ug/L	50	51.0	102	70-130	
4-Chlorotoluene	ug/L	50	49.1	98	70-130	
Benzene	ug/L	50	56.3	113	70-130	
Bromobenzene	ug/L	50	45.7	91	70-130	
Bromochloromethane	ug/L	50	49.3	99	70-130	
Bromodichloromethane	ug/L	50	56.8	114	70-130	
Bromoform	ug/L	50	50.6	101	70-130	
Bromomethane	ug/L	50	55.7	111	21-147	
Carbon tetrachloride	ug/L	50	66.3	133	80-146	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	56.9	114	52-165	
Chloroform	ug/L	50	55.1	110	80-123	
Chloromethane	ug/L	50	53.3	107	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.7	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.0	114	70-130	
Dibromochloromethane	ug/L	50	53.2	106	70-130	
Dibromomethane	ug/L	50	54.3	109	70-130	
Dichlorodifluoromethane	ug/L	50	44.1	88	25-121	
Diisopropyl ether	ug/L	50	54.6	109	64-141	
Ethylbenzene	ug/L	50	54.6	109	80-120	
Hexachloro-1,3-butadiene	ug/L	50	48.3	97	57-131	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	70-130	
Methyl-tert-butyl ether	ug/L	50	55.3	111	70-130	
Methylene Chloride	ug/L	50	54.9	110	70-130	
n-Butylbenzene	ug/L	50	53.6	107	70-130	
n-Propylbenzene	ug/L	50	54.2	108	70-130	
Naphthalene	ug/L	50	49.1	98	70-130	
p-Isopropyltoluene	ug/L	50	51.3	103	70-130	
sec-Butylbenzene	ug/L	50	53.4	107	70-130	
Styrene	ug/L	50	59.6	119	70-130	
tert-Butylbenzene	ug/L	50	50.8	102	70-132	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	53.2	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.7	109	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.0	110	70-130	
Trichloroethene	ug/L	50	52.5	105	70-130	
Trichlorofluoromethane	ug/L	50	53.7	107	65-160	
Vinyl chloride	ug/L	50	56.0	112	63-134	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

LABORATORY CONTROL SAMPLE: 2546550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546850 2546851

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40261402049 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
1,1,1,2-Tetrachloroethane	ug/L	<0.36	50	50	54.1	53.6	108	107	70-130	1	20	
1,1,1-Trichloroethane	ug/L	<0.30	50	50	55.5	55.0	111	110	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	58.9	58.6	118	117	61-135	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	54.0	55.8	108	112	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.7	54.9	109	110	70-130	0	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	58.1	56.7	116	113	71-130	2	20	
1,1-Dichloropropene	ug/L	<0.41	50	50	60.6	59.0	121	118	70-130	3	20	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	47.2	47.7	94	95	67-130	1	20	
1,2,3-Trichloropropane	ug/L	<0.56	50	50	54.9	54.2	110	108	70-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.6	46.9	91	94	68-131	3	20	
1,2,4-Trimethylbenzene	ug/L	<0.45	50	50	51.3	52.2	103	104	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	54.7	55.3	109	111	51-141	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.8	53.6	104	107	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.9	48.6	98	97	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	56.1	56.0	112	112	70-137	0	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	58.7	57.8	117	116	80-121	1	20	
1,3,5-Trimethylbenzene	ug/L	<0.36	50	50	51.0	51.4	102	103	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50.1	50.6	100	101	70-130	1	20	
1,3-Dichloropropane	ug/L	<0.30	50	50	55.7	56.9	111	114	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.7	50.2	99	100	70-130	1	20	
2,2-Dichloropropane	ug/L	<0.42	50	50	56.2	56.7	112	113	66-131	1	20	
2-Chlorotoluene	ug/L	<0.89	50	50	51.9	52.2	104	104	70-130	1	20	
4-Chlorotoluene	ug/L	<0.89	50	50	49.8	50.5	100	101	70-131	1	20	
Benzene	ug/L	<0.30	50	50	55.6	56.2	111	112	70-130	1	20	
Bromobenzene	ug/L	<0.36	50	50	47.9	48.9	96	98	70-130	2	20	
Bromochloromethane	ug/L	<0.36	50	50	51.1	50.7	102	101	70-130	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	57.2	57.2	114	114	70-130	0	20	
Bromoform	ug/L	<0.43	50	50	50.4	51.4	101	103	70-133	2	20	
Bromomethane	ug/L	<1.2	50	50	54.2	54.1	108	108	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	66.7	67.7	133	135	80-146	1	20	
Chlorobenzene	ug/L	<0.86	50	50	51.3	51.9	103	104	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	57.0	57.3	114	115	52-165	0	20	
Chloroform	ug/L	<0.50	50	50	54.2	54.5	108	109	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	55.1	55.5	110	111	42-125	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.4	51.8	105	104	70-130	1	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

Parameter	Units	2546850		2546851		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40261402049 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	56.6	57.0	113	114	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	52.7	53.9	105	108	70-130	2	20		
Dibromomethane	ug/L	<0.99	50	50	56.8	56.2	114	112	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	45.0	45.2	90	90	25-121	1	20		
Diisopropyl ether	ug/L	<1.1	50	50	56.2	56.3	112	113	62-142	0	20		
Ethylbenzene	ug/L	<0.33	50	50	53.2	55.0	106	110	80-121	3	20		
Hexachloro-1,3-butadiene	ug/L	<2.7	50	50	49.7	50.2	99	100	57-133	1	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.3	53.9	107	108	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	55.6	56.7	111	113	70-130	2	20		
Methylene Chloride	ug/L	<0.32	50	50	54.8	54.7	110	109	70-130	0	20		
n-Butylbenzene	ug/L	<0.86	50	50	52.8	53.3	106	107	70-130	1	20		
n-Propylbenzene	ug/L	<0.35	50	50	54.1	54.5	108	109	70-130	1	20		
Naphthalene	ug/L	<1.9	50	50	52.4	53.6	105	107	51-158	2	20		
p-Isopropyltoluene	ug/L	<1.0	50	50	51.4	51.6	103	103	70-131	0	20		
sec-Butylbenzene	ug/L	<0.42	50	50	54.2	54.6	108	109	70-130	1	20		
Styrene	ug/L	<0.36	50	50	60.3	60.9	121	122	70-132	1	20		
tert-Butylbenzene	ug/L	<0.59	50	50	51.5	53.0	103	106	70-132	3	20		
Tetrachloroethene	ug/L	<0.41	50	50	48.9	50.8	98	102	70-130	4	20		
Toluene	ug/L	<0.29	50	50	52.5	52.8	105	106	80-120	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.9	54.9	108	110	70-130	2	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	55.3	57.4	111	115	70-130	4	20		
Trichloroethene	ug/L	<0.32	50	50	52.9	52.9	106	106	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	54.3	54.0	109	108	65-160	1	20		
Vinyl chloride	ug/L	<0.17	50	50	56.0	57.0	112	114	60-137	2	20		
Xylene (Total)	ug/L	<1.0	150	150	156	158	104	105	70-130	2	20		
1,2-Dichlorobenzene-d4 (S)	%						100	100	70-130				
4-Bromofluorobenzene (S)	%						102	103	70-130				
Toluene-d8 (S)	%						100	102	70-130				

