

January 19, 2023

**Our Reference**  
60682984Greg Boldt  
City of Kenosha  
Assistant City Engineer  
625 52nd Street, Room 305  
Kenosha, Wisconsin 53140**KEP Groundwater Post-Remediation Sample Results - October 2022**

Dear Mr. Boldt:

AECOM conducted the third quarterly post-remediation groundwater sampling event between October 24 and 27, 2022, under Task Order 173-033122 for the City of Kenosha, at the former Kenosha Engine Plant (KEP). Monitoring wells associated with groundwater treatment Areas 1 to 4 were sampled for volatile organic compounds 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 Figure 1.

Groundwater flow at the KEP was southeasterly across the site at the water table, easterly at the clay-till interface in the northern half of the KEP and southerly at the clay-till interface in the southern half of the KEP, based on the depth to groundwater measurements on October 24, 2022. These flow directions are somewhat consistent with the data provided in prior groundwater elevation measurement events. Contoured groundwater elevations for October 2022, 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, oxygen reducing potential, dissolved oxygen, and temperature, were measured during well purging and recorded following stabilization of each parameter. The field parameter measurements are included in Table 2.

Groundwater samples from the 46 monitoring wells and 21 piezometers 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 geochemical parameters. 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). The PAL is a concentration that is 10% (for carcinogenic, mutagenic, or teratogenic compounds) to 20% of the enforcement standard. The PAL has been established as the concentration at which notification to the WDNR is required. The ES is a health-risk based concentration and is generally equal to the US EPA's maximum contaminant level (MCL), where established. The groundwater analytical results are included in Table 3 (Area 1), Table 4 (Area 2), Table 5 (Area 3) and Table 6 (Area 4). 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. Seven field duplicate samples were collected and submitted for analysis. The laboratory analytical data were validated and reviewed. The data validation report is attached.

Concentration trends were not evaluated as part of this groundwater sampling event because this is post-treatment groundwater monitoring but will be provided after the January 2023 sampling event when a full year of post-treatment sampling has been completed. Similarly, the enforcement standards are not depicted on a figure. The groundwater treatment process is proceeding, 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,



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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, July 2022)

**Data Validation Memo**

Pace Laboratory Analytical Reports # 40253744, 40253868\_rev, 40253998

**cc:** Paul Grittner, WDNR

**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>		<b>MW-105</b>	
Ground Elevation (ft)	625.43		625.45		626.44		627.38		624.38		624.61		624.49		624.01	
Top of PVC Casing (TOC) Elevation (ft)	627.72		627.93		628.82		630.10		623.84		623.98		624.11		623.79	
Top of Screen Elevation (ft)	619.02		603.93		620.42		621.40		620.94		621.38		620.82		620.09	
Screen Length (ft)	10		2.5		10		10		10		10		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	18.7		26.5		18.4		18.7		12.9		12.6		13.29		13.7	
<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	12.96	614.76	13.78	614.15	14.18	614.64	15.59	614.51	NM	--	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	10.11	613.68
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	10.33	613.46
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	11.85	611.94
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	10.44	613.35
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	9.74	614.05
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	10.18	613.61
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	10.42	613.37

ft = feet  
<sup>A</sup> = as measured inside well  
 NI = Not Installed  
 NM = Not Measured  
 -- no elevation

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

<b>Well Number</b>	<b>MW-107</b>		<b>MW-109</b>		<b>MW-110</b>		<b>MW-111</b>		<b>MW-112</b>		<b>MW-115</b>		<b>MW-116</b>		<b>PZ-116</b>	
Ground Elevation (ft)	625.93		625.30		623.19		621.77		621.81		624.01		623.56		623.56	
Top of PVC Casing (TOC) Elevation (ft)	625.47		624.99		622.75		621.30		621.62		623.75		623.29		623.10	
Top of Screen Elevation (ft)	621.07		618.74		618.75		618.70		617.44		619.59		620.25		596.68	
Screen Length (ft)	10		10		10		10		10		10		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	14.4		16.25		14		12.6		14.18		14.16		13.04		28.92	
<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	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	11.68	613.79	13.92	611.07	6.65	616.10	7.39	613.91	4.89	616.73	5.14	618.61	7.82	615.47	8.10	615.00
6/16/2021	12.64	612.83	14.32	610.67	8.37	614.38	8.31	612.99	6.63	614.99	7.67	616.08	9.64	613.65	9.40	613.70
10/6/2021	13.82	611.65	14.48	610.51	9.52	613.23	8.95	612.35	7.54	614.08	9.81	613.94	10.47	612.82	10.27	612.83
12/15/2021	13.09	612.38	14.08	610.91	6.49	616.26	7.58	613.72	4.51	617.11	8.50	615.25	8.29	615.00	8.48	614.62
4/25/2022	11.26	614.21	3.02	621.97	2.45	620.30	5.71	615.59	2.79	618.83	5.05	618.70	3.37	619.92	5.39	617.71
7/25/2022	12.23	613.24	14.02	610.97	7.53	615.22	7.48	613.82	4.59	617.03	6.72	617.03	7.94	615.35	8.19	614.91
10/24/2022	12.30	613.17	14.09	610.90	8.47	614.28	8.25	613.05	6.49	615.13	7.54	616.21	9.51	613.78	9.43	613.67

ft = feet  
<sup>A</sup> = as measured inside well  
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 NM = Not Measured  
 -- no elevation

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

Well Number	MW-117		PZ-117		MW-206	
Ground Elevation (ft)	622.16		622.14		623.01	
Top of PVC Casing (TOC) Elevation (ft)	621.74		621.82		622.86	
Top of Screen Elevation (ft)	616.82		601.23		615.87	
Screen Length (ft)	10		2.5		10	
TOC to Bottom of Well (ft) <sup>A</sup>	14.92		23.09		16.99	
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)
12/7/2020	NM	--	NM	--	NM	--
4/5/2021	7.39	614.35	7.90	613.92	6.96	615.90
6/16/2021	9.09	612.65	9.06	612.76	7.65	615.21
10/6/2021	9.63	612.11	9.72	612.10	8.34	614.52
12/15/2021	8.24	613.50	8.23	613.59	7.91	614.95
4/25/2022	6.05	615.69	5.71	616.11	6.35	616.51
7/25/2022	8.17	613.57	7.97	613.85	7.58	615.28
1024/2022	8.98	612.76	9.12	612.70	7.75	615.11

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation

**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)	620.15		606.99		620.40		619.24		606.41		620.11	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft) <sup>A</sup>	17.4		23		16.7		16.9		21.9		17	
<b>Date</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>
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
3/21/2021	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

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation

**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)	620.88		602.89		621.41		620.82		604.76		619.98	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft) <sup>A</sup>	16.5		26.8		17.7		17.5		25.9		17.6	
<b>Date</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>
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
3/21/2021	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

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation

**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)	619.94		606.73		619.90		606.15		620.33		631.18	
Screen Length (ft)	10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	17.1		22.5		17.1		22.8		18			
<b>Date</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>
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
3/21/2021	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

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation



**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)	619.32		605.48		620.33		606.46		620.10		607.10		616.73		603.85	
Screen Length (ft)	10		2		10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	17		23		17		22.9		16.7		21.7		17.3		22.8	
<b>Date</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>
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
3/21/2021	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

ft = feet  
<sup>A</sup> = as measured inside well  
 NI = Not Installed  
 NM = Not Measured  
 -- no elevation

**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>	
Ground Elevation (ft)	626.06		625.52		625.62		624.95		624.81		624.38		623.51	
Top of PVC Casing (TOC) Elevation (ft)	628.22		627.89		627.74		627.38		627.21		627.67		623.15	
Top of Screen Elevation (ft)	620.52		620.09		606.24		619.38		604.81		615.97		619.64	
Screen Length (ft)	10		10		2.5		10		2.5		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	17.7		17.8		24		18		24.9		21.7		13.51	
<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	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
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
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
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
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
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	--
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	--
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	--
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
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
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

ft = feet

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

Ni = Not Installed

NM = Not Measured

-- no elevation

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

<b>Well Number</b>	<b>MW-114</b>		<b>PZ-118</b>	
Ground Elevation (ft)	623.06		622.64	
Top of PVC Casing (TOC) Elevation (ft)	622.57		622.33	
Top of Screen Elevation (ft)	619.14		602.99	
Screen Length (ft)	10		2.5	
TOC to Bottom of Well (ft) <sup>A</sup>	13.43		21.84	
<b>Date</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>	<b>Depth to GW from TOC (ft)</b>	<b>Groundwater Elevation (ft)</b>
12/7/2020	8.43	614.14	8.77	613.56
4/5/2021	8.22	614.35	7.42	614.91
6/16/2021	8.50	614.07	8.91	613.42
10/6/2021	9.01	613.56	9.76	612.57
12/15/2021	8.89	613.68	8.24	614.09
12/30/2021	8.04	614.53	8.30	614.03
1/31/2022	8.90	613.67	9.33	613.00
2/28/2022	8.09	614.48	8.48	613.85
4/25/2022	5.40	617.17	5.24	617.09
7/25/2022	7.62	614.95	8.04	614.29
10/24/2022	7.46	615.11	8.71	613.62

ft = feet

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

NI = Not Installed

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)	617.55		601.86		619.03		603.28		618.45		604.07	
Screen Length (ft)	10		2.5		10		2.5		10		2	
TOC to Bottom of Well (ft) <sup>A</sup>	17.7		26.1		17.6		26.2		17.7		24.2	
<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

ft = feet

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

NI = Not Installed

NM = Not Measured

-- no elevation

**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-79</b>		<b>MW-80</b>		<b>MW-81</b>		<b>MW-82</b>		<b>PZ-82</b>		<b>MW-44</b>		<b>MW-108</b>	
Ground Elevation (ft)	624.24		624.88		624.21		624.63		625.10		625.10		624.86		624.00	
Top of PVC Casing (TOC) Elevation (ft)	627.63		624.62		623.81		624.35		624.89		624.89		624.54		623.83	
Top of Screen Elevation (ft)	614.64		617.89		617.00		617.39		618.00		618.00		620.07		619.73	
Screen Length (ft)	10		10		10		10		10		2		10		10	
TOC to Bottom of Well (ft) <sup>A</sup>	22.99		16.5		16.5		16.5		16.5		24.31		14.47		14.1	
<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	15.39	612.24	NM	--	NM	--	NM	--	NM	--	NI	--	11.57	608.50	8.53	611.20
4/5/2021	14.04	613.59	9.44	615.18	6.18	617.63	9.16	615.19	10.69	614.20	NI	--	10.49	609.58	4.76	614.97
6/16/2021	14.94	612.69	10.10	614.52	7.02	616.79	10.72	613.63	16.04	608.85	NI	--	11.36	608.71	9.34	610.39
10/6/2021	15.72	611.91	11.06	613.56	8.65	615.16	11.73	612.62	12.65	612.24	12.75	612.14	12.21	607.86	10.09	609.64
12/8/2021	16.01	611.62	11.17	613.45	8.83	614.98	11.74	612.61	12.82	612.07	12.49	605.51	12.05	608.02	9.07	610.66
12/15/2021	15.42	612.21	10.68	613.94	7.39	616.42	10.75	613.60	12.27	612.62	11.98	612.91	11.65	608.42	7.14	612.59
1/12/2022	14.80	612.83	10.24	614.38	7.44	616.37	10.65	613.70	11.81	613.08	11.78	613.11	11.56	608.51	NM	--
2/7/2022	14.93	612.70	10.82	613.80	8.57	615.24	10.98	613.37	12.01	612.88	11.50	613.39	12.15	607.92	8.48	611.25
4/25/2022	13.45	614.18	6.61	618.01	3.19	620.62	7.19	617.16	9.32	615.57	10.75	614.14	10.02	610.05	3.02	616.71
7/25/2022	14.47	613.16	8.56	616.06	4.23	619.58	9.18	615.17	10.55	614.34	10.71	614.39	10.40	609.67	7.64	612.09
10/24/2022	15.76	611.87	10.45	614.17	7.82	615.99	11.39	612.96	12.36	612.53	11.78	613.11	12.41	607.66	9.27	610.46

ft = feet

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

Well elevations and coordinates updated for all wells on this table in December 2020.

NI = Not Installed

NM = Not Measured

-- no elevation

Note: 5-17-18 the cap on MW-80 was loose and asphalt/gravel was obtained during purging.

**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
<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
<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
<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
<b>MW-101</b>	01/23/12	7.68	4.28	3.50	0.756	8.8
	05/20/14	6.95	2.8	-156.30	1.454	14.07
	09/29/14	7.27	0.81	34.80	1.34	20.46
	12/05/14	7.3	1.22	-19	1.26	12.1
	09/22/15	7.29	2.19	29.2	1.411	20.62
	04/15/16	7.51	4.75	2.8	1.383	9.73
	11/28/16	7.26	1.23	11.2	1.481	13.14
	05/16/18	8.98	4.3	-75.4	1.514	12.75
	10/17/18	7.18	2.41	82.6	1.289	15.61
	04/16/19	7.15	4.74	168.07	1.490	11.26
	10/08/19	7.37	2.15	193.9	1.218	18.83
	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	
<b>MW-102</b>	01/26/12	7.09	0.67	-74.20	1.214	9.09
	05/16/14	6.98	3.56	-48.50	2.320	8.98
	09/29/14	7.01	0.14	-77.10	1.345	19.52
	12/04/14	7.29	0.39	-56.3	1.509	11.35
	03/25/15	7.23	0.54	-23.3	1.38	5.87
	09/24/15	7.05	0.71	-47.2	1.617	18.76
	04/15/16	7.31	0.47	38.2	2.414	9.28
	11/29/16	7.53	0.54	148	1.245	15.01
	05/16/18	7.35	7.36	38.10	1.829	11.87
	10/17/18	7.19	0.68	13.80	0.891	15.21
	04/16/19	8.09	2.10	60.6	3.176	9.61
	10/08/19	7.08	2.20	141.7	0.801	19.11
	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	

**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)	
MW-103	05/16/18	9.15	2.35	-83.60	1.221	12.20	
	10/17/18	NM	0.4	439.60	1.463	17.21	
	04/16/19	8.31	1.44	39.40	0.828	8.61	
	10/08/19	6.94	0.61	64.20	1.145	19.79	
	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		
MW-105	01/24/12	6.89	0.38	-87.00	2.997	11.06	
	05/20/19	6.48	0.47	-237.20	3.898	13.43	
	09/30/14	7.08	0.14	-62.10	2.787	16.75	
	12/05/14	6.70	0.6	-53.10	2.368	12.78	
	09/22/15	7.09	0.7	-9.10	0.899	18.25	
	04/14/16	6.91	2.68	-23.10	2.731	9.42	
	11/28/16	6.79	0.61	-90.50	1.845	13.23	
	05/16/18	7.02	1.19	-96.70	1.893	13.72	
	10/17/18	6.71	0.11	-41.00	2.254	15.18	
	04/16/19	9.10	0.3	-20.30	1.408	9.23	
	10/08/19	6.84	0.08	-56.80	1.978	16.63	
	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		
MW-107	05/16/18	9.36	1.43	-84.40	0.940	11.84	
	10/17/18	6.63	0.3	-31.20	1.488	16.73	
	04/16/19	8.39	0.61	31.10	0.914	9.70	
	10/08/19	6.89	0.49	-29.50	1.176	17.99	
	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	
MW-109	06/05/14	6.23	0.44	-26.20	0.831	11.59	
	09/23/14	7.01	0.45	151.00	1.244	15.00	
	12/05/14	6.7	0.75	-63.70	1.303	12.41	
	09/23/15	7.05	0.34	-89.00	1.737	15.13	
	04/15/16	7.21	0.64	11.40	1.641	10.83	
	11/29/16	7.39	0.82	-1.80	1.326	13.82	
	05/17/18	7.04	0.41	-35.20	0.924	12.05	
	10/18/18	7.03	0.38	-100.10	0.895	14.03	
	04/16/19	8.66	0.12	4.30	0.597	9.96	
	10/08/19	6.90	1.34	-43.40	1.195	14.89	
	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		
MW-110	05/22/14	7.02	9.23	59.00	0.538	10.15	
	09/23/14	7.25	0.6	165.00	0.755	17.50	
	12/05/14	7.26	2.7	-2.00	0.639	11.57	
	09/23/15	7.05	0.68	239.00	0.557	23.82	
	04/14/16	7.51	9.57	21.10	0.598	8.69	
	11/29/16	7.59	1.95	108.00	0.498	14.39	
	05/17/18	7.26	9.19	105.60	0.436	10.90	
10/18/18	7.99	6.51	55.60	0.762	16.60		

**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)	
MW-110	04/16/19	8.46	4.26	55.50	1.956	8.05	
	10/08/19	7.05	5.53	158.50	1.739	17.42	
	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	
MW-111	05/21/14	7.05	1.81	74.30	0.977	10.83	
	09/23/14	7.29	0.69	180.00	0.634	18.10	
	12/05/14	7.3	1.38	-7.80	0.605	12.12	
	09/23/15	7.88	0.75	169.00	0.449	22.68	
	04/14/16	7.74	2.02	22.00	0.527	9.06	
	11/29/16	7.23	3.82	64.70	0.34	14.16	
	05/17/18	7.15	0.76	153.90	0.686	11.63	
	10/18/18	6.9	0.2	-111.00	0.930	14.47	
	04/16/19	8.31	3.64	59.20	1.977	8.28	
	10/08/19	7.00	0.13	-23.60	1.038	17.86	
	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	
MW-112	11/03/11	6.85	0.5	-2.50	2.661	15.52	
	05/21/14	7.19	0.74	43.10	2.699	11.28	
	09/24/14	7.05	0.5	68.40	2.26	17.78	
	12/05/14	7.25	3.69	-11.3	1.124	10.85	
	09/22/15	7.18	3.55	4	1.482	17.92	
	04/15/16	7.41	3.08	-13.7	1.49	9.07	
	11/29/16	7.36	4	59.7	0.73	13.97	
	05/17/18	7.11	2.29	174.1	1.208	12.15	
	10/18/18	7.08	1.13	-13.6	1.676	14.94	
	04/16/19	7.01	2.41	207.0	1.381	10.28	
	10/08/19	7.06	2.37	27.9	1.790	18.24	
	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	
MW-115	08/18/11	7.48	1.61	-14.00	0.985	17.97	
	05/28/14	6.37	6.38	-144.70	1.191	9.94	
	09/29/14	7.07	1.17	105.10	0.808	17.44	
	12/04/14	7.21	3.55	-15.7	0.715	10.84	
	09/22/15	7.08	1.98	71.8	0.941	18.06	
	04/15/16	7.57	5.24	180.7	0.731	8.16	
	11/28/16	7.17	3.66	85.7	0.731	12.9	
	05/16/18	7.16	5.67	48.9	0.861	11.56	
	10/17/18	6.96	3.8	24.3	0.888	15.73	
	04/16/19	7.13	6.04	26.45	1.089	8.79	
	10/09/19	6.81	2.16	195	0.977	18.17	
	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



**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-116</b>	11/08/11	6.41	1.44	-25.80	0.776	13.67
	05/22/14	6.77	3.18	67.30	0.649	9.32
	09/23/14	7.07	0.39	151.00	0.808	15.20
	12/02/14	7	0.88	11.1	0.642	10.45
	09/23/15	6.86	2.06	45.9	0.993	15.79
	04/14/16	7.32	6.16	64.7	0.761	9.11
	11/29/16	7.23	1.59	156.2	0.682	13.25
	05/17/18	6.97	7.18	124.9	0.529	10.84
	10/18/18	6.85	1.99	-39.9	0.884	14.62
	04/17/19	7.56	4.46	68.4	0.537	7.49
	10/08/19	6.95	2.78	128.9	0.861	15.96
	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	
<b>PZ-116</b>	11/08/11	6.23	0.4	-58.50	1.808	12.23
	05/22/14	6.98	0.29	38.50	2.01	11.63
	09/23/14	7.11	0.25	165.00	2.05	14.40
	12/02/14	7.06	0.24	-79.6	1.714	10.36
	09/23/15	6.96	0.26	-104.8	2.46	13.68
	04/14/16	7.03	0.99	-41.1	2.564	10.74
	11/29/16	6.97	0.75	-102.8	0.792	12.47
	05/17/18	6.97	0.4	-27.2	1.838	11.62
	10/18/18	6.93	0.8	-98.8	2.338	14.22
	04/17/19	8.00	0.38	-2.4	1.865	10.23
	10/08/19	6.97	0.1	-66.3	2.387	13.38
	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	
<b>MW-117</b>	05/21/14	6.91	2.73	42.30	1.237	12.10
	09/24/14	7.09	0.61	51.80	1.253	15.94
	12/04/14	6.81	0.28	-48.30	1.202	12.6
	03/24/15	7.15	2.69	-9.40	1.033	7.71
	09/23/15	6.99	0.5	-102.60	1.276	16.55
	04/14/16	7.15	1.3	-44.70	1.065	9.52
	11/29/16	7.13	0.7	-67.60	0.887	14.58
	05/17/18	7.05	3.02	34.20	0.849	11.74
	10/18/18	7.86	0.18	-51.40	0.892	14.93
	04/17/19	6.93	2.80	35.96	1.413	8.30
	10/08/19	7.04	0.10	-52.40	0.936	15.62
	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	

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

<b>Well Name</b>	<b>Sample Date</b>	<b>pH Units</b>	<b>Dissolved Oxygen (mg/L)</b>	<b>ORP (mV)</b>	<b>Conductivity (mS/cm)</b>	<b>Temperature (°C)</b>
<b>PZ-117</b>	05/21/14	6.98	0.11	-12.00	0.882	11.48
	09/24/14	7.05	0.43	-44.00	1.501	14.53
	12/04/14	6.9	0.48	-33.10	1.188	12.52
	03/24/15	7.3	0.54	-44.40	0.443	8.22
	09/23/15	6.94	0.3	-116.10	1.635	14.52
	04/14/16	7.31	0.54	-18.90	1.692	11
	11/29/16	7.49	0.41	-42.70	1.353	13.7
	05/17/18	7.05	0.51	-13.50	1.042	12.41
	10/18/18	7.71	0.35	-13.60	1.283	13.66
	04/17/19	NM	NM	NM	NM	NM
	10/08/19	7.05	0.09	-13.80	1.387	14.55
	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 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
1	PZ-2101	12/09/20	7.07	NM	-76.6	2.517	14.09	740.99
		04/09/21	7.30	0.74	79.5	2.923	11.44	NM
		02/24/22	6.67	0.24	-75.3	7.314	8.06	12.99
		03/23/22	6.84	0.39	95.4	7.757	10.97	2.51
		04/27/22	4.62	0.01	-1122.8	6.734	18.19	82.92
		07/27/22	6.24	0.08	-137.9	8.111	15.65	12.77
		10/02/22	6.28	0.04	-160.5	5.124	14.15	44.84
1	MW-2102	12/15/20	6.96	NM	-77.8	1.502	12.62	71.06
		04/08/21	6.85	0.16	-16.3	1.448	10.66	47.01
		02/22/22	6.22	0.18	-103.7	3.237	7.73	7.54
		03/22/22	6.50	0.09	-25.1	2.689	7.76	19.91
		04/27/22	6.50	0.11	208.8	2.396	7.19	6.77
		07/25/22	5.92	0.06	-151.1	2.129	17.76	5.05
		10/27/22	6.10	NM	-92.3	1.851	15.15	11.41
1	MW-2103	12/14/20	7.00	0.06	-39.6	1.313	10.72	3.92
		04/08/21	7.21	0.07	-48.3	1.325	9.70	10.66
		02/23/22	6.82	0.23	-83.3	3.526	5.95	24.63
		03/22/22	7.13	0.09	-141.1	2.439	8.06	7.98
		04/27/22	6.94	NM	-122.2	3.657	7.73	3.72
		07/27/22	6.48	0.01	-183.1	2.060	17.08	20.35
		10/27/2022	6.93	0.07	-158.1	1.100	16.42	56.96
1	PZ-2103	12/14/20	7.18	4.90	80.4	1.672	11.60	1.40
		04/09/21	7.43	2.83	126.4	2.062	11.15	NM
		02/24/22	6.74	0.11	-94.3	10.600	8.45	265.06
		04/07/22	7.04	0.27	-128.8	23.611	8.69	91.61
		05/05/22	7.05	0.19	-141.9	31.987	10.01	26.70
		07/27/22	6.75	0.00	-328.9	28.045	16.90	36.62
		10/27/22	6.65	0.01	-302.1	23.768	14.77	154.83
1	MW-2104	12/14/20	6.86	0.00	-63.1	2.676	12.54	26.42
		04/08/21	7.08	0.16	-70.5	2.461	10.26	9.56
		02/23/22	6.98	0.26	-27.0	1.539	7.81	21.61
		03/21/22	6.91	0.14	-15.3	1.231	10.26	18.04
		04/27/22	7.08	0.13	170.2	1.572	7.97	175.17
		07/25/22	6.68	0.03	-67.6	1.255	16.00	19.19
		10/24/22	7.25	0.09	-1368.0	1.328	16.57	30.71
1	MW-2105	12/14/20	7.01	0.11	-71.9	1.885	9.93	14.48
		04/08/21	7.11	0.17	-61.3	1.621	10.31	1.91
		02/23/22	7.20	0.16	-81.9	2.270	7.77	11.58
		03/23/22	7.10	0.17	63.0	1.726	9.13	9.43
		04/26/22	7.34	0.52		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

**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
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
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
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
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
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
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

**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
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		
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
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
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
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
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

**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
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
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
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
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

mg/l = milligrams per liter mV = millivolts

NM = Not Measured °C= degrees Celcius

mS/cm = microSiemens per centimeter

ntu = Nephelometric Turbidity Units

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

Treatment Area	Well Name	Sample Date	pH 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		
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		
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		
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		

**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
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
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
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
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

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
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
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
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
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
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

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		
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		
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		
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		

**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		
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		
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		
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

mg/l = milligrams per liter    mV = millivolts    mS/cm = microSiemens per centimeter  
 NM = Not Measured    °C= degrees Celcius    ntu = Nephelometric Turbidity Units