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

METHOD BLANK: 2546551

Matrix: Water

Associated Lab Samples: 40261402061, 40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077, 40261402078, 40261402079

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	04/28/23 14:38	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/28/23 14:38	
Diisopropyl ether	ug/L	<1.1	5.0	04/28/23 14:38	
Ethylbenzene	ug/L	<0.33	1.0	04/28/23 14:38	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/28/23 14:38	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/28/23 14:38	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/28/23 14:38	
Methylene Chloride	ug/L	<0.32	5.0	04/28/23 14:38	
n-Butylbenzene	ug/L	<0.86	1.0	04/28/23 14:38	
n-Propylbenzene	ug/L	<0.35	1.0	04/28/23 14:38	
Naphthalene	ug/L	<1.9	5.0	04/28/23 14:38	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/28/23 14:38	
sec-Butylbenzene	ug/L	<0.42	1.0	04/28/23 14:38	
Styrene	ug/L	<0.36	1.0	04/28/23 14:38	
tert-Butylbenzene	ug/L	<0.59	1.0	04/28/23 14:38	
Tetrachloroethene	ug/L	<0.41	1.0	04/28/23 14:38	
Toluene	ug/L	<0.29	1.0	04/28/23 14:38	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/28/23 14:38	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	04/28/23 14:38	
Trichloroethene	ug/L	<0.32	1.0	04/28/23 14:38	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/28/23 14:38	
Vinyl chloride	ug/L	<0.17	1.0	04/28/23 14:38	
Xylene (Total)	ug/L	<1.0	3.0	04/28/23 14:38	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	04/28/23 14:38	
4-Bromofluorobenzene (S)	%	103	70-130	04/28/23 14:38	
Toluene-d8 (S)	%	101	70-130	04/28/23 14:38	

LABORATORY CONTROL SAMPLE: 2546552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.3	99	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	52.5	105	69-130	
1,1,2-Trichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethene	ug/L	50	50.6	101	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.0	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.4	93	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.5	97	70-130	
1,2-Dichlorobenzene	ug/L	50	51.3	103	70-130	
1,2-Dichloroethane	ug/L	50	46.7	93	70-137	
1,2-Dichloropropane	ug/L	50	48.6	97	80-121	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

LABORATORY CONTROL SAMPLE: 2546552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
Benzene	ug/L	50	50.1	100	70-130	
Bromodichloromethane	ug/L	50	48.7	97	70-130	
Bromoform	ug/L	50	44.8	90	70-130	
Bromomethane	ug/L	50	45.0	90	21-147	
Carbon tetrachloride	ug/L	50	47.9	96	80-146	
Chlorobenzene	ug/L	50	49.9	100	70-130	
Chloroethane	ug/L	50	47.2	94	52-165	
Chloroform	ug/L	50	50.5	101	80-123	
Chloromethane	ug/L	50	35.6	71	51-122	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Dibromochloromethane	ug/L	50	45.5	91	70-130	
Dichlorodifluoromethane	ug/L	50	22.8	46	25-121	
Ethylbenzene	ug/L	50	52.0	104	80-120	
Isopropylbenzene (Cumene)	ug/L	50	50.0	100	70-130	
Methyl-tert-butyl ether	ug/L	50	47.3	95	70-130	
Methylene Chloride	ug/L	50	52.4	105	70-130	
Styrene	ug/L	50	59.2	118	70-130	
Tetrachloroethene	ug/L	50	45.0	90	70-130	
Toluene	ug/L	50	49.5	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	70-130	
Trichloroethene	ug/L	50	49.8	100	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	65-160	
Vinyl chloride	ug/L	50	41.6	83	63-134	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546844 2546845

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40261402077 Result	Spike Conc.	Spike Conc.	MS Result							
1,1,1-Trichloroethane	ug/L	<0.30	50	50	49.7	53.8	99	108	70-134	8	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	55.3	58.4	111	117	61-135	6	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.0	55.0	104	110	70-130	6	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	51.8	56.1	104	112	70-130	8	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	53.7	57.6	107	115	71-130	7	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.5	49.2	95	98	68-131	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	47.1	51.1	94	102	51-141	8	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.2	52.7	102	105	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	54.3	56.7	109	113	70-130	4	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546844			2546845			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40261402077	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,2-Dichloroethane	ug/L	<0.29	50	50	49.5	52.9	99	106	70-137	7	20			
1,2-Dichloropropane	ug/L	<0.45	50	50	51.4	53.7	103	107	80-121	4	20			
1,3-Dichlorobenzene	ug/L	<0.35	50	50	54.3	56.6	109	113	70-130	4	20			
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.6	51.8	101	104	70-130	2	20			
Benzene	ug/L	<0.30	50	50	52.8	57.0	106	114	70-130	8	20			
Bromodichloromethane	ug/L	<0.42	50	50	51.6	53.9	103	108	70-130	4	20			
Bromoform	ug/L	<0.43	50	50	47.2	49.4	94	99	70-133	5	20			
Bromomethane	ug/L	<1.2	50	50	56.3	63.7	113	127	21-149	12	22			
Carbon tetrachloride	ug/L	<0.37	50	50	48.4	54.1	97	108	80-146	11	20			
Chlorobenzene	ug/L	<0.86	50	50	52.5	55.7	105	111	70-130	6	20			
Chloroethane	ug/L	<1.4	50	50	54.5	57.0	109	114	52-165	5	20			
Chloroform	ug/L	<0.50	50	50	52.3	55.9	105	112	80-123	7	20			
Chloromethane	ug/L	<1.6	50	50	46.2	49.5	92	99	42-125	7	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.1	52.9	100	106	70-130	5	20			
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	49.3	53.2	99	106	70-130	8	20			
Dibromochloromethane	ug/L	<2.6	50	50	48.2	50.4	96	101	70-130	5	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	39.8	43.6	80	87	25-121	9	20			
Ethylbenzene	ug/L	<0.33	50	50	54.7	57.7	109	115	80-121	5	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.2	56.4	104	113	70-130	8	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	51.8	54.8	104	110	70-130	6	20			
Methylene Chloride	ug/L	<0.32	50	50	55.9	56.9	112	114	70-130	2	20			
Styrene	ug/L	<0.36	50	50	62.9	66.8	126	134	70-132	6	20	M1		
Tetrachloroethene	ug/L	<0.41	50	50	46.2	49.0	92	98	70-130	6	20			
Toluene	ug/L	<0.29	50	50	52.5	55.9	105	112	80-120	6	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.0	57.4	108	115	70-130	6	20			
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	49.2	50.8	98	102	70-130	3	20			
Trichloroethene	ug/L	<0.32	50	50	51.2	55.5	102	111	70-130	8	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	51.7	57.4	103	115	65-160	10	20			
Vinyl chloride	ug/L	<0.17	50	50	50.3	53.0	101	106	60-137	5	20			
Xylene (Total)	ug/L	<1.0	150	150	155	167	104	111	70-130	7	20			
1,2-Dichlorobenzene-d4 (S)	%						102	100	70-130					
4-Bromofluorobenzene (S)	%						103	101	70-130					
Toluene-d8 (S)	%						101	100	70-130					