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2101	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>19</u>
1	MW-2101	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.70 <sup>J</sup>
1	MW-2101	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>7.6</u>
1	MW-2101	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	6
1	MW-2101	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.30 <sup>J</sup>	< 0.42	< 1.4	< 1.2	2.7
1	MW-2101	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2101	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.41 <sup>J</sup>	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2101	12/9/2020	< 136	< 122	< 140	< 420	< 437	< 353	< 314	< 123	< 182	< 671	< 637	<b>17600</b>
1	PZ-2101	4/9/2021	< 148	< 291	< 146	< 224	< 179	< 163	< 176	< 148	< 208	< 690	< 591	<b>11700</b>
1	PZ-2101	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>9410</b>
1	PZ-2101	3/23/2022	< 185	< 364	< 182	< 280	< 223	< 204	< 219	< 185	< 260	< 862	< 739	<b>13400</b>
1	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	<b>22000</b>
1	PZ-2101	7/26/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	<b>51200</b>
1	PZ-2101	10/27/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	<b>60000</b>
1	MW-2102	12/15/2020	< 1.4	< 1.2	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	<b>317</b>
1	MW-2102	4/8/2021	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	<b>194</b>
1	MW-2102	2/22/2022	0.77 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>157</b>
1	MW-2102	3/22/2022	1.4 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.86<sup>J</sup></u>	< 0.83	< 2.8	< 2.4	<b>220</b>
1	MW-2102	4/27/2022	1.1 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>1.1<sup>J</sup></u>	< 0.83	< 2.8	< 2.4	<b>85.9</b>
1	MW-2102	7/25/2022	0.91 <sup>J</sup>	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.85<sup>J</sup></u>	< 0.83	< 2.8	< 2.4	<b>327</b>
1	MW-2102	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	<b>192</b>
1	MW-2103	12/14/2020	< 1.4	<u>2.9<sup>J</sup></u>	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	<b>1390</b>
1	MW-2103	4/23/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1280</b>
1	MW-2103	2/23/2022	< 3.0	<b>71</b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>10200</b>
1	MW-2103	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>6810</b>
1	MW-2103	4/27/2022	< 5.9	<b>13.2<sup>J</sup></b>	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>3330<sup>J</sup></b>
1	MW-2103	7/26/2022	< 5.9	<b>24.1</b>	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>5770</b>
1	MW-2103	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	<b>329</b>

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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	MW-2101	12/9/2020	< 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
1	MW-2101	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.35</u> <sup>J</sup>	<b>1.7</b>	< 1.0
1	MW-2101	2/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.45</u> <sup>J</sup>	< 0.17	< 1.0
1	MW-2101	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.34</u> <sup>J</sup>	<b>2.8</b>	< 1.0
1	MW-2101	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	7/26/2022	< 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
1	MW-2101	10/27/2022	< 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
1	PZ-2101	12/9/2020	< 159	< 290	< 354	< 405	< 424	< 163	< 135	< 232	<b>40300</b>	<b>258</b> <sup>J</sup>	< 750
1	PZ-2101	4/9/2021	< 163	< 160	< 429	< 173	< 212	< 204	< 144	< 264	<b>24400</b>	<b>153</b> <sup>J</sup>	< 524
1	PZ-2101	2/24/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	< 52.8	<b>11800</b>	<b>143</b>	< 105
1	PZ-2101	3/23/2022	< 203	< 200	< 536	< 216	< 265	< 255	< 180	< 330	<b>64200</b>	<b>134</b> <sup>J</sup>	< 655
1	PZ-2101	4/27/2022	< 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
1	PZ-2101	7/26/2022	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	<b>70300</b>	<b>2780</b>	< 1050
1	PZ-2101	10/27/2022	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	<b>77500</b>	<b>13700</b>	< 1050
1	MW-2102	12/15/2020	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	<u>2.5</u> <sup>J</sup>	< 1.3	<b>218</b>	< 7.5
1	MW-2102	4/8/2021	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	<u>2.3</u> <sup>J</sup>	< 1.3	<b>222</b>	< 4.2
1	MW-2102	2/22/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>151</b>	< 2.1
1	MW-2102	3/22/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	<u>1.3</u> <sup>J</sup>	< 0.64	<b>169</b>	< 2.1
1	MW-2102	4/27/2022	< 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
1	MW-2102	7/25/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	<u>1.6</u> <sup>J</sup>	<u>0.87</u> <sup>J</sup>	<b>144</b>	< 2.1
1	MW-2102	10/27/2022	< 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
1	MW-2103	12/14/2020	< 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
1	MW-2103	4/23/2021	< 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
1	MW-2103	2/23/2022	< 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
1	MW-2103	3/22/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	<b>111</b>	< 32.0	<b>539</b>	< 105
1	MW-2103	4/27/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>94.3</u> <sup>J</sup>	<u>7.2</u> <sup>J</sup>	<b>450</b>	< 21.0
1	MW-2103	7/26/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>92.0</u> <sup>J</sup>	< 6.4	<b>1090</b>	< 21.0
1	MW-2103	10/27/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	<u>4.3</u> <sup>J</sup>	< 1.6	<b>2180</b>	< 5.2

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

			Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	
			ES	850	7	5	480	480	600	600	5	0.6	400	6	70	
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Treatment Area	Sample Location	Sample Date														
1	MW-2103 DUP	12/14/2020	< 1.4	<u>3.7</u> <sup>J</sup>	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	<b>1500</b>		
1	MW-2103 DUP	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1190</b>		
1	MW-2103 DUP	2/23/2022	< 3.0	<b>64.5</b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>9210</b>		
1	MW-2103 DUP	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>6710</b>		
1	MW-2103 DUP	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>2280</b> <sup>J</sup>		
1	MW-2103 DUP	7/26/2022	< 5.9	<b>20.8</b>	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>4960</b>		
1	MW-2103 DUP	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	<b>353</b>		
1	PZ-2103	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796	<b>10300</b>		
1	PZ-2103	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480	<b>10800</b>		
1	PZ-2103	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>3310</b>		
1	PZ-2103	4/7/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	<b>5370</b>		
1	PZ-2103	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>4160</b>		
1	PZ-2103	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>14300</b>		
1	PZ-2103	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390	<b>11400</b>		
1	PZ-2103 DUP	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796	<b>9920</b>		
1	PZ-2103 DUP	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480	<b>12000</b>		
1	PZ-2103 DUP	2/24/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>3130</b>		
1	PZ-2103 DUP	4/7/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>4550</b>		
1	PZ-2103 DUP	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>4290</b>		
1	PZ-2103 DUP	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	<b>12200</b>		
1	PZ-2103 DUP	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390	<b>12800</b>		

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

			Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	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
Treatment Area	Sample Location	Sample Date												
1	MW-2103 DUP	12/14/2020	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 4.2	< 1.6	< 1.3	<u>98.7</u>	<b>1130</b>	<b>257</b>	< 7.5
1	MW-2103 DUP	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 4.1	< 2.9	<u>71.5</u>	<b>402</b>	<b>270</b>	< 10.5
1	MW-2103 DUP	2/23/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 4.1	< 2.9	<b>118</b>	<b>183</b>	<b>233</b>	< 10.5
1	MW-2103 DUP	3/22/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 40.9	< 28.8	<b>124</b>	< 32.0	<b>311</b>	< 105
1	MW-2103 DUP	4/27/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 8.2	< 5.8	<u>69.0</u> <sup>J</sup>	< 6.4	<b>513</b>	< 21.0
1	MW-2103 DUP	7/26/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 8.2	< 5.8	<u>61.4</u> <sup>J</sup>	< 6.4	<b>1230</b>	< 21.0
1	MW-2103 DUP	10/27/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 2.0	< 1.4	4.3 <sup>J-</sup>	< 1.6	<b>2350</b>	< 5.2
1	PZ-2103	12/14/2020	< 199	< 363	< 443	< 507	< 530	< 530	< 204	< 168	<b>957</b> <sup>J</sup>	<b>176000</b>	< 109	< 938
1	PZ-2103	4/9/2021	< 406	< 399	< 1070	< 432	< 530	< 530	< 511	< 360	<b>754</b> <sup>J</sup>	<b>173000</b>	< 218	< 1310
1	PZ-2103	2/24/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 40.9	< 28.8	<b>161</b>	<b>15800</b>	<b>50.3</b> <sup>J</sup>	< 105
1	PZ-2103	4/7/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 40.9	< 28.8	<b>115</b>	<b>52200</b>	<b>75.6</b>	< 105
1	PZ-2103	5/5/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 81.7	< 57.6	< 106	<b>32000</b>	< 34.9	< 210
1	PZ-2103	7/26/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 81.7	< 57.6	< 106	<b>35300</b>	<b>65.7</b> <sup>J</sup>	< 210
1	PZ-2103	10/27/2022	< 2030	< 2000	< 5360	< 2160	< 2650	< 2650	< 2550	< 1800	< 3300 <sup>UJ</sup>	<b>268000</b>	< 1090	< 6550
1	PZ-2103 DUP	12/14/2020	< 199	< 363	< 443	< 507	< 530	< 530	< 204	< 168	<b>898</b> <sup>J</sup>	<b>180000</b>	< 109	< 938
1	PZ-2103 DUP	4/9/2021	< 406	< 399	< 1070	< 432	< 530	< 530	< 511	< 360	<b>777</b> <sup>J</sup>	<b>201000</b>	< 218	< 1310
1	PZ-2103 DUP	2/24/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 81.7	< 57.6	<b>155</b> <sup>J</sup>	<b>14500</b>	< 34.9	< 210
1	PZ-2103 DUP	4/7/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 81.7	< 57.6	< 106	<b>22400</b>	<b>72.6</b>	< 210
1	PZ-2103 DUP	5/5/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 81.7	< 57.6	<b>133</b> <sup>J</sup>	<b>32400</b>	< 34.9	< 210
1	PZ-2103 DUP	7/26/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 81.7	< 57.6	< 106	<b>29800</b>	<b>56.3</b> <sup>J</sup>	< 210
1	PZ-2103 DUP	10/27/2022	< 2030	< 2000	< 5360	< 2160	< 2650	< 2650	< 2550	< 1800	< 3300 <sup>UJ</sup>	<b>252000</b>	< 1090	< 6550

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Treatment Area	Sample Location	Sample Date													
1	MW-2104	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	5.4	
1	MW-2104	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.6	
1	MW-2104	2/23/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.9	
1	MW-2104	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.5	
1	MW-2104	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.6	
1	MW-2104	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.6	
1	MW-2104	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.9	
1	MW-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	<u>2</u>	< 0.36	< 1.3	< 1.3	<u>12.9</u>	
1	MW-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.9</u>	< 0.42	< 1.4	< 1.2	3.9	
1	MW-2105	2/23/2022	< 0.30	< 0.58	< 0.29	1.5	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.9	
1	MW-2105	3/23/2022	0.95 <sup>J</sup>	< 0.58	< 0.29	0.72 <sup>J</sup>	< 0.36	< 0.33	< 0.35	0.36 <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>70.6</b>	
1	MW-2105	4/26/2022	0.97 <sup>J</sup>	< 0.58	< 0.29	9.1	1.1	< 0.33	< 0.35	<u>1.3</u>	< 0.42	< 1.4	< 1.2	<u>21.9</u>	
1	MW-2105	7/26/2022	< 0.30	< 0.58	< 0.29	1.6	< 0.36	< 0.33	< 0.35	0.33 <sup>J</sup>	< 0.42	< 1.4	< 1.2	<u>44.8</u>	
1	MW-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5	
1	PZ-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	2.8	
1	PZ-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.6	
1	PZ-2105	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.2	
1	PZ-2105	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.3	
1	PZ-2105	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.4	
1	PZ-2105	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.98 <sup>J</sup>	
1	PZ-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.1	
1	MW-2106	12/14/2020	< 5.5	< 4.9	< 5.6	< 16.8	< 17.5	< 14.1	< 12.6	< 4.9	< 7.3	27.6 <sup>J</sup>	< 25.5	<b>237</b>	
1	MW-2106	4/8/2021	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<u>68.5</u>	
1	MW-2106	2/21/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	32.0 <sup>J</sup>	< 23.7	<b>713</b>	
1	MW-2106	3/21/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	53.3 <sup>J</sup>	< 23.7	<b>350</b>	
1	MW-2106	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>224</b>	
1	MW-2106	7/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>128</b>	
1	MW-2106	10/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>87.2</b>	



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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	MW-2104	12/14/2020	< 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
1	MW-2104	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.53 <sup>J</sup>	< 0.32	0.57 <sup>J</sup>	< 1.0
1	MW-2104	2/23/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.38 <sup>J</sup>	0.60 <sup>J</sup>	< 1.0
1	MW-2104	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.59 <sup>J</sup>	< 0.32	0.90 <sup>J</sup>	< 1.0
1	MW-2104	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	0.80 <sup>J+</sup>	< 1.0
1	MW-2104	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.61 <sup>J</sup>	0.39 <sup>J</sup>	0.87 <sup>J</sup>	< 1.0
1	MW-2104	10/24/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	0.94 <sup>J</sup>	< 1.0
1	MW-2105	12/14/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	3.6	2.5	4.9
1	MW-2105	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	1.4	2.4	4.8
1	MW-2105	2/23/2022	< 0.33	< 0.32	< 0.86	0.47 <sup>J</sup>	< 0.42	< 0.41	< 0.29	< 0.53	0.59 <sup>J</sup>	2.6	< 1.0
1	MW-2105	3/23/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.3	7.8	< 0.17	< 1.0
1	MW-2105	4/26/2022	< 0.33	< 0.32	1	1.2	0.98 <sup>J</sup>	< 0.41	< 0.29	0.54 <sup>J</sup>	3	5	2.6 <sup>J</sup>
1	MW-2105	7/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	9.5	2.4	< 1.0
1	MW-2105	10/24/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.51 <sup>J</sup>	3.4	< 1.0
1	PZ-2105	12/14/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	2.5	< 0.17	< 1.5
1	PZ-2105	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	1.2	< 0.17	< 1.0
1	PZ-2105	2/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.86 <sup>J</sup>	< 0.17	< 1.0
1	PZ-2105	3/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.78 <sup>J</sup>	< 0.17	< 1.0
1	PZ-2105	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.82 <sup>J</sup>	< 0.17	< 1.0
1	PZ-2105	7/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.72 <sup>J</sup>	< 0.17	< 1.0
1	PZ-2105	10/24/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	1.5	< 0.17	< 1.0
1	MW-2106	12/14/2020	< 6.4	< 11.6	< 14.2	< 16.2	< 17.0	< 6.5	< 5.4	< 9.3	< 5.1	1630	< 30.0
1	MW-2106	4/8/2021	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	1250	< 21.0
1	MW-2106	2/21/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	4480	< 21.0
1	MW-2106	3/21/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	3940	< 21.0
1	MW-2106	4/27/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	3100	< 21.0
1	MW-2106	7/26/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	2360	< 21.0
1	MW-2106	10/27/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	1720	< 21.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	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	<u>8.8</u>
1	MW-2107	4/7/2021	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	7.8 <sup>J</sup>	< 3.0	3.5
1	MW-2107	2/21/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	<u>1.9<sup>J</sup></u>	< 1.0	12.2 <sup>J</sup>	< 3.0	<u>14.2</u>
1	MW-2107	3/21/2022	0.50 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.6</u>	< 0.42	11.5	< 1.2	<u>10.1</u>
1	MW-2107	4/26/2022	3.4	< 0.58	< 0.29	< 0.45	< 0.36	0.50 <sup>J</sup>	0.39 <sup>J</sup>	<u>2.9</u>	< 0.42	20.7	< 1.2	1.6
1	MW-2107	7/25/2022	0.82 <sup>J</sup>	< 0.58	0.31 <sup>J</sup>	< 0.45	< 0.36	< 0.33	< 0.35	<u>2</u>	< 0.42	9.9	< 1.2	<u>12.3</u>
1	MW-2107	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>2.2</u>	< 0.42	12.2	< 1.2	< 0.47
1	PZ-2107	12/9/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>3680</b>
1	PZ-2107	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1150</b>
1	PZ-2107	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	<b>3.9</b>	< 1.4	<u>5.8</u>	<b>78.4</b>
1	PZ-2107	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>838</b>
1	PZ-2107	4/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>692</b>
1	PZ-2107	7/25/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>636</b>
1	PZ-2107	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1040</b>
1	MW-2108	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	0.27 <sup>J</sup>	< 0.36	< 1.3	< 1.3	< 0.27
1	MW-2108	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	0.36 <sup>J</sup>	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>87.4</b>
1	MW-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>172</b>
1	MW-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>96.8</b>
1	MW-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>105</b>
1	MW-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	0.36 <sup>J</sup>	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>39.4</u>
1	MW-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>99.6</u>
1	MW-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>85.1</b>

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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	MW-2107	12/9/2020	< 0.80	< 1.5	< 1.8	< 2.0	< 2.1	< 0.82	< 0.67	< 1.2	< 0.64	<b>293</b>	< 3.8
1	MW-2107	4/7/2021	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>533</b>	< 2.6
1	MW-2107	2/21/2022	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	<b>271</b>	< 2.6
1	MW-2107	3/21/2022	< 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
1	MW-2107	4/26/2022	< 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
1	MW-2107	7/25/2022	< 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
1	MW-2107	10/27/2022	< 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>
1	PZ-2107	12/9/2020	< 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
1	PZ-2107	4/8/2021	< 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
1	PZ-2107	2/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.6	< 0.32	<b>3.5</b>	< 1.0
1	PZ-2107	3/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	14.2	< 0.32	<b>903</b>	< 1.0
1	PZ-2107	4/26/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	14.1	< 3.2	<b>83.3</b>	< 10.5
1	PZ-2107	7/25/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	11.6	< 3.2	<b>376</b>	< 10.5
1	PZ-2107	10/27/2022	< 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
1	MW-2108	12/9/2020	2.1 <sup>J+</sup>	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	0.74 <sup>J</sup>	< 0.46	< 0.26	<b>2.3<sup>J+</sup></b>	3.4
1	MW-2108	4/7/2021	1.3 <sup>J+</sup>	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.57 <sup>J</sup>	< 0.53	< 0.32	<b>2.4<sup>J+</sup></b>	2.0 <sup>J</sup>
1	MW-2108	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>1.8</b>	< 1.0
1	MW-2108	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
1	MW-2108	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.1</b>	< 1.0
1	MW-2108	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
1	MW-2108	10/24/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>2</b>	< 1.0
1	MW-2109	12/9/2020	< 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
1	MW-2109	4/7/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.2	< 0.32	<b>51.6</b>	< 1.0
1	MW-2109	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.1	< 0.32	<b>81.1</b>	< 1.0
1	MW-2109	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.1	< 0.32	<b>77.3</b>	< 1.0
1	MW-2109	4/26/2022	< 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
1	MW-2109	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	2.2	< 0.32	<b>70.4</b>	< 1.0
1	MW-2109	10/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	1.5	< 0.32	<b>98</b>	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Treatment Area	Sample Location	Sample Date													
1	PZ-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>11.3</u>	
1	PZ-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>8.7</u>	
1	PZ-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.8	
1	PZ-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.3	
1	PZ-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.4	
1	PZ-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.4	
1	PZ-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.4	
1	MW-2110	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<u>8.4</u>	
1	MW-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.76</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	2.7	
1	MW-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>7.6</u>	
1	MW-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>8.5</u>	
1	MW-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.36</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	2.9	
1	MW-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.7	
1	MW-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>9.5</u>	
1	PZ-2110	12/8/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27	
1	PZ-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	MW-2111	12/11/2020	< 34.1	< 30.6	< 35.0	< 105	< 109	< 88.2	< 78.5	< 30.8	< 45.5	< 168	< 159	<b>742</b>	
1	MW-2111	4/8/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148	<b>579</b>	
1	MW-2111	2/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.78</u> <sup>J</sup>	< 0.42	< 1.4	< 1.2	<b>191</b>	
1	MW-2111	3/23/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	<u>1.4</u> <sup>J</sup>	< 1.7	< 5.5	< 4.7	<b>362</b>	
1	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	<u>31.3</u>	
1	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	<b>801</b>	
1	MW-2111	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	<u>1.6</u> <sup>J</sup>	< 2.1	< 6.9	< 5.9	<b>1250</b>	

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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	PZ-2109	12/9/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	<b>9.3</b>	< 1.5
1	PZ-2109	4/7/2021	< 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
1	PZ-2109	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>11.2</b>	< 1.0
1	PZ-2109	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>10</b>	< 1.0
1	PZ-2109	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.7</b>	< 1.0
1	PZ-2109	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>12.8</b>	< 1.0
1	PZ-2109	10/26/2022	< 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
1	MW-2110	12/15/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	<b>5.3</b>	< 1.5
1	MW-2110	4/7/2021	< 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
1	MW-2110	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7.8</b>	< 1.0
1	MW-2110	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>8.7</b>	< 1.0
1	MW-2110	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>5.3</b>	< 1.0
1	MW-2110	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>6.6</b>	< 1.0
1	MW-2110	10/27/2022	< 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
1	PZ-2110	12/8/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-2110	4/7/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	10/27/2022	< 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
1	MW-2111	12/11/2020	< 39.8	< 72.6	< 88.5	< 101	< 106	< 40.8	< 33.7	<b>80.9<sup>J</sup></b>	<b>8210</b>	< 21.8	< 188
1	MW-2111	4/8/2021	< 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
1	MW-2111	2/24/2022	< 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
1	MW-2111	3/23/2022	< 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
1	MW-2111	4/26/2022	<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
1	MW-2111	7/26/2022	< 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>	<b>1.3</b>	<b>13.9</b>	< 1.0
1	MW-2111	10/27/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	< 2.6	< 1.6	<b>78.6</b>	< 5.2

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-2111	12/11/2020	< 2.7	<u>3.7</u> <sup>J</sup>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>2810</b>
1	PZ-2111	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>1040</b>
1	PZ-2111	2/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>140</b>
1	PZ-2111	3/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>125</b>
1	PZ-2111	4/26/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	<b>99.1</b>
1	PZ-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<u>51.1</u>
1	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	<u>35.6</u>
1	MW-2112	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>809</b>
1	MW-2112	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>641</b>
1	MW-2112	2/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>683</b>
1	MW-2112	3/21/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>682</b>
1	MW-2112	4/26/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	<b>369</b>
1	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	<b>739</b>
1	MW-2112	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>587</b>
1	MW-2112 DUP	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	<b>761</b>
1	PZ-2112	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>1</b>
1	PZ-2112	4/8/2021	< 0.30 <sup>UJ</sup>	< 0.58 <sup>UJ</sup>	< 0.29 <sup>UJ</sup>	< 0.45	< 0.36	< 0.33 <sup>UJ</sup>	< 0.35 <sup>UJ</sup>	< 0.30 <sup>UJ</sup>	< 0.42 <sup>UJ</sup>	< 1.4 <sup>UJ</sup>	< 1.2 <sup>UJ</sup>	< 0.47 <sup>UJ</sup>
1	PZ-2112	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>0.59</b> <sup>J</sup>
1	PZ-2112	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>0.58</b> <sup>J</sup>
1	PZ-2112	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112 DUP	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>0.84</b> <sup>J</sup>

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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	PZ-2111	12/11/2020	< 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
1	PZ-2111	4/8/2021	< 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
1	PZ-2111	2/23/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	2.9	<u>1.6</u> <sup>J</sup>	<b>43.1</b>	< 2.1
1	PZ-2111	3/23/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>23.7</b>	< 2.1
1	PZ-2111	4/26/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	<b>11.2</b>	< 2.1
1	PZ-2111	7/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.41 <sup>J</sup>	<b>3.9</b>	< 1.0
1	PZ-2111	10/27/2022	< 0.33	0.4 <sup>J</sup>	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.83 <sup>J-</sup>	<u>1.2</u>	<b>4.4</b>	< 1.0
1	MW-2112	12/15/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	8.5 <sup>J</sup>	< 2.6	<b>305</b>	< 15.0
1	MW-2112	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	13.4	< 3.2	<b>282</b>	< 10.5
1	MW-2112	2/22/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	6.5 <sup>J</sup>	< 3.2	<b>407</b>	< 10.5
1	MW-2112	3/21/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	5.5 <sup>J</sup>	< 3.2	<b>440</b>	< 10.5
1	MW-2112	4/26/2022	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	3.7 <sup>J</sup>	<u>1.4</u> <sup>J</sup>	<b>301</b>	< 4.2
1	MW-2112	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	4.1	< 0.32	<b>412</b>	< 1.0
1	MW-2112	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	5.4 <sup>J</sup>	< 3.2	<b>373</b>	< 10.5
1	MW-2112 DUP	12/15/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	6.8 <sup>J</sup>	< 2.6	<b>302</b>	< 15.0
1	PZ-2112	12/15/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	0.27 <sup>J</sup>	<b>4.6</b> <sup>J</sup>	< 1.5
1	PZ-2112	4/8/2021	< 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>	<b>1.1</b> <sup>J-</sup>	< 1.0 <sup>UJ</sup>
1	PZ-2112	2/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	3/21/2022	< 0.33	<u>0.54</u> <sup>J</sup>	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>0.45</b> <sup>J</sup>	< 1.0
1	PZ-2112	10/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112 DUP	12/15/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	0.26 <sup>J</sup>	<b>1.7</b> <sup>J+</sup>	< 1.5