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

QC Batch: 443642

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: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

METHOD BLANK: 2547568

Matrix: Water

Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	05/01/23 09:55	

LABORATORY CONTROL SAMPLE: 2547569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.4	48.0	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547598 2547599

Parameter	Units	40261402010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.2	46.4	46.4	51.6	51.6	109	109	80-120	0	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40261402

QC Batch:	443701	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: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

METHOD BLANK: 2547741 Matrix: Water

Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	05/01/23 13:37	

LABORATORY CONTROL SAMPLE: 2547742

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	45.2	43.2	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547749 2547750

Parameter	Units	40261402065 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	45.2	45.2	48.8	48.0	108	106	80-120	2	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch: 443600 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: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010

METHOD BLANK: 2547157 Matrix: Water  
Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	0.86J	2.0	05/01/23 15:48	
Sulfate	mg/L	<0.44	2.0	05/01/23 15:48	

LABORATORY CONTROL SAMPLE: 2547158

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.3	101	90-110	
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547159 2547160

Parameter	Units	40260647001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	9860	10000	10000	19600	19600	97	97	90-110	0	15	
Sulfate	mg/L	2430	10000	10000	12000	12000	96	95	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547161 2547162

Parameter	Units	40261402010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	41.4	100	100	135	132	94	91	90-110	2	15	
Sulfate	mg/L	894	1000	1000	2050	1760	116	87	90-110	15	15 M0	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch: 443755 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: 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053

METHOD BLANK: 2547880 Matrix: Water  
Associated Lab Samples: 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	05/03/23 14:51	
Sulfate	mg/L	<0.44	2.0	05/03/23 14:51	

LABORATORY CONTROL SAMPLE: 2547881

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547882 2547883

Parameter	Units	40261144011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	167	100	100	256	257	90	90	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547884 2547885

Parameter	Units	40261402053 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	331	200	200	511	510	90	90	90-110	0	15	

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**QUALITY CONTROL DATA**

Project: 60682984 KEP

Pace Project No.: 40261402

QC Batch:	443987	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:	40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077		

METHOD BLANK:	2549007	Matrix:	Water
Associated Lab Samples:	40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	05/04/23 13:18	
Sulfate	mg/L	<0.44	2.0	05/04/23 13:18	

LABORATORY CONTROL SAMPLE:	2549008					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.3	102	90-110	
Sulfate	mg/L	20	20.4	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2549009	2549010										
Parameter	Units	40261402054 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	194	1000	1000	1220	1220	102	102	90-110	0	15	
Sulfate	mg/L	63.3J	1000	1000	1090	1090	103	103	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2549011	2549012										
Parameter	Units	40261402059 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	68.1	400	400	475	476	102	102	90-110	0	15	
Sulfate	mg/L	52.5	400	400	461	461	102	102	90-110	0	15	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443756	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: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

METHOD BLANK: 2547886 Matrix: Water

Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	05/02/23 10:49	

LABORATORY CONTROL SAMPLE: 2547887

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	103	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547888 2547889

Parameter	Units	40261402003		2547889		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Alkalinity, Total as CaCO3	mg/L	115	200	200	334	334	109	109	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547890 2547891

Parameter	Units	40261402063		2547891		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Alkalinity, Total as CaCO3	mg/L	442	500	500	983	980	108	108	90-110	0	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443758	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: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

METHOD BLANK: 2547898 Matrix: Water  
Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	05/02/23 11:24	

LABORATORY CONTROL SAMPLE: 2547899

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	102	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547900 2547901

Parameter	Units	40261402064 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	828	500	500	1360	1370	107	108	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2547902 2547903

Parameter	Units	40261402077 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	242	200	200	453	452	106	105	90-110	0	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443864	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:	40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061		

METHOD BLANK: 2548441 Matrix: Water  
Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	05/03/23 05:48	

LABORATORY CONTROL SAMPLE: 2548442

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	488	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2548443 2548444

Parameter	Units	40261402003 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	<15.5	526	526	536	541	99	100	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2548445 2548446

Parameter	Units	40261402004 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	<15.5	526	526	543	543	100	100	90-110	0	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	444108	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:	40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077		

METHOD BLANK: 2549719 Matrix: Water  
Associated Lab Samples: 40261402062, 40261402063, 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	05/05/23 05:49	

LABORATORY CONTROL SAMPLE: 2549720

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	493	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2549721 2549722

Parameter	Units	40261402062 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	36.6J	526	526	554	548	98	97	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2549723 2549724

Parameter	Units	40261402063 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	87.9	526	526	594	606	96	98	90-110	2	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443499	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

METHOD BLANK: 2546511 Matrix: Water  
Associated Lab Samples: 40261402003, 40261402004, 40261402006, 40261402007, 40261402008, 40261402009, 40261402010, 40261402033, 40261402040, 40261402041, 40261402042, 40261402051, 40261402052, 40261402053, 40261402054, 40261402059, 40261402060, 40261402061, 40261402062, 40261402063

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	04/28/23 03:50	

LABORATORY CONTROL SAMPLE: 2546512

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546513 2546514

Parameter	Units	40261402003 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	1.9	6	6	7.8	7.9	97	98	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546515 2546516

Parameter	Units	40261402004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.0	6	6	8.2	7.9	104	99	80-120	4	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40261402

QC Batch:	443500	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

METHOD BLANK: 2546517 Matrix: Water  
Associated Lab Samples: 40261402064, 40261402065, 40261402066, 40261402067, 40261402068, 40261402069, 40261402070, 40261402071, 40261402072, 40261402073, 40261402074, 40261402075, 40261402076, 40261402077

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	04/28/23 11:35	

LABORATORY CONTROL SAMPLE: 2546518

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.8	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546519 2546520

Parameter	Units	40261402064 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	43.0	90	90	129	126	96	93	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2546521 2546522

Parameter	Units	40261402065 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	5.5	18	18	21.9	22.4	91	94	80-120	2	10	