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Treatment Area	Sample Location	Sample Date													
1	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	<b>321</b>	
1	MW-2113	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>14</b>	
1	MW-2113	2/23/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>716</b>	
1	MW-2113	3/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>707</b>	
1	MW-2113	4/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>108</b>	
1	MW-2113	7/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<b>24.1</b>	
1	MW-2113	10/27/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	<b>269</b>	
1	PZ-2113	12/14/2020	< 27.3	< 24.5	< 28.0	< 84.1	< 87.3	< 70.5	< 62.8	< 24.6	< 36.4	< 134	< 127	<b>16000</b>	
1	PZ-2113	4/9/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148	<b>11800</b>	
1	PZ-2113	2/24/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	<b>2740</b>	
1	PZ-2113	3/23/2022	< 0.59	<b>2.5</b>	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<b>0.90<sup>J</sup></b>	< 0.83	< 2.8	< 2.4	<b>2920</b>	
1	PZ-2113	4/26/2022	< 11.8	< 23.3	< 11.7	< 17.9	< 14.3	< 13.0	< 14.0	< 11.8	< 16.6	< 55.2	< 47.3	<b>888</b>	
1	PZ-2113	7/26/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	<b>108</b>	
1	PZ-2113	10/27/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<b>0.85<sup>J</sup></b>	< 0.83	< 2.8	< 2.4	<b>40.9</b>	
1	MW-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>7.6</b>	
1	MW-2114	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	1.5 <sup>J</sup>	< 1.2	<b>9.5</b>	
1	MW-2114	2/21/2022	0.40 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.5	
1	MW-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.1	
1	MW-2114	4/26/2022	0.53 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.3	
1	MW-2114	7/25/2022	0.30 <sup>J</sup>	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.4	
1	MW-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>7.8</b>	
1	PZ-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27	
1	PZ-2114	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2114	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	<b>0.49<sup>J</sup></b>	< 1.4	<b>3.6<sup>J</sup></b>	< 0.47	
1	PZ-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2114	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	<b>0.35<sup>J</sup></b>	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2114	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	
1	PZ-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	



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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	MW-2113	12/14/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	<u>38.7</u>	<u>2.9</u>	<b>706</b>	< 1.5
1	MW-2113	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	<b>781</b>	< 10.5
1	MW-2113	2/23/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>73</u>	< 3.2	<b>1660</b>	< 10.5
1	MW-2113	3/22/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>78.2</u>	< 3.2	<b>3550</b>	< 10.5
1	MW-2113	4/26/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>25</u>	< 6.4	<b>2040</b>	< 21.0
1	MW-2113	7/26/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	10.7	< 3.2	<b>1300</b>	< 10.5
1	MW-2113	10/27/2022	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	<u>38.8</u> <sup>J</sup>	< 1.3	<b>3050</b>	< 4.2
1	PZ-2113	12/14/2020	< 31.9	< 58.1	< 70.8	< 81.1	< 84.9	< 32.6	< 26.9	<b>1760</b>	<b>5060</b>	<b>286</b>	< 150
1	PZ-2113	4/9/2021	< 40.6	< 39.9	< 107	< 43.2	< 53.0	< 51.1	< 36.0	<b>1270</b>	<b>4240</b>	<b>126</b>	< 131
1	PZ-2113	2/24/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>46.5</u>	<u>6.9</u> <sup>J</sup>	<b>359</b>	< 21.0
1	PZ-2113	3/23/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	<u>38.9</u>	<u>1.3</u> <sup>J</sup>	<b>888</b>	< 2.1
1	PZ-2113	4/26/2022	< 13.0	< 12.8	< 34.3	< 13.8	< 17.0	< 16.3	< 11.5	<u>27.7</u> <sup>J</sup>	< 12.8	<b>2090</b>	< 41.9
1	PZ-2113	7/26/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	14.7	<u>1.8</u> <sup>J</sup>	<b>835</b>	< 5.2
1	PZ-2113	10/27/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	12 <sup>J</sup>	< 0.64	<b>177</b>	< 2.1
1	MW-2114	12/14/2020	< 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
1	MW-2114	4/7/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.66 <sup>J</sup>	< 0.32	<b>7.3</b> <sup>J+</sup>	< 1.0
1	MW-2114	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.2</b>	< 1.0
1	MW-2114	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.5</b>	< 1.0
1	MW-2114	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>7</b>	< 1.0
1	MW-2114	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>3.4</b>	< 1.0
1	MW-2114	10/24/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	<b>4.1</b>	< 1.0
1	PZ-2114	12/14/2020	< 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
1	PZ-2114	4/7/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	10/24/2022	< 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	cis-1,2-Dichloro ethene	
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Treatment Area	Sample Location	Sample Date													
1	MW-61	6/15/2017	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	<b>16<sup>J</sup></b>	< 12.5	< 9.4	< 62.5	<b>1420</b>	
1	MW-61	9/13/2017	< 4.8	< 8.2	< 3.4	< 10	< 10	< 10	< 10	<b>18.8<sup>J</sup></b>	< 10	< 7.5	< 50	<b>2160</b>	
1	MW-61	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	<b>16.6<sup>J</sup></b>	< 12.5	< 9.4	< 62.5	<b>2540</b>	
1	MW-61	12/11/2020	< 2.7	<u><b>5.3<sup>J</sup></b></u>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	<b>12.4</b>	< 3.6	< 13.4	< 12.7	<b>1850</b>	
1	MW-61	4/8/2021	< 3.0	<u><b>6.0<sup>J</sup></b></u>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>11</b>	< 4.2	< 13.8	< 11.8	<b>3080</b>	
1	MW-61	2/23/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	< 3.0	<b>259</b>	
1	MW-61	3/22/2022	< 3.0	<b>13.1</b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>19.2</b>	< 4.2	< 13.8	< 11.8	<b>8570</b>	
1	MW-61	4/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	<u><b>58.8<sup>J</sup></b></u>	
1	MW-61	7/25/2022	< 3.0	<b>8.0<sup>J</sup></b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>13.1</b>	< 4.2	< 13.8	< 11.8	<b>4720</b>	
1	MW-61	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>5.6<sup>J</sup></b>	< 4.2	< 13.8	< 11.8	<b>1010</b>	
1	MW-61 DUP	6/15/2017	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	<b>19.1<sup>J</sup></b>	< 12.5	< 9.4	< 62.5	<b>1280</b>	
1	MW-61 DUP	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	<b>16.3<sup>J</sup></b>	< 12.5	< 9.4	< 62.5	<b>2560</b>	
1	MW-61 DUP	4/27/2022	< 0.30	<u><b>3.2</b></u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>154<sup>J</sup></b>	
1	MW-61 DUP	7/25/2022	< 3.0	<b>9.8<sup>J</sup></b>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>13.2</b>	< 4.2	< 13.8	< 11.8	<b>4670</b>	
1	MW-61 DUP	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	<b>7.7<sup>J</sup></b>	< 4.2	< 13.8	< 11.8	<b>1070</b>	
1	PZ-61	6/15/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125	<b>5290</b>	
1	PZ-61	9/13/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125	<b>2880</b>	
1	PZ-61	3/21/2018	< 2.4	< 4.1	< 1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 3.7	< 25	<b>1210</b>	
1	PZ-61	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	<b>0.61<sup>J</sup></b>	
1	PZ-61	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>2.3</b>	
1	PZ-61	2/21/2022	< 0.30	<b>4.6</b>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u><b>2.8</b></u>	< 0.42	< 1.4	< 1.2	<b>1230</b>	
1	PZ-61	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.30<sup>J</sup></b>	< 0.42	< 1.4	< 1.2	<b>2.2</b>	
1	PZ-61	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<b>0.31<sup>J</sup></b>	< 0.42	< 1.4	< 1.2	<b>1.7</b>	
1	PZ-61	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>2.6</b>	
1	PZ-61	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	<b>2.1</b>	

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

			Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
			PAL	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
Treatment Area	Sample Location	Sample Date												
1	MW-61	6/15/2017	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 12.5	<u>42.6</u>	<b>61.4</b>	<b>760</b>	< 37.5
1	MW-61	9/13/2017	< 10	< 4.7	< 10	< 10	< 43.7	< 10	< 10	< 10	<b>103</b>	<b>111</b>	<b>835</b>	< 30
1	MW-61	3/21/2018	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 12.5	< 6.4	<b>104</b>	<b>3280</b>	< 37.5
1	MW-61	12/11/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	< 2.7	<u>37.2</u>	<b>124</b>	<b>1150</b>	< 15.0
1	MW-61	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	<u>73.7</u>	<b>176</b>	<b>1170</b>	< 10.5
1	MW-61	2/23/2022	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 0.72	2.8	<b>13.7</b>	<b>53.1</b>	< 2.6
1	MW-61	3/22/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	<u>22.8</u>	<b>18</b>	<b>2710</b>	< 10.5
1	MW-61	4/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	< 5.3	< 3.2 <sup>UJ</sup>	<b>543</b>	< 10.5
1	MW-61	7/25/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	<u>37.2</u>	<b>168</b>	<b>3020</b>	< 10.5
1	MW-61	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	8.2 <sup>J</sup>	<b>9<sup>J</sup></b>	<b>680</b>	< 10.5
1	MW-61 DUP	6/15/2017	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 12.5	<u>44.7</u>	<b>68.6</b>	<b>752</b>	< 37.5
1	MW-61 DUP	3/21/2018	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 12.5	< 6.4	<b>116</b>	<b>3140</b>	< 37.5
1	MW-61 DUP	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.29	2.1	<b>40.5<sup>J</sup></b>	<b>707</b>	< 1.0
1	MW-61 DUP	7/25/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	<u>46.2</u>	<b>167</b>	<b>3030</b>	< 10.5
1	MW-61 DUP	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 2.9	< 5.3	<b>7<sup>J</sup></b>	<b>679</b>	< 10.5
1	PZ-61	6/15/2017	< 25	< 11.6	< 25	< 25	< 109	< 25	< 25	32.5 <sup>J</sup>	<u>78</u>	<b>251</b>	<b>272</b>	< 75
1	PZ-61	9/13/2017	< 25	< 11.6	< 25	< 25	< 109	< 25	< 25	< 25	< 12.8	<b>37.9<sup>J</sup></b>	<b>203</b>	< 75
1	PZ-61	3/21/2018	< 5	< 2.3	< 5	< 5	< 21.9	< 5	< 5	< 5	< 2.6	<u>4.2<sup>J</sup></u>	<b>81.2</b>	< 15
1	PZ-61	12/11/2020	< 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	
1	PZ-61	4/7/2021	< 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	
1	PZ-61	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.29	7	<b>31.2</b>	<b>270</b>	< 1.0
1	PZ-61	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.4	< 0.53	< 0.32	< 0.17	< 1.0	
1	PZ-61	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.5	< 0.53	< 0.32	< 0.17	< 1.0	
1	PZ-61	7/25/2022	< 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	
1	PZ-61	10/27/2022	< 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	

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene	
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70	
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7	
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	
Treatment Area	Sample Location	Sample Date													
1	PZ-75	6/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5	< 0.26	
1	PZ-75	9/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5	< 0.26	
1	PZ-75	3/22/2018	< 1.2	< 2.1	< 0.84	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 1.9	< 12.5	< 1.3	
1	PZ-75	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27	
1	PZ-75	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47	

Notes:

ug/L = micrograms per liter

= Not Analyzed

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

NE= Not Established

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

PAL - Preventive Action Limit,  
Wisconsin Administrative Code NR  
140.10 Table 1, June 2021  
exceedances are *underlined italics*.

ES - Enforcement Standard,  
Wisconsin Administrative Code NR  
140.10 Table 1, June 2021  
exceedances are **bold**.

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

		Analyte:	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	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	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
Treatment Area	Sample Location	Sample Date											
1	PZ-75	6/14/2017	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	<b>18.6</b>	< 1.5
1	PZ-75	9/14/2017	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	<b>65.1</b>	< 1.5
1	PZ-75	3/22/2018	< 2.5	< 1.2	< 2.5	< 2.5	< 10.9	< 2.5	< 2.5	< 1.3	< 1.7	<b>673</b>	< 7.5
1	PZ-75	12/11/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-75	4/8/2021	< 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

= Not Analyzed

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

NE= Not Established

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

PAL - Preventive Action Limit,  
Wisconsin Administrative Code NR  
140.10 Table 1, June 2021  
exceedances are *underlined italics*.

ES - Enforcement Standard,  
Wisconsin Administrative Code NR  
140.10 Table 1, June 2021  
exceedances are **bold**.