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## QUALIFIERS

Project: 60682984 KEP

Pace Project No.: 40261402

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

1q	Sample was received with headspace.
B	Analyte was detected in the associated method blank.
CR	The dissolved metal result was greater than the total metal result for this element. Results were confirmed by reanalysis.
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.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
F1	The sample was analyzed at a dilution due to foaming of the sample in the purge vessel.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
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: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402003	PZ-2301	EPA 8015B Modified	443663		
40261402004	PZ-2301D	EPA 8015B Modified	443663		
40261402006	PZ-2303	EPA 8015B Modified	443663		
40261402007	MW-2303	EPA 8015B Modified	443663		
40261402008	MW-2301	EPA 8015B Modified	443663		
40261402009	MW-2301D	EPA 8015B Modified	443663		
40261402010	MW-2106	EPA 8015B Modified	443663		
40261402033	MW-65R	EPA 8015B Modified	443663		
40261402040	MW-2201	EPA 8015B Modified	443663		
40261402041	MW-2201D	EPA 8015B Modified	443663		
40261402042	MW-31	EPA 8015B Modified	443663		
40261402051	MW-82	EPA 8015B Modified	443663		
40261402052	MW-82D	EPA 8015B Modified	443663		
40261402053	MW-2112	EPA 8015B Modified	443663		
40261402054	PZ-2112	EPA 8015B Modified	443663		
40261402059	MW-2102	EPA 8015B Modified	443796		
40261402060	MW-2110	EPA 8015B Modified	443796		
40261402061	PZ-2110	EPA 8015B Modified	443796		
40261402062	MW-61	EPA 8015B Modified	443796		
40261402063	PZ-61	EPA 8015B Modified	443796		
40261402064	MW-2107	EPA 8015B Modified	443796		
40261402065	PZ-2107	EPA 8015B Modified	443796		
40261402066	MW-2103	EPA 8015B Modified	443796		
40261402067	MW-2103D	EPA 8015B Modified	443796		
40261402068	PZ-2103	EPA 8015B Modified	443796		
40261402069	PZ-2103D	EPA 8015B Modified	443796		
40261402070	MW-2113	EPA 8015B Modified	443796		
40261402071	PZ-2113	EPA 8015B Modified	443796		
40261402072	MW-2111	EPA 8015B Modified	443796		
40261402073	PZ-2111	EPA 8015B Modified	443796		
40261402074	MW-2101	EPA 8015B Modified	443796		
40261402075	PZ-2101	EPA 8015B Modified	443796		
40261402076	MW-2114	EPA 8015B Modified	443796		
40261402077	PZ-2114	EPA 8015B Modified	443796		
40261402003	PZ-2301	EPA 3010A	443506	EPA 6020B	443580
40261402004	PZ-2301D	EPA 3010A	443506	EPA 6020B	443580
40261402006	PZ-2303	EPA 3010A	443506	EPA 6020B	443580
40261402007	MW-2303	EPA 3010A	443506	EPA 6020B	443580
40261402008	MW-2301	EPA 3010A	443506	EPA 6020B	443580
40261402009	MW-2301D	EPA 3010A	443506	EPA 6020B	443580
40261402010	MW-2106	EPA 3010A	443506	EPA 6020B	443580
40261402033	MW-65R	EPA 3010A	443506	EPA 6020B	443580
40261402040	MW-2201	EPA 3010A	443506	EPA 6020B	443580
40261402041	MW-2201D	EPA 3010A	443506	EPA 6020B	443580
40261402042	MW-31	EPA 3010A	443506	EPA 6020B	443580
40261402051	MW-82	EPA 3010A	443506	EPA 6020B	443580
40261402052	MW-82D	EPA 3010A	443506	EPA 6020B	443580
40261402053	MW-2112	EPA 3010A	443506	EPA 6020B	443580

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402054	PZ-2112	EPA 3010A	443506	EPA 6020B	443580
40261402059	MW-2102	EPA 3010A	443506	EPA 6020B	443580
40261402060	MW-2110	EPA 3010A	443506	EPA 6020B	443580
40261402061	PZ-2110	EPA 3010A	443506	EPA 6020B	443580
40261402062	MW-61	EPA 3010A	443506	EPA 6020B	443580
40261402063	PZ-61	EPA 3010A	443506	EPA 6020B	443580
40261402064	MW-2107	EPA 3010A	443510	EPA 6020B	443731
40261402065	PZ-2107	EPA 3010A	443510	EPA 6020B	443731
40261402066	MW-2103	EPA 3010A	443510	EPA 6020B	443731
40261402067	MW-2103D	EPA 3010A	443510	EPA 6020B	443731
40261402068	PZ-2103	EPA 3010A	443510	EPA 6020B	443731
40261402069	PZ-2103D	EPA 3010A	443510	EPA 6020B	443731
40261402070	MW-2113	EPA 3010A	443510	EPA 6020B	443731
40261402071	PZ-2113	EPA 3010A	443510	EPA 6020B	443731
40261402072	MW-2111	EPA 3010A	443510	EPA 6020B	443731
40261402073	PZ-2111	EPA 3010A	443510	EPA 6020B	443731
40261402074	MW-2101	EPA 3010A	443510	EPA 6020B	443731
40261402075	PZ-2101	EPA 3010A	443510	EPA 6020B	443731
40261402076	MW-2114	EPA 3010A	443510	EPA 6020B	443731
40261402077	PZ-2114	EPA 3010A	443510	EPA 6020B	443731
40261402003	PZ-2301	EPA 3010A	443505	EPA 6020B	443575
40261402004	PZ-2301D	EPA 3010A	443505	EPA 6020B	443575
40261402006	PZ-2303	EPA 3010A	443505	EPA 6020B	443575
40261402007	MW-2303	EPA 3010A	443505	EPA 6020B	443575
40261402008	MW-2301	EPA 3010A	443505	EPA 6020B	443575
40261402009	MW-2301D	EPA 3010A	443505	EPA 6020B	443575
40261402010	MW-2106	EPA 3010A	443505	EPA 6020B	443575
40261402033	MW-65R	EPA 3010A	443505	EPA 6020B	443575
40261402040	MW-2201	EPA 3010A	443505	EPA 6020B	443575
40261402041	MW-2201D	EPA 3010A	443505	EPA 6020B	443575
40261402042	MW-31	EPA 3010A	443505	EPA 6020B	443575
40261402051	MW-82	EPA 3010A	443505	EPA 6020B	443575
40261402052	MW-82D	EPA 3010A	443505	EPA 6020B	443575
40261402053	MW-2112	EPA 3010A	443505	EPA 6020B	443575
40261402054	PZ-2112	EPA 3010A	443505	EPA 6020B	443575
40261402059	MW-2102	EPA 3010A	443505	EPA 6020B	443575
40261402060	MW-2110	EPA 3010A	443505	EPA 6020B	443575
40261402061	PZ-2110	EPA 3010A	443505	EPA 6020B	443575
40261402062	MW-61	EPA 3010A	443505	EPA 6020B	443575
40261402063	PZ-61	EPA 3010A	443505	EPA 6020B	443575
40261402064	MW-2107	EPA 3010A	443508	EPA 6020B	443730
40261402065	PZ-2107	EPA 3010A	443508	EPA 6020B	443730
40261402066	MW-2103	EPA 3010A	443508	EPA 6020B	443730
40261402067	MW-2103D	EPA 3010A	443508	EPA 6020B	443730
40261402068	PZ-2103	EPA 3010A	443508	EPA 6020B	443730
40261402069	PZ-2103D	EPA 3010A	443508	EPA 6020B	443730
40261402070	MW-2113	EPA 3010A	443508	EPA 6020B	443730