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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane		
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3					250	250					
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06					125	125					
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	N	N	N		
1	MW-2107	12/9/2020		0.24	< 0.0010	< 0.00024	0.0024	1.1	1	<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		
1	MW-2107	4/7/2021		0.25	< 0.0010	< 0.00024	0.0024	1.7	2.1	<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		
1	MW-2107	2/21/2022		0.18	< 0.0010	< 0.00024	0.0016	137	140	<u>0.2</u>	<u>0.2</u>	647	1250	49.4	< 2.2	< 1.2	414	163	333	3640		
1	MW-2107	3/21/2022		0.15	< 0.0010	< 0.00024	0.0021	86.6	87.6	<u>0.18</u>	<u>0.15</u>	616	995	49.2	5.1 <sup>J</sup>	< 1.2	375	152	286	4590		
1	MW-2107	4/26/2022		0.019	0.0031 <sup>J</sup>	< 0.00024	0.0017	46.7	49.7	0.41	0.46	355 <sup>J</sup>	282	28.5	1170	< 1.2	89.9	18	8.4	3030		
1	MW-2107	7/25/2022		0.051	< 0.0010	< 0.00024	0.0013	66.6	70.8	<u>0.13</u>	<u>0.12</u>	590 <sup>J</sup>	995	44.3 <sup>Ja</sup>	5.0 <sup>J</sup>	< 1.2	363	15.1	14.3	3510		
1	MW-2107	10/27/2022		0.077	< 0.0010	< 0.00024	0.0007 <sup>J</sup>	76	71.6	<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		
1	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>	431	532	< 1.2	11.9	4.2 <sup>J</sup>	42.8	72.5		
1	PZ-2107	4/8/2021		0.051	< 0.0010	< 0.00024	0.0068	< 0.058	< 0.058	0.039	0.04	314	32.7 <sup>J</sup>	428	544	< 1.2	9.5	< 1.2	6.8	17.6		
1	PZ-2107	2/22/2022		0.041	< 0.0010	< 0.00024	0.0015	1.1	0.063 <sup>J</sup>	<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		
1	PZ-2107	3/22/2022		0.049	< 0.0010	< 0.00024	0.0042	0.43	1.7	<u>0.18</u>	<u>0.19</u>	285	22.7 <sup>J</sup>	358	318	< 1.2	5.1	3.2 <sup>J</sup>	26.2	72.2		
1	PZ-2107	4/26/2022		0.047	< 0.0010	< 0.00024	0.0046	0.14 <sup>J</sup>	1.4	0.032	<u>0.067</u>	325 <sup>J</sup>	20.3 <sup>J</sup>	372	336	< 1.2 <sup>UJ</sup>	5.7	0.55 <sup>J</sup>	3.7 <sup>J</sup>	15.3		
1	PZ-2107	7/25/2022		0.052	< 0.0010	< 0.00024	0.0046	2.2	2.6	<u>0.14</u>	<u>0.16</u>	302 <sup>J</sup>	52.3	406 <sup>Ja</sup>	293	< 1.2	5.8	2.4 <sup>J</sup>	20.1	108		
1	PZ-2107	10/27/2022		0.054	< 0.0010	< 0.00024	0.0046	1.9	2	<u>0.12</u>	<u>0.12</u>	342 <sup>J</sup>	< 15.5	416	269	< 1.2	6.3	4.3 <sup>J</sup>	34.4	164		
1	MW-2108	12/9/2020		0.053	< 0.0010	< 0.00024	0.0015	0.45	0.41	<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		
1	MW-2108	4/7/2021		0.051	< 0.0010	< 0.00024	0.0033	0.41	0.62	<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		
1	MW-2108	2/21/2022		0.086	< 0.0010	< 0.00024	0.0055	0.79	0.95	<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		
1	MW-2108	3/21/2022		0.082	< 0.0010	< 0.00024	0.0062	0.72	0.91	<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		
1	MW-2109	12/9/2020		0.13	< 0.0010	< 0.00024	0.0014	0.43	0.34	<u>0.26</u>	<u>0.24</u>	520	26.0 <sup>J</sup>	377	118	< 1.2	4.4	< 1.2	1.4 <sup>J</sup>	161		
1	MW-2109	4/7/2021		0.21	< 0.0010	< 0.00024	0.00062 <sup>J</sup>	1.7	2.2	<u>0.2</u>	<u>0.21</u>	552	23.7 <sup>J</sup>	515	<u>151</u>	< 1.2	4.4	< 1.2	1.4 <sup>J</sup>	140		
1	MW-2109	2/21/2022		0.082	< 0.0010	< 0.00024	0.00096 <sup>J</sup>	2	11.6	<u>0.24</u>	0.31	415	25.0 <sup>J</sup>	372	111	< 1.2	4.6	0.50 <sup>J</sup>	3.9 <sup>J</sup>	59.4		
1	MW-2109	3/21/2022		0.077	< 0.0010	< 0.00024	0.0012	0.96	2.4	<u>0.18</u>	<u>0.22</u>	426	19.3 <sup>J</sup>	386	111	< 1.2	4.1	0.71 <sup>J</sup>	6.3	86.7		
1	PZ-2109	12/9/2020		0.27	< 0.010	< 0.00024	< 0.0028	6	5.4	<u>0.29</u>	<u>0.27</u>	429	84.3	2020	95.6	< 1.2	3.2	2.0 <sup>J</sup>	< 1.2	241		
1	PZ-2109	4/7/2021		0.23	< 0.0010	< 0.0012	0.00049 <sup>J</sup>	4.9	4.8	<u>0.24</u>	<u>0.23</u>	415	100	2160	<u>186</u>	< 1.2	3.3	< 1.2	< 1.2	144		
1	PZ-2109	2/21/2022		0.22	< 0.0010	< 0.00024	0.00034 <sup>J</sup>	5.8	7	<u>0.23</u>	<u>0.25</u>	414	65.5	2190	<u>164</u>	< 1.2	1.7	1.1 <sup>J</sup>	0.82 <sup>J</sup>	116		
1	PZ-2109	3/21/2022		0.24	0.0025 <sup>J</sup>	< 0.00024	0.00066 <sup>J</sup>	4.9	6	<u>0.24</u>	<u>0.25</u>	427	85.2	2230	<u>153</u>	< 1.2	1.7	1.2 <sup>J</sup>	1.1 <sup>J</sup>	147		
1	MW-2110	12/15/2020		0.074	< 0.0010	< 0.00024	0.0022	1.2	1.2	<u>0.29</u>	<u>0.29</u>	359	19.3 <sup>J</sup>	<u>189</u>	260	< 1.2	2.9	< 1.2	< 1.2	10.4		
1	MW-2110	4/7/2021		0.045	< 0.0010	< 0.00024	0.002	0.59	1.6	0.35	0.39	381	17.0 <sup>J</sup>	<u>174</u>	598	< 1.2	2.9	< 1.2	< 1.2	1.9 <sup>J</sup>		
1	MW-2110	2/21/2022		0.079	< 0.0010	< 0.00024	0.00056 <sup>J</sup>	1.3	2.4	0.35	0.48	322	< 14.7	<u>136</u>	351	< 1.2	2.8	< 0.39	< 0.25	2.2 <sup>J</sup>		
1	MW-2110	3/21/2022		0.087	< 0.0010	< 0.00024	0.00090 <sup>J</sup>	1.3	2.5	0.34	0.37	343	14.9 <sup>J</sup>	109	342	< 1.2	3.2	< 0.39	< 0.25	1.5 <sup>J</sup>		
1	MW-2110	4/27/2022		0.03	< 0.0010	< 0.00024	0.0045	<u>0.29</u>	0.45	<u>0.25</u>	<u>0.29</u>	402	< 15.5	119	603	< 1.2	3	< 0.39	< 0.25	< 0.58		
1	MW-2110	7/25/2022		0.075	< 0.0010	< 0.00024	0.0019	0.85	1.1	0.37	0.39	371 <sup>J</sup>	< 15.5	<u>169</u> <sup>Ja</sup>	374	< 1.2	2.8	< 0.39	< 0.25	< 0.58		
1	MW-2110	10/27/2022		0.051	< 0.0010	< 0.00024	0.0004 <sup>J</sup>	0.44	0.56	<u>0.23</u>	<u>0.19</u>	323 <sup>Ja</sup>	< 15.5	<u>194</u> <sup>J</sup>	<u>194</u>	< 1.2	3	< 0.39	< 0.25	< 1.6 <sup>U</sup>		







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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		<b>ES</b>	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3			250	250					
		<b>PAL</b>	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06			125	125					
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-61 DUP	6/15/2017	NA	NA	NA	NA	<b>2.93</b>	<b>3.1</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1	MW-61 DUP	3/21/2018	NA	NA	NA	NA	<b>2.3</b>	<b>2.24</b>	NA	NA	418	NA	<b>599</b>	32.5 <sup>J</sup>	NA	0.98	82.3	87.2	1240
1	MW-61 DUP	4/27/2022	0.11	< 0.0010	< 0.00024	0.0024	<b>1.6</b>	<b>1.8</b>	<u>0.19</u>	<u>0.17</u>	329	19.3 <sup>J</sup>	<b>335<sup>J</sup></b>	81.3	< 1.2	8.9	10	19.2 <sup>J</sup>	3250 <sup>J</sup>
1	MW-61 DUP	7/25/2022	0.13	< 0.0010	< 0.00024	0.0012	<b>2.3</b>	<b>2.4</b>	<u>0.23</u>	<u>0.23</u>	412 <sup>J-</sup>	34.7 <sup>J</sup>	<b>402<sup>J+</sup></b>	94.8	< 1.2	5.1	54.1	288	1890 <sup>J</sup>
1	MW-61 DUP	10/27/2022	0.13	< 0.0010	< 0.00024	0.0011	<b>1.6</b>	<b>1.6</b>	<u>0.21</u>	<u>0.19</u>	373 <sup>J+</sup>	39 <sup>J</sup>	<u>194</u>	<u>150<sup>J-</sup></u>	< 1.2	9.7	31.1	159	1310
1	PZ-61	6/15/2017	NA	NA	NA	NA	<b>296</b>	<b>312</b>	NA	NA	1660	NA	<b>1750</b>	< 100	NA	4840	8.3	27.1	279
1	PZ-61	9/13/2017	NA	NA	NA	NA	<b>896</b>	<b>968</b>	NA	NA	1320	NA	<b>1020</b>	13.4 <sup>J</sup>	< 1.2	5680	34.8	54	403
1	PZ-61	3/21/2018	NA	NA	NA	NA	<b>756</b>	<b>570</b>	NA	NA	1460	NA	<b>360</b>	< 20	NA	2050	9.2	68.9	4460
1	PZ-61	12/11/2020	<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>UJ</sup>	169	11.4	6.5	5760
1	PZ-61	4/7/2021	0.25	< 0.0010	< 0.00024	0.0064	<b>25</b>	<b>30.9</b>	<u>0.12</u>	<u>0.15</u>	734	208	<b>391</b>	49.5	< 1.2	37.3	17.6	2.8 <sup>J</sup>	11700
1	PZ-61	2/21/2022	0.058	< 0.0010	< 0.00024	0.0013	<b>1.3</b>	<b>2.2</b>	0.058	<u>0.063</u>	159	17.1 <sup>J</sup>	25.4	38.8	< 1.2	6.8	19.7	14.3	4230
1	PZ-61	3/21/2022	<u>0.53</u>	< 0.0020	< 0.00047	0.0044	<b>323</b>	<b>311</b>	<b>0.31</b>	<b>0.33</b>	1200	1930	<b>480</b>	< 2.2	2.6 <sup>J</sup>	718	10.8	3.8 <sup>J</sup>	3310
1	PZ-61	4/27/2022	0.11	< 0.0020	< 0.00047	0.003	<b>130</b>	<b>135</b>	<u>0.15</u>	<u>0.2</u>	465	553	<b>284</b>	< 2.2	< 1.2	115	18.4	3.3 <sup>J</sup>	11500
1	PZ-61	7/25/2022	<u>0.46</u>	< 0.0010	< 0.00024	0.0076	<b>138</b>	<b>146</b>	<u>0.28</u>	<b>0.4</b>	720 <sup>J-</sup>	380	<b>710<sup>J+</sup></b>	< 2.2	< 12.0	85.5	12.9	< 0.25	6550
1	PZ-61	10/27/2022	0.24	< 0.0010	< 0.00024	0.012	<b>95.8</b>	<b>93.3</b>	<u>0.15</u>	<u>0.17</u>	633 <sup>J+</sup>	30.5 <sup>J</sup>	<b>629</b>	7.3 <sup>J-</sup>	< 1.2	53.5	8.9	< 0.25	7180

Notes:

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

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

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

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

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

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

**Table 4A**  
**Detected Volatile Organic Compounds in Groundwater**  
**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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
			ES	200	850	7	5	70	5	100	5	0.2
			PAL	40	85	0.7	0.5	7	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
Treatment Area	Sample Location	Sample Date										
2	MW-31	5/16/2018	< 5	< 2.4	< 4.1	< 5	<u>27</u>	< 2.3	15	<b>807</b>	< 1.8	
2	MW-31	10/17/2018	< 0.98	< 1.1	<u>1.3</u> <sup>J</sup>	< 0.99	<u>17.9</u>	< 2.3	<u>9.6</u> <sup>J</sup>	<b>470</b>	< 0.7	
2	MW-31	4/16/2019	< 0.24	<u>0.31</u> <sup>J</sup>	<u>5.4</u>	< 0.25	<b>99.1</b>	< 0.58	<u>70.6</u>	<b>117</b>	<b>0.37</b> <sup>J</sup>	
2	MW-31	10/9/2019	1.1	< 0.27	< 0.24	< 0.25	1.1	< 0.58	< 1.1	<b>239</b>	< 0.17	
2	MW-31	4/15/2020	<u>0.32</u> <sup>J</sup>	< 0.27	<u>2.2</u>	< 0.25	<u>42.2</u>	< 0.58	<u>26.4</u>	<b>133</b>	< 0.17	
2	MW-31	11/4/2020	< 0.24	<u>0.39</u> <sup>J</sup>	<u>5.6</u>	< 0.25	<b>115</b>	< 0.58	<u>87.5</u>	<b>180</b>	< 0.17	
2	MW-31	4/9/2021	< 0.61	< 0.59	<u>4.3</u>	< 0.59	<b>70.7</b>	< 0.64	<u>54.5</u>	<b>92.6</b>	< 0.35	
2	MW-31	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>1.7</u> <sup>J</sup>	< 0.53	< 0.32	< 0.17	
2	MW-31	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>0.87</u> <sup>J</sup>	< 0.53	< 0.32	< 0.17	
2	MW-31	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>0.70</u> <sup>J</sup>	< 0.53	< 0.32	< 0.17	
2	MW-31	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-31	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-31	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	<u>0.39</u> <sup>J</sup>	< 0.53	< 0.32	< 0.17	
2	MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18	
2	MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17	
2	MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17	
2	MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17	
2	MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17	
2	MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17	
2	MW-113	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-113	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-113	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-113	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	3.9	< 0.23	<u>0.57</u> <sup>J</sup>	<b>10.4</b>	<b>8.6</b>	
2	MW-114	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	3.3	< 0.58	< 1.1	< 0.26	<b>14.1</b>	
2	MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.1	< 0.58	< 1.1	< 0.26	<b>10.1</b>	
2	MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	2.4	< 0.58	< 1.1	<b>6.9</b>	<b>10.9</b>	
2	MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.6	< 0.58	< 0.46	< 0.26	<b>10.4</b>	
2	MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.9	< 0.58	< 0.46	< 0.26	<b>12</b>	
2	MW-114	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.5	< 0.32	< 0.53	< 0.32	<b>13.1</b>	

**Table 4A**  
**Detected Volatile Organic Compounds in Groundwater**  
**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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
			ES	200	850	7	5	70	5	100	5	0.2
			PAL	40	85	0.7	0.5	7	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
Treatment Area	Sample Location	Sample Date										
2	MW-114	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.53	< 0.32		<b>18.7</b>
2	MW-114	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.53	< 0.32		<b>22.2</b>
2	MW-114	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.53	< 0.32		<b>32</b>
2	MW-114	4/25/2022	< 0.30	< 0.30	< 0.58	< 0.30	6.7	< 0.32	< 0.53	< 0.32		<b>62</b>
2	MW-114	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32		<b>47.6</b>
2	MW-114	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32		<b>4.3</b>
2	MW-114 DUP	5/16/2018	3.4	1.3	< 0.41	< 0.5	4.2	< 0.23	0.68 <sup>J</sup>	<b>11.5</b>		<b>7.8</b>
2	MW-114 DUP	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	3.3	< 0.58	< 1.1	< 0.26		<b>14.1</b>
2	MW-114 DUP	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	1.7	< 0.58	< 1.1	< 0.26		<b>10.7</b>
2	MW-114 DUP	10/9/2019	2.4	1.3	< 0.24	< 0.25	2.7	< 0.58	< 1.1	<b>7</b>		<b>9.6</b>
2	MW-114 DUP	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.46	< 0.26		<b>9.9</b>
2	MW-114 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.46	< 0.26		<b>10</b>
2	MW-114 DUP	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.53	< 0.32		<b>12.3</b>
2	PZ-118	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	4.7	< 0.23	< 0.26	< 0.33		<b>22.1</b>
2	PZ-118	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	5.2	< 0.58	< 1.1	< 0.26		<b>17.3</b>
2	PZ-118	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.6	< 0.58	< 1.1	< 0.26		<b>1.8</b>
2	PZ-118	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	3.9	< 0.58	< 1.1	< 0.26		<b>3.7</b>
2	PZ-118	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>12.8</u>	< 0.58	< 0.46	< 0.26		<b>4.5</b>
2	PZ-118	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>13.8</u>	< 0.58	< 0.46	< 0.26		<b>8.8</b>
2	PZ-118	4/7/2021	< 0.30	< 0.30	< 0.58	< 0.30	6.9	< 0.32	< 0.53	< 0.32		<b>3.1</b>
2	PZ-118	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	6	< 0.32	< 0.53	< 0.32		<b>1.9</b>
2	PZ-118	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	4.4	< 0.32	< 0.53	< 0.32		<b>0.83<sup>J</sup></b>
2	PZ-118	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.3	< 0.32	< 0.53	< 0.32		<b>1.9</b>
2	PZ-118	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.53	< 0.32		<b>1.6</b>
2	PZ-118	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.9	< 0.32	< 0.53	< 0.32		<b>2.4</b>
2	PZ-118	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>7</u>	< 0.32	< 0.53	< 0.32		<b>3.1</b>
2	MW-2201	12/9/2020	< 0.24	9.6	0.53 <sup>J</sup>	< 0.25	<b>289</b>	< 0.58	<u>35.3</u>	<b>16.1</b>		<b>11.6</b>
2	MW-2201	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	<b>5.7</b>		< 0.17
2	MW-2201	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	5.8	< 0.32	< 0.53	< 0.32		<b>1.6</b>

**Table 4A**  
**Detected Volatile Organic Compounds in Groundwater**  
**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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
			ES	200	850	7	5	70	5	100	5	0.2
			PAL	40	85	0.7	0.5	7	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
Treatment Area	Sample Location	Sample Date										
2	MW-2201	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>11.2</u>	< 0.32	< 0.53	< 0.32		<b>3.8</b>
2	MW-2201	2/28/2022	< 0.30	<u>0.46<sup>J</sup></u>	< 0.58	< 0.30	<u>26.3</u>	< 0.32	< 0.53	< 0.32		<b>12.7</b>
2	MW-2201	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>17.6</u>	< 0.32	< 0.53	< 0.32		<b>8.9</b>
2	MW-2201	7/26/2022	< 0.30	<b>2</b>	< 0.58	< 0.30	<b>357</b>	< 0.32	< 0.53	< 0.32		<b>316</b>
2	MW-2201	10/26/2022	< 1.5	< 1.5	< 2.9	< 1.5	<b>245</b>	< 1.6	< 2.6	< 1.6		<b>542</b>
2	MW-2201 DUP	12/9/2020	< 0.49	<b>8.6</b>	< 0.49	< 0.49	<b>276</b>	< 1.2	<u>32.6</u>	<b>13.1</b>		<b>10.5</b>
2	MW-2201 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>0.60<sup>J</sup></u>	< 0.32	< 0.53	<b>5.6</b>		< 0.17
2	MW-2201 DUP	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	<b>6.3</b>	< 0.32	< 0.53	< 0.32		<b>2.1</b>
2	MW-2201 DUP	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>11</u>	< 0.32	< 0.53	< 0.32		<b>4.2</b>
2	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	< 0.53	< 0.32		<b>12.1</b>
2	MW-2201 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>18.1</u>	< 0.32	< 0.53	< 0.32		<b>7.9</b>
2	MW-2201 DUP	7/26/2022	< 0.61	<u>1.9<sup>J</sup></u>	< 1.2	< 0.59	<b>337</b>	< 0.64	<u>1.6<sup>J</sup></u>	< 0.64		<b>279</b>
2	MW-2201 DUP	10/26/2022	< 0.61	<b>2.5</b>	< 1.2	< 0.59	<b>246</b>	< 0.64	< 1.1	< 0.64		<b>523</b>
2	MW-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>19.2</u>	< 0.58	<b>2.6</b>	< 0.26		<b>3.5</b>
2	MW-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	<u>9.4</u>	< 0.32	<b>2.2</b>	< 0.32		<b>2.8</b>
2	MW-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	<u>1.7</u>		< 0.17
2	MW-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<b>1.3</b>	< 0.32	< 0.53	<u>1.5</u>		< 0.17
2	MW-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	<b>1.7</b>	< 0.32	< 0.53	<u>1.2</u>		< 0.17
2	MW-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	<u>1.4</u>		< 0.17
2	MW-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	<u>1.1</u>		< 0.17
2	MW-2202	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>0.5<sup>J</sup></u>	< 0.32	< 0.53	<u>1</u>		< 0.17
2	PZ-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	<u>19.2</u>	< 0.58	<b>3.9</b>	< 0.26		< 0.17
2	PZ-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	<b>2.2</b>	< 0.32	< 0.53	< 0.32		< 0.17
2	PZ-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	<b>1.8</b>	< 0.32	<u>0.58<sup>J</sup></u>	<u>0.36<sup>J</sup></u>		<b>3.6</b>
2	PZ-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	<b>1.2</b>	< 0.32	<u>0.63<sup>J</sup></u>	< 0.32		<b>2</b>
2	PZ-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>0.93<sup>J</sup></u>	< 0.32	< 0.53	<u>0.67<sup>J</sup></u>		< 0.17
2	PZ-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	<u>0.73<sup>J</sup></u>	< 0.32	< 0.53	< 0.32		< 0.17
2	PZ-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32		< 0.17
2	PZ-2202	10/26/2022	< 0.30	< 0.30	< 0.58	<u>0.39<sup>J</sup></u>	< 0.47	< 0.32	< 0.53	< 0.32		< 0.17

**Table 4A**  
**Detected Volatile Organic Compounds in Groundwater**  
**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	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
			ES	200	850	7	5	70	5	100	5	0.2
			PAL	40	85	0.7	0.5	7	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
Treatment Area	Sample Location	Sample Date										
2	MW-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17	
2	MW-2203	4/9/2021	< 0.30	<b>0.35<sup>J</sup></b>	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	MW-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17	
2	PZ-2203	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	
2	PZ-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17	

Notes:

ug/L = micrograms per liter

= Not Analyzed

<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, June 2021 exceedances are *underlined italics*.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane	
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N		
2	MW-31	12/10/2020																			
2	MW-31	12/10/2020	0.026	< 0.0010	< 0.00024	0.001	< 0.058	< 0.058	0.019	0.018	399	19.3 <sup>J</sup>	6	<b>316</b>	< 1.2	6.9	< 1.2	< 1.2	52		
2	MW-31	4/9/2021	0.019	< 0.0010	< 0.00024	< 0.00028	< 0.058	< 0.058	< 0.0012	0.028	406	19.3 <sup>J</sup>	6.6	<b>308</b>	< 1.2	6.5	< 1.2	< 1.2	1.8 <sup>J</sup>		
2	MW-31	12/30/2021	0.19	< 0.0010	< 0.00024	< 0.00028	<b>48.6</b>	<b>54.2</b>	<b>0.42</b>	<b>0.52</b>	928	1770	120	15.1 <sup>J</sup>	< 1.2	628	35.1	44.8	244		
2	MW-31	1/31/2022	0.35	< 0.0010	< 0.00024	< 0.00028	<b>36.9</b>	<b>36.1</b>	<u>0.23</u>	<u>0.22</u>	944	1300	115	< 4.4	< 1.2	487	32	40.2	224		
2	MW-31	2/28/2022	<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		
2	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		
2	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		
2	MW-31	10/26/2022	<u>0.54</u>	< 0.0010	< 0.00024	< 0.00028	<b>18.6</b>	<b>17.6</b>	<u>0.097</u>	<u>0.095</u>	819 <sup>J</sup>	601	<u>145</u> <sup>J</sup>	< 2.2	< 1.2	240	32.1	37.6	5900		
2	MW-2201	12/9/2020	0.05	< 0.0010	< 0.00024	0.00036 <sup>J</sup>	<b>3.7</b>	<b>3.6</b>	<u>0.23</u>	<u>0.23</u>	365	< 14.7	33.6	<u>249</u>	< 1.2	4.4	< 1.2	< 1.2	49.8		
2	MW-2201	4/9/2021	0.033	< 0.0010	< 0.00024	0.0027	< 0.058	< 0.058	0.011 <sup>J</sup>	0.0066 <sup>J</sup>	431	23.7 <sup>J</sup>	31.8	<b>303</b>	< 1.2	7.7	< 1.2	< 1.2	< 0.66		
2	MW-2201	12/30/2021	0.084	< 0.0010	< 0.00024	< 0.00028	<b>28.4</b>	<b>28.4</b>	<u>0.17</u>	<u>0.16</u>	592	98.4	65.4	<u>152</u>	< 1.2	35.7	16.4	22.5	211		
2	MW-2201	1/31/2022	0.077	< 0.0010	< 0.00024	< 0.00028	<b>11.1</b>	<b>10.8</b>	0.048	0.05	483	197	75.7	31.1	< 1.2	73.3	10.1	22	311		
2	MW-2201	2/28/2022	0.08	< 0.0010	< 0.00024	< 0.00028	<b>10.8</b>	<b>11.6</b>	<u>0.07</u>	<u>0.1</u>	562	500	86	26.6	< 1.2	172	25.1	51.7	196		
2	MW-2201	4/26/2022	0.044	< 0.0010	< 0.00024	0.0023	<b>20.1</b>	<b>20.5</b>	<u>0.13</u>	<u>0.12</u>	508 <sup>J</sup>	25.9 <sup>J</sup>	54.5	<b>278</b>	< 1.2	6.4	1.4 <sup>J</sup>	2.6 <sup>J</sup>	127 <sup>J</sup>		
2	MW-2201	7/26/2022	0.066	< 0.0010	< 0.00024	< 0.00028	<b>6.2</b>	<b>6.2</b>	0.031	0.032	589 <sup>J</sup>	274	86.8 <sup>J</sup>	28.1 <sup>J</sup>	< 1.2	91	15.5	354	1040		
2	MW-2201	10/26/2022	0.099	0.0011 <sup>J</sup>	< 0.00024	< 0.00028	<b>7.9</b>	<b>8.8</b>	0.037	0.046	626 <sup>J</sup>	281	98.1 <sup>J</sup>	37.8	< 1.2	103	32.3 <sup>J</sup>	599	1030		
2	MW-2201 DUP	12/9/2020	0.05	0.0014 <sup>J</sup>	< 0.00024	0.00076 <sup>J</sup>	<b>3.9</b>	<b>3.7</b>	<u>0.22</u>	<u>0.22</u>	350	20.3 <sup>J</sup>	35.7	<u>249</u>	< 1.2	4.6	< 1.2	< 1.2	45.5		
2	MW-2201 DUP	4/9/2021	0.033	< 0.0010	< 0.00024	0.0026	< 0.058	<u>0.16</u> <sup>J</sup>	0.0092	0.008	432	19.3 <sup>J</sup>	31.7	<b>301</b>	< 1.2	7.7	< 1.2	< 1.2	0.79 <sup>J</sup>		
2	MW-2201 DUP	12/30/2021	0.086	< 0.0010	< 0.00024	< 0.00028	<b>28.3</b>	<b>30</b>	<u>0.17</u>	<u>0.17</u>	605	103	65.2	<u>152</u>	< 1.2	41.8	15.6	21.5	195		
2	MW-2201 DUP	1/31/2022	0.075	< 0.0010	< 0.00024	< 0.00028	<b>11.1</b>	<b>10.8</b>	0.046	0.046	490	197	75.6	28.6	< 1.2	72.9	14.2	30.5	205		
2	MW-2201 DUP	2/28/2022	0.078	0.0018 <sup>J</sup>	< 0.00024	< 0.00028	<b>11.5</b>	<b>11.8</b>	0.058	<u>0.076</u>	564	490	87.3	20	< 1.2	168	23.1	48.9	385		
2	MW-2201 DUP	4/26/2022	0.044	< 0.0010	< 0.00024	0.0022	<b>20.1</b>	<b>22.7</b>	<u>0.13</u>	<u>0.12</u>	577 <sup>J</sup>	28.1 <sup>J</sup>	56	<b>277</b>	< 1.2	6	1.1 <sup>J</sup>	2.0 <sup>J</sup>	91.6 <sup>J</sup>		
2	MW-2201 DUP	7/26/2022	0.063	< 0.0010	< 0.00024	< 0.00028	<b>5.9</b>	<b>6.2</b>	0.029	0.03	583 <sup>J</sup>	287	86.5 <sup>J</sup>	28.2 <sup>J</sup>	< 1.2	95.7	17.3	432	1290		
2	MW-2201 DUP	10/26/2022	0.11	< 0.0010	0.00024 <sup>J</sup>	0.00029 <sup>J</sup>	<b>8.8</b>	<b>8.9</b>	0.044	0.039	621 <sup>J</sup>	279	98.9 <sup>J</sup>	38.2	< 1.2	99	44.7 <sup>J</sup>	583	939		
2	MW-2202	12/8/2020	0.077	< 0.0010	< 0.00024	0.0015	<b>1.5</b> <sup>J</sup>	<b>6.1</b>	<u>0.15</u>	<u>0.18</u>	401	< 14.7	30.3	<u>226</u>	< 1.2	3.1	< 1.2	< 1.2	143		
2	MW-2202	4/9/2021	0.053	< 0.0010	< 0.00024	0.0015	<b>0.78</b>	<b>1.5</b>	<u>0.15</u>	<u>0.15</u>	405	< 15.5	27.4	<u>233</u>	< 1.2	2.8	< 1.2	< 1.2	157		
2	MW-2202	12/30/2021	0.035	< 0.0010	< 0.00024	0.0052	0.073 <sup>J</sup>	<b>1.5</b>	<u>0.14</u>	<u>0.14</u>	590	65.5	11.2	<b>598</b>	< 1.2	21.8	< 0.39	< 0.25	2.9		
2	MW-2202	1/31/2022	0.032	< 0.0010	< 0.00024	0.00093 <sup>J</sup>	<b>2.7</b>	<b>3.6</b>	<b>0.63</b>	<b>0.64</b>	678	197	12.2	<b>451</b>	< 1.2	73.2	1.3 <sup>J</sup>	0.70 <sup>J</sup>	26.5		
2	MW-2202	2/28/2022	0.031	< 0.0010	< 0.00024	0.00059 <sup>J</sup>	<b>1.3</b>	<b>2.3</b>	<b>0.43</b>	<b>0.43</b>	647	138	12.4	<b>483</b>	1.6 <sup>J</sup>	26.6	< 0.39	< 0.25	41.5		