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402071	PZ-2113	EPA 3010A	443508	EPA 6020B	443730
40261402072	MW-2111	EPA 3010A	443508	EPA 6020B	443730
40261402073	PZ-2111	EPA 3010A	443508	EPA 6020B	443730
40261402074	MW-2101	EPA 3010A	443508	EPA 6020B	443730
40261402075	PZ-2101	EPA 3010A	443508	EPA 6020B	443730
40261402076	MW-2114	EPA 3010A	443508	EPA 6020B	443730
40261402077	PZ-2114	EPA 3010A	443508	EPA 6020B	443730
40261402001	TB-01	EPA 8260	443509		
40261402002	PZ-2302	EPA 8260	443509		
40261402003	PZ-2301	EPA 8260	443509		
40261402004	PZ-2301D	EPA 8260	443509		
40261402005	MW-2302	EPA 8260	443509		
40261402006	PZ-2303	EPA 8260	443509		
40261402007	MW-2303	EPA 8260	443509		
40261402008	MW-2301	EPA 8260	443509		
40261402009	MW-2301D	EPA 8260	443509		
40261402010	MW-2106	EPA 8260	443509		
40261402011	MW-2105	EPA 8260	443509		
40261402012	PZ-2105	EPA 8260	443509		
40261402013	MW-112	EPA 8260	443509		
40261402014	MW-117	EPA 8260	443509		
40261402015	PZ-117	EPA 8260	443509		
40261402016	PZ-117D	EPA 8260	443509		
40261402017	MW-111	EPA 8260	443509		
40261402018	MW-116	EPA 8260	443509		
40261402019	PZ-116	EPA 8260	443509		
40261402020	PZ-116D	EPA 8260	443509		
40261402021	MW-110	EPA 8260	443511		
40261402022	MW-109	EPA 8260	443511		
40261402023	MW-2203	EPA 8260	443511		
40261402024	PZ-2203	EPA 8260	443511		
40261402025	MW-103	EPA 8260	443511		
40261402026	MW-102	EPA 8260	443511		
40261402027	MW-101	EPA 8260	443511		
40261402028	MW-107	EPA 8260	443511		
40261402029	MW-115	EPA 8260	443511		
40261402030	MW-108	EPA 8260	443511		
40261402031	MW-44	EPA 8260	443511		
40261402032	MW-105	EPA 8260	443511		
40261402033	MW-65R	EPA 8260	443511		
40261402034	MW-206	EPA 8260	443511		
40261402035	MW-114	EPA 8260	443511		
40261402036	MW-113	EPA 8260	443511		
40261402037	MW-2202	EPA 8260	443511		
40261402038	PZ-2202	EPA 8260	443511		
40261402039	PZ-118	EPA 8260	443511		
40261402040	MW-2201	EPA 8260	443511		

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402041	MW-2201D	EPA 8260	443512		
40261402042	MW-31	EPA 8260	443512		
40261402043	MW-80	EPA 8260	443512		
40261402044	MW-69R	EPA 8260	443512		
40261402045	PZ-69R	EPA 8260	443512		
40261402046	PZ-70R	EPA 8260	443512		
40261402047	MW-71R	EPA 8260	443512		
40261402048	MW-81	EPA 8260	443512		
40261402049	MW-79	EPA 8260	443512		
40261402050	PZ-82	EPA 8260	443512		
40261402051	MW-82	EPA 8260	443512		
40261402052	MW-82D	EPA 8260	443512		
40261402053	MW-2112	EPA 8260	443512		
40261402054	PZ-2112	EPA 8260	443512		
40261402055	MW-2104	EPA 8260	443512		
40261402056	MW-2108	EPA 8260	443512		
40261402057	MW-2109	EPA 8260	443512		
40261402058	PZ-2109	EPA 8260	443512		
40261402059	MW-2102	EPA 8260	443512		
40261402060	MW-2110	EPA 8260	443512		
40261402061	PZ-2110	EPA 8260	443513		
40261402062	MW-61	EPA 8260	443513		
40261402063	PZ-61	EPA 8260	443513		
40261402064	MW-2107	EPA 8260	443513		
40261402065	PZ-2107	EPA 8260	443513		
40261402066	MW-2103	EPA 8260	443513		
40261402067	MW-2103D	EPA 8260	443513		
40261402068	PZ-2103	EPA 8260	443513		
40261402069	PZ-2103D	EPA 8260	443513		
40261402070	MW-2113	EPA 8260	443513		
40261402071	PZ-2113	EPA 8260	443513		
40261402072	MW-2111	EPA 8260	443513		
40261402073	PZ-2111	EPA 8260	443513		
40261402074	MW-2101	EPA 8260	443513		
40261402075	PZ-2101	EPA 8260	443513		
40261402076	MW-2114	EPA 8260	443513		
40261402077	PZ-2114	EPA 8260	443513		
40261402078	TB-02	EPA 8260	443513		
40261402079	TB-03	EPA 8260	443513		
40261402003	PZ-2301	SM 4500-S F (2000)	443642		
40261402004	PZ-2301D	SM 4500-S F (2000)	443642		
40261402006	PZ-2303	SM 4500-S F (2000)	443642		
40261402007	MW-2303	SM 4500-S F (2000)	443642		
40261402008	MW-2301	SM 4500-S F (2000)	443642		
40261402009	MW-2301D	SM 4500-S F (2000)	443642		
40261402010	MW-2106	SM 4500-S F (2000)	443642		
40261402033	MW-65R	SM 4500-S F (2000)	443642		
40261402040	MW-2201	SM 4500-S F (2000)	443642		

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402041	MW-2201D	SM 4500-S F (2000)	443642		
40261402042	MW-31	SM 4500-S F (2000)	443642		
40261402051	MW-82	SM 4500-S F (2000)	443642		
40261402052	MW-82D	SM 4500-S F (2000)	443642		
40261402053	MW-2112	SM 4500-S F (2000)	443642		
40261402054	PZ-2112	SM 4500-S F (2000)	443642		
40261402059	MW-2102	SM 4500-S F (2000)	443642		
40261402060	MW-2110	SM 4500-S F (2000)	443642		
40261402061	PZ-2110	SM 4500-S F (2000)	443642		
40261402062	MW-61	SM 4500-S F (2000)	443642		
40261402063	PZ-61	SM 4500-S F (2000)	443642		
40261402064	MW-2107	SM 4500-S F (2000)	443701		
40261402065	PZ-2107	SM 4500-S F (2000)	443701		
40261402066	MW-2103	SM 4500-S F (2000)	443701		
40261402067	MW-2103D	SM 4500-S F (2000)	443701		
40261402068	PZ-2103	SM 4500-S F (2000)	443701		
40261402069	PZ-2103D	SM 4500-S F (2000)	443701		
40261402070	MW-2113	SM 4500-S F (2000)	443701		
40261402071	PZ-2113	SM 4500-S F (2000)	443701		
40261402072	MW-2111	SM 4500-S F (2000)	443701		
40261402073	PZ-2111	SM 4500-S F (2000)	443701		
40261402074	MW-2101	SM 4500-S F (2000)	443701		
40261402075	PZ-2101	SM 4500-S F (2000)	443701		
40261402076	MW-2114	SM 4500-S F (2000)	443701		
40261402077	PZ-2114	SM 4500-S F (2000)	443701		
40261402003	PZ-2301	EPA 300.0	443600		
40261402004	PZ-2301D	EPA 300.0	443600		
40261402006	PZ-2303	EPA 300.0	443600		
40261402007	MW-2303	EPA 300.0	443600		
40261402008	MW-2301	EPA 300.0	443600		
40261402009	MW-2301D	EPA 300.0	443600		
40261402010	MW-2106	EPA 300.0	443600		
40261402033	MW-65R	EPA 300.0	443755		
40261402040	MW-2201	EPA 300.0	443755		
40261402041	MW-2201D	EPA 300.0	443755		
40261402042	MW-31	EPA 300.0	443755		
40261402051	MW-82	EPA 300.0	443755		
40261402052	MW-82D	EPA 300.0	443755		
40261402053	MW-2112	EPA 300.0	443755		
40261402054	PZ-2112	EPA 300.0	443987		
40261402059	MW-2102	EPA 300.0	443987		
40261402060	MW-2110	EPA 300.0	443987		
40261402061	PZ-2110	EPA 300.0	443987		
40261402062	MW-61	EPA 300.0	443987		
40261402063	PZ-61	EPA 300.0	443987		
40261402064	MW-2107	EPA 300.0	443987		
40261402065	PZ-2107	EPA 300.0	443987		

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402066	MW-2103	EPA 300.0	443987		
40261402067	MW-2103D	EPA 300.0	443987		
40261402068	PZ-2103	EPA 300.0	443987		
40261402069	PZ-2103D	EPA 300.0	443987		
40261402070	MW-2113	EPA 300.0	443987		
40261402071	PZ-2113	EPA 300.0	443987		
40261402072	MW-2111	EPA 300.0	443987		
40261402073	PZ-2111	EPA 300.0	443987		
40261402074	MW-2101	EPA 300.0	443987		
40261402075	PZ-2101	EPA 300.0	443987		
40261402076	MW-2114	EPA 300.0	443987		
40261402077	PZ-2114	EPA 300.0	443987		
40261402003	PZ-2301	EPA 310.2	443756		
40261402004	PZ-2301D	EPA 310.2	443756		
40261402006	PZ-2303	EPA 310.2	443756		
40261402007	MW-2303	EPA 310.2	443756		
40261402008	MW-2301	EPA 310.2	443756		
40261402009	MW-2301D	EPA 310.2	443756		
40261402010	MW-2106	EPA 310.2	443756		
40261402033	MW-65R	EPA 310.2	443756		
40261402040	MW-2201	EPA 310.2	443756		
40261402041	MW-2201D	EPA 310.2	443756		
40261402042	MW-31	EPA 310.2	443756		
40261402051	MW-82	EPA 310.2	443756		
40261402052	MW-82D	EPA 310.2	443756		
40261402053	MW-2112	EPA 310.2	443756		
40261402054	PZ-2112	EPA 310.2	443756		
40261402059	MW-2102	EPA 310.2	443756		
40261402060	MW-2110	EPA 310.2	443756		
40261402061	PZ-2110	EPA 310.2	443756		
40261402062	MW-61	EPA 310.2	443756		
40261402063	PZ-61	EPA 310.2	443756		
40261402064	MW-2107	EPA 310.2	443758		
40261402065	PZ-2107	EPA 310.2	443758		
40261402066	MW-2103	EPA 310.2	443758		
40261402067	MW-2103D	EPA 310.2	443758		
40261402068	PZ-2103	EPA 310.2	443758		
40261402069	PZ-2103D	EPA 310.2	443758		
40261402070	MW-2113	EPA 310.2	443758		
40261402071	PZ-2113	EPA 310.2	443758		
40261402072	MW-2111	EPA 310.2	443758		
40261402073	PZ-2111	EPA 310.2	443758		
40261402074	MW-2101	EPA 310.2	443758		
40261402075	PZ-2101	EPA 310.2	443758		
40261402076	MW-2114	EPA 310.2	443758		
40261402077	PZ-2114	EPA 310.2	443758		
40261402003	PZ-2301	EPA 410.4	443864	EPA 410.4	443874

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402004	PZ-2301D	EPA 410.4	443864	EPA 410.4	443874
40261402006	PZ-2303	EPA 410.4	443864	EPA 410.4	443874
40261402007	MW-2303	EPA 410.4	443864	EPA 410.4	443874
40261402008	MW-2301	EPA 410.4	443864	EPA 410.4	443874
40261402009	MW-2301D	EPA 410.4	443864	EPA 410.4	443874
40261402010	MW-2106	EPA 410.4	443864	EPA 410.4	443874
40261402033	MW-65R	EPA 410.4	443864	EPA 410.4	443874
40261402040	MW-2201	EPA 410.4	443864	EPA 410.4	443874
40261402041	MW-2201D	EPA 410.4	443864	EPA 410.4	443874
40261402042	MW-31	EPA 410.4	443864	EPA 410.4	443874
40261402051	MW-82	EPA 410.4	443864	EPA 410.4	443874
40261402052	MW-82D	EPA 410.4	443864	EPA 410.4	443874
40261402053	MW-2112	EPA 410.4	443864	EPA 410.4	443874
40261402054	PZ-2112	EPA 410.4	443864	EPA 410.4	443874
40261402059	MW-2102	EPA 410.4	443864	EPA 410.4	443874
40261402060	MW-2110	EPA 410.4	443864	EPA 410.4	443874
40261402061	PZ-2110	EPA 410.4	443864	EPA 410.4	443874
40261402062	MW-61	EPA 410.4	444108	EPA 410.4	444115
40261402063	PZ-61	EPA 410.4	444108	EPA 410.4	444115
40261402064	MW-2107	EPA 410.4	444108	EPA 410.4	444115
40261402065	PZ-2107	EPA 410.4	444108	EPA 410.4	444115
40261402066	MW-2103	EPA 410.4	444108	EPA 410.4	444115
40261402067	MW-2103D	EPA 410.4	444108	EPA 410.4	444115
40261402068	PZ-2103	EPA 410.4	444108	EPA 410.4	444115
40261402069	PZ-2103D	EPA 410.4	444108	EPA 410.4	444115
40261402070	MW-2113	EPA 410.4	444108	EPA 410.4	444115
40261402071	PZ-2113	EPA 410.4	444108	EPA 410.4	444115
40261402072	MW-2111	EPA 410.4	444108	EPA 410.4	444115
40261402073	PZ-2111	EPA 410.4	444108	EPA 410.4	444115
40261402074	MW-2101	EPA 410.4	444108	EPA 410.4	444115
40261402075	PZ-2101	EPA 410.4	444108	EPA 410.4	444115
40261402076	MW-2114	EPA 410.4	444108	EPA 410.4	444115
40261402077	PZ-2114	EPA 410.4	444108	EPA 410.4	444115
40261402003	PZ-2301	SM 5310C	443499		
40261402004	PZ-2301D	SM 5310C	443499		
40261402006	PZ-2303	SM 5310C	443499		
40261402007	MW-2303	SM 5310C	443499		
40261402008	MW-2301	SM 5310C	443499		
40261402009	MW-2301D	SM 5310C	443499		
40261402010	MW-2106	SM 5310C	443499		
40261402033	MW-65R	SM 5310C	443499		
40261402040	MW-2201	SM 5310C	443499		
40261402041	MW-2201D	SM 5310C	443499		
40261402042	MW-31	SM 5310C	443499		
40261402051	MW-82	SM 5310C	443499		
40261402052	MW-82D	SM 5310C	443499		
40261402053	MW-2112	SM 5310C	443499		
40261402054	PZ-2112	SM 5310C	443499		

### REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP

Pace Project No.: 40261402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40261402059	MW-2102	SM 5310C	443499		
40261402060	MW-2110	SM 5310C	443499		
40261402061	PZ-2110	SM 5310C	443499		
40261402062	MW-61	SM 5310C	443499		
40261402063	PZ-61	SM 5310C	443499		
40261402064	MW-2107	SM 5310C	443500		
40261402065	PZ-2107	SM 5310C	443500		
40261402066	MW-2103	SM 5310C	443500		
40261402067	MW-2103D	SM 5310C	443500		
40261402068	PZ-2103	SM 5310C	443500		
40261402069	PZ-2103D	SM 5310C	443500		
40261402070	MW-2113	SM 5310C	443500		
40261402071	PZ-2113	SM 5310C	443500		
40261402072	MW-2111	SM 5310C	443500		
40261402073	PZ-2111	SM 5310C	443500		
40261402074	MW-2101	SM 5310C	443500		
40261402075	PZ-2101	SM 5310C	443500		
40261402076	MW-2114	SM 5310C	443500		
40261402077	PZ-2114	SM 5310C	443500		

## REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

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40261402

*\* 9 coolers \**  
*\* 7 COC'S \**

<b>Section A</b> Required Client Information	<b>Section B</b> Required Project Information	<b>Section C</b> Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr, Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address: 652 52nd St, Kenosha, WI 53140
Email To Lanette Altenbach@aecom.com	Purchase Order No. 200476	Pace Quote Reference
Phone 414-577-1363 Fax	Project Name KEP	Pace Project Manager Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60682984	Pace Profile # (2430) Kenosha work

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

ITEM #	Section D Required Client Information <b>SAMPLE ID</b> One Character per box (A-Z, 0-9 / . - ) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX DRINKING WATER DW WATER WW WASTE WATER P PRODUCT SOLID BL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	CODE	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analytes	Pace Project Number Lab ID											
				MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COMPOSITE START				COMPOSITE END/GRAB		Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>			Methanol	Other	VOCs 8260	TOC	Alkalinity, Cl, SO <sub>4</sub>	Methane/Ethane/Enerent	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)
						DATE	TIME			DATE	TIME																			
										2023																				
1	TB-01	WT	G			04/24	0900		2																	001				
2	PZ-2302	WT					0955		3																	002				
3	PZ-2301	WT					1050		12	12	26	1														003				
4	PZ-2301D	WT					1050		12	12	26	1														004				
5	MW-2302	WT					1000		3																	005				
6	PZ-2303	WT					1100		12	12	26	1														006				
7	MW-2303	WT					1215		12	12	26	1														007				
8	MW-2301	WT					1210		12	12	26	1														008				
9	MW-2301D	WT					1210		12	12	26	1														009				
10	MW-2106	WT					1310		12	12	26	1														010				
11	MW-2105	WT					1350		3																	011				
12	PZ-2105	WT					1415		3																	012				

Additional Comments:	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS						
	<i>Ken AECOM</i>	04/26	1400	<i>Keith Nielsen</i>	04/27/23	0915					Y/N	Y/N	Y/N
	<i>C. Stogota</i>	04/27/23	0915	<i>Keith Nielsen</i>	04/27/23	0915	①	①	①	①	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER	<i>Keith Nielsen</i>				
SIGNATURE of SAMPLER	<i>Keith Nielsen</i>	DATE Signed (MM/DD/YY)	04/24/23		

*\* MW-2302 is VOC's only*  
*\* MW-2105 is VOC's only*  
*\* 9 coolers \**



# CHAIN-OF-CUSTODY / Analytical Request Document

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40261402

Page: **2** of **7**

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr, Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address: 652 52nd St, Kenosha, WI 53140
Email To Lanette.Altenbach@aecom.com	Purchase Order No : 200476	Pace Quote Reference
Phone 414-577-1363   Fax	Project Name KEP	Pace Project Manager: Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60682984	Pace Profile # (2430) Kenosha work

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

ITEM #	Section D Required Client Information <b>SAMPLE ID</b> One Character per box (A-Z, 0-9 / . -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOLID/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Requested Analytes	Pace Project Number Lab ID										
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol			Other	VOCs 8260	TOC	Alkalinity Cl, SO <sub>4</sub>	Methane Ethane, Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)
					DATE	TIME	DATE	TIME																					
1	MW-11Z		WT	G			04/24	1000		3																013			
2	MW-11Z		WT	G				1045		3																	014		
3	PZ-11Z		WT	G				1115		3																	015		
4	PZ-11ZD		WT	G				1115		3																	016		
5	MW-111		WT	G				1145		3																	017		
6	MW-116		WT	G				1220		3																	018		
7	PZ-116		WT	G				1240		3																	019		
8	PZ-116D		WT	G				1240		3																	020		
9	MW-110		WT	G				1330		3																	021		
10	MW-109		WT	G				1400		3																	022		
11	MW-2203		WT	G				1415		3																	023		
12	PZ-2203		WT	G				1420		3																	024		

Additional Comments:  
Total Metals: Fe, Mn  
Dissolved Metals: Fe, Mn, Ba, Cr, Pb, Ni  
\*Diss Ca, Mg, K, Na also for PZ-2110, PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<i>[Signature]</i>	04/26	1400	<i>[Signature]</i>	04/27	0915	Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
C. S. Rogister	04/27	0915	Susan W. Luper	04/27	0915	Y/N	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N	Y/N

<b>SAMPLER NAME AND SIGNATURE</b>		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER	<i>Keith Nielsen</i>				
SIGNATURE of SAMPLER	<i>[Signature]</i>	DATE Signed (MM/DD/YY)	04/24/23		





# CHAIN-OF-CUSTODY / Analytical Request Document

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40261402

<b>Section A</b> Required Client Information	<b>Section B</b> Required Project Information	<b>Section C</b> Invoice Information
Company: AECOM - Milw	Report To: Lanette Altenbach	Attention: Accounts Payable/Finance Department
Address: 1555 N River Center Dr., Suite 214	Copy To:	Company Name: City of Kenosha
Milwaukee, WI 53212		Address: 652 52nd St., Kenosha, WI 53140
Email To: Lanette.Altenbach@aecom.com	Purchase Order No: 200476	Pace Quote Reference:
Phone: 414-577-1363   Fax:	Project Name: KEP	Pace Project Manager: Chris Hyska
Requested Due Date/TAT: Standard	Project Number: 60682984	Pace Profile #: (2430) Kenosha work

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

ITEM #	Section D Required Client Information <b>SAMPLE ID</b> One Character per box (A-Z, 0-9 / . -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analytes	Pace Project Number Lab ID									
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other			VOCs 8260	TOC	Alkalinity Cl <sub>2</sub> SO <sub>4</sub>	Methane Ethane Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)
					DATE	TIME	DATE	TIME																					
1	MW-2202		WT	G	04/24	04/24	1505		3																037				
2	PZ-2202		WT		04/24		1520		3																038				
3	PZ-118		WT			04/25	1035		3																039				
4	MW-2201		WT				1215		12	1	2	2	6	1											040				
5	MW-2201D		WT				1215		12	1	2	2	6	1											041				
6	MW-31		WT				1230		12	1	2	2	6	1											042				
7	MW-80		WT				1210		3																043				
8	MW-69R		WT				1130		3																044				
9	PZ-69R		WT				1200		3																045				
10	MW-70R		WT				1230		3																046				
11	MW-71R		WT				1315		3																047				
12	MW-81		WT				1245		3																048				

Additional Comments:  
Total Metals: Fe, Mn  
Dissolved Metals: Fe, Mn, Ba, Cr, Pb, Ni  
\*Diss Ca, Mg, K, Na also for PZ-2110, PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<i>[Signature]</i> AECOM	04/26	1400	<i>[Signature]</i> Kenosha	04/27	0915	①	Y/N	Y/N	Y/N
<i>[Signature]</i> Kenosha	04/27	0915	<i>[Signature]</i> Kenosha	04/27	0915	①	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER	SIGNATURE of SAMPLER				
Keith Nielsen	<i>[Signature]</i>				
	<i>[Signature]</i> Kenosha				
	DATE Signed (MM/DD/YY)				
	04/25/23				





# CHAIN-OF-CUSTODY / Analytical Request Document

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

4026/402

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr, Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address 652 52nd St, Kenosha, WI 53140
Email To Lanette.Aaltenbach@aecom.com	Purchase Order No : 200476	Pace Quote Reference
Phone 414-577-1363   Fax	Project Name KEP	Pace Project Manager Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60682984	Pace Profile # (2430) Kenosha work

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

ITEM #	Section D Required Client Information <b>SAMPLE ID</b> One Character per box (A-Z, 0-9 / -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOLID S OIL SL WIFE WP AIR AR OTHER OT TISSUE TS	COLLECTED MATRIX CODE SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START				COMPOSITE END/GRAB				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Requested Analytes	Pace Project Number Lab ID									
				DATE		TIME		DATE		TIME				Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HNO <sub>3</sub>	HCl	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Methanol	Other	VOCs B260	TOC			Alkalinity Cl <sub>2</sub> O <sub>4</sub>	Methane Ethane Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)		
				DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME																							
				DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME																							
1	MW-79	WT	G			04/25	1315				3																049							
2	PZ-82	WT					1345				3																050							
3	MW-82	WT					1430				12	1	2	2	6	1											051							
4	MW-82A	WT					1430				12	1	2	2	6	1											052							
5	MW-2112	WT					1340				12	1	2	2	6	1											053							
6	PZ-2112	WT					1340				12	1	2	2	6	1											054							
7	MW-2104	WT					1420				3																055							
8	MW-2108	WT					1500				3																056							
9	MW-2109	WT					1440				3																057							
10	PZ-2109	WT					1440				3																058							
11	MW-2102	WT					1600				12	1	2	2	6	1											059							
12	MW-2110	WT				04/26	0900				12	1	2	2	6	1											060							

Additional Comments:  
Total Metals: Fe, Mn  
Dissolved Metals Fe, Mn, Ba, Cr, Pb, Ni  
\*Diss Ca, Mg, K, Na also for PZ-2110, PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
<del>Kenosha</del> KEN AECOM	04/26	1400	Keith Nielsen	04/26	0915	Y/N	Y/N	Y/N
C. S. Logistics	04/26	0915	Susan Hyska	04/26	0915	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER	Keith Nielsen				
SIGNATURE of SAMPLER	<i>Keith Nielsen</i>				
	AECOM				
DATE Signed (MM / DD / YY)					









40261402

DC#\_Title: ENV-FRM-GBAY-0035 v01\_Sample Preservation Receipt Form  
 Revision: 3 | Effective Date: | Issued by: Green Bay

Client Name: AECOM Sample Preservation Receipt Form  
 Project #: \_\_\_\_\_

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	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC								GN					
049																																						2.5/5/10
050																																						2.5/5/10
051				1																																		2.5/5/10
052				1																																		2.5/5/10
053				1																																		2.5/5/10
054				1																																		2.5/5/10
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064				1																																		2.5/5/10
065				1																																		2.5/5/10
066				1																																		2.5/5/10
067				1																																		2.5/5/10
068				1																																		2.5/5/10
069				1																																		2.5/5/10
070				1																																		2.5/5/10
071				1																																		2.5/5/10
072				1																																		2.5/5/10
073				1																																		2.5/5/10
074				1																																		2.5/5/10
075				1																																		2.5/5/10
076				1																																		2.5/5/10

4/20/23



4026/402

Sample Condition Upon Receipt Form (SCUR)  
Client Name: AECOM Project # \_\_\_\_\_

Additional Comments/Resolution: \_\_\_\_\_

Cooler Temps	Uncorrect	Correct
1	1.0	1.5
2	0.5	1.0
3	1.5	2.0
4	3.5	4.0
5	0.5	1.0
6	1.5	2.0
7	2.0	2.5
8	1.5	2.0
9	0.5	1.0

010 time 1510

024 - Collect 4/24 @ 1415

037 Collect 4/24 @ 1525 on 2 Vials

057 Collect 4/25 @ 1455

064 Collect 4/26 @ 0930

072 Collect 4/26 @ 1145

073 Collect 4/26 @ 1230

070 Collect 4/26 @ 0935

04/27/23  
800

085 ~~Collect~~  
time 0955

4/27/23 86

082 2 wals 70 "mw-112"

Page 5 of 6



Sample Condition Upon Receipt Form (SCUR)

Client Name:

AECOM

Project #:

WO#: 40261402

Courier:  ES Logistics  Fed Ex  Speedee  UPS  Walto



40261402

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

Cooler Temperature Uncorr: /Corr:

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents: Date: 04/27/23 Initials: SKW Labeled By Initials: SG

Temp should be above freezing to 6°C.

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

Table with 13 rows of sample condition checks including Chain of Custody, Volume, Containers, and Trip Blank status.

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: Date/Time:

Comments/ Resolution: See attached sheet.

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