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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
2	PZ-2202	12/8/2020	0.057	< 0.0010	< 0.00024	0.00075 <sup>J</sup>	<b>1.2<sup>J+</sup></b>	<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
2	PZ-2202	4/9/2021	0.076	< 0.0010	< 0.00024	0.00083 <sup>J</sup>	<b>0.57</b>	<b>0.84</b>	<u>0.081</u>	<u>0.095</u>	360	14.8 <sup>J</sup>	<u>189</u>	<u>240</u>	< 1.2	2.5	< 1.2	< 1.2	170
2	PZ-2202	12/30/2021	0.22	< 0.0010	< 0.00024	< 0.00028	<b>102</b>	<b>112</b>	<b>0.34</b>	<b>0.35</b>	918	1730	101	119	< 1.2	498	5.1 <sup>J</sup>	6	414
2	PZ-2202	1/31/2022	0.29	< 0.0020	< 0.00047	< 0.00057	<b>157</b>	<b>166</b>	<b>0.5</b>	<b>0.48</b>	924	1560	<u>130</u>	73.1	< 1.2	486	18	14.2	3320
2	PZ-2202	2/28/2022	0.24	< 0.0020	< 0.00047	< 0.00057	<b>222</b>	<b>239</b>	<b>0.48</b>	<b>0.51</b>	1080	1930	<u>157</u>	19.7 <sup>J</sup>	< 1.2	634	35.6	31	4170
2	MW-2203	12/8/2020	0.052	0.0011 <sup>J</sup>	< 0.00024	0.019	<b>0.68</b>	<b>0.86</b>	<u>0.24</u>	<u>0.22</u>	436	26.0 <sup>J</sup>	11.8	<b>501</b>	< 1.2 <sup>UJ</sup>	8.5	< 1.2	< 1.2	8.6
2	MW-2203	4/9/2021	0.029	< 0.0010	< 0.00024	0.0038	0.095 <sup>J</sup>	0.083 <sup>J</sup>	<u>0.12</u>	<u>0.12</u>	342 <sup>J</sup>	28.2 <sup>J</sup>	7.6 <sup>J</sup>	<b>466</b>	< 1.2	7.6	< 1.2	< 1.2	7.1
2	MW-2203	12/30/2021	0.036	< 0.0010	< 0.00024	0.0031	<u>0.22<sup>J</sup></u>	<u>0.19<sup>J</sup></u>	<u>0.17</u>	<u>0.17</u>	402	25.0 <sup>J</sup>	8.3	<b>382</b>	< 1.2	7.9	< 0.39	< 0.25	2.6 <sup>J</sup>
2	MW-2203	1/31/2022	0.032	< 0.0010	< 0.00024	0.0025	< 0.058	0.090 <sup>J</sup>	0.034	0.046	390	25.0 <sup>J</sup>	8.2	<b>377</b>	< 1.2	8.9	< 0.39	< 0.25	< 0.58
2	MW-2203	2/28/2022	0.03	< 0.0010	< 0.00024	0.003	< 0.058	< 0.058	0.017	0.018	426	22.7 <sup>J</sup>	10.9	<b>380</b>	< 1.2	7.8	< 0.39	< 0.25	< 0.58
2	PZ-2203	12/8/2020	0.13	< 0.0010	< 0.00024	0.0033	< 0.058	<b>0.61<sup>J+</sup></b>	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>
2	PZ-2203	4/9/2021	0.11	< 0.0010	< 0.00024	0.0019	< 0.058	< 0.058	<u>0.093</u>	<u>0.095</u>	322	< 15.5	114	<u>242</u>	< 1.2	3	< 1.2	< 1.2	6.1
2	PZ-2203	12/30/2021	0.09	< 0.0010	< 0.00024	0.0023	0.077 <sup>J</sup>	0.13 <sup>J</sup>	<u>0.092</u>	<u>0.11</u>	311	< 14.7	109	<u>204</u>	< 1.2	3.2	< 0.39	< 0.25	39.9
2	PZ-2203	1/31/2022	0.082	< 0.0010	< 0.00024	0.002	< 0.058	< 0.058	0.027	0.034	324	< 14.7	103	<u>189</u>	< 1.2	3.3	< 0.39	< 0.25	< 0.58
2	PZ-2203	2/28/2022	0.074	< 0.0010	0.00030 <sup>J</sup>	0.0019	< 0.058	< 0.058	0.0038 <sup>J</sup>	0.019	342	< 14.7	121	<u>223</u>	< 1.2	3	< 0.39	< 0.25	< 0.58

Notes:

mg/L = milligrams per liter

ug/L = micrograms per liter

NA = Not Analyzed

NE = Not Established

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

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

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, February 2021 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, February 2021 exceedances are **bold**.

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

		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
Treatment Area	Sample Location	Sample Date												
3	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</b> <sup>J+</sup>
3	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
3	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</u> <sup>J</sup>	< 0.35
3	MW-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>0.60</u> <sup>J</sup>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.66</b> <sup>J</sup>
3	MW-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>0.83</u> <sup>J</sup>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.71</b> <sup>J</sup>
3	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</b> <sup>J</sup>
3	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>
3	MW-2301	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>8.8</u>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>2.3</b>
3	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
3	MW-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>0.93</u> <sup>J</sup>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.72</b> <sup>J</sup>
3	MW-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>0.48</u> <sup>J</sup>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.71</b> <sup>J</sup>
3	MW-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>0.79</u> <sup>J</sup>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>2.1</b> <sup>J</sup>
3	MW-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>7.7</u>	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>1.9</b>
3	PZ-2301	12/7/2020	< 0.24	< 0.27	< 0.24	<u>2.4</u>	< 1.3	<u>0.51</u> <sup>J</sup>	< 0.58	< 1.2	<b>1.2</b>	< 0.46	< 0.26	< 0.80 <sup>U</sup>
3	PZ-2301	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	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
3	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
3	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
3	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
3	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
3	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

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

		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
Treatment Area	Sample Location	Sample Date												
3	MW-2302	12/7/2020	0.43 <sup>J</sup>	47.9	< 0.24	0.42 <sup>J</sup>	19.1	<u>17.2</u>	<b>25.3</b>	< 1.2	< 0.27	0.70 <sup>J</sup>	0.38 <sup>J</sup>	<b>4.9</b>
3	MW-2302	4/9/2021	3.2	14.2	< 0.58	< 0.30	9.1	<u>17.9</u>	<b>9.6</b>	< 1.1	< 0.29	0.73 <sup>J</sup>	<u>3.9</u>	<b>4.6</b>
3	MW-2302	11/20/2021	0.44 <sup>J</sup>	8.6	< 0.58	< 0.30	20.3	5	<u>3.8<sup>J</sup></u>	< 1.1	< 0.29	< 0.53	<u>1.4</u>	<b>3.8</b>
3	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>
3	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>
3	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>
3	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>
3	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>
3	PZ-2302	12/7/2020	< 0.24	0.47 <sup>J</sup>	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 1.2	< 0.27	< 0.46	< 0.26	<b>5.7</b>
3	PZ-2302	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>3.8</b>
3	PZ-2302	11/20/2021	< 0.30	0.45 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.34<sup>J</sup></b>
3	PZ-2302	12/22/2021	< 0.30	0.43 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>0.35<sup>J</sup></b>
3	PZ-2302	1/24/2022	< 0.30	0.54 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	4/27/2022	< 0.30	0.39 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	7/26/2022	< 0.30	0.43 <sup>J</sup>	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	10/26/2022	< 0.30	0.49 <sup>J</sup>	< 0.58	< 0.30	2.9 <sup>J</sup>	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17
3	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>
3	MW-2303	4/9/2021	1.1 <sup>J</sup>	2.5	< 1.2	< 0.59	< 2.8	<b>109</b>	< 0.64	4.6 <sup>J</sup>	< 0.58	8.6	<b>141</b>	<b>39.4</b>
3	MW-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.8	< 0.32	< 1.1	< 0.29	< 0.53	0.42 <sup>J</sup>	<b>5.1</b>
3	MW-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1	< 0.32	< 1.1	< 0.29	< 0.53	<u>0.54<sup>J</sup></u>	<b>2.2</b>
3	MW-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	2.2	< 0.32	< 1.1	< 0.29	< 0.53	<u>0.82<sup>J</sup></u>	<b>3.6</b>
3	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>
3	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>
3	MW-2303	10/26/2022	< 0.30	0.76 <sup>J</sup>	< 0.58	< 0.30	< 1.4	4.1	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>17.1</b>

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

		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
Treatment Area	Sample Location	Sample Date												
3	PZ-2303	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	<b>4.6</b>	< 0.58	< 1.2	< 0.27	< 0.46	< 0.26	<b>8.7</b>
3	PZ-2303	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	<u>9</u>	< 0.32	<u>30.3</u>	< 0.29	< 0.53	< 0.32	<b>13.4</b>
3	PZ-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	<b>3</b>
3	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>
3	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>
3	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>
3	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>
3	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>

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

<sup>J</sup> = Estimated

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

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

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

Treatment Area	Sample Location	Analyte ES PAL Units Diss/Total Sample Date	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane	
			2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
			0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l
			D	D	D	D	D	D	D	T	T	T	T	T	T	T	T	T	T	
3	MW-2301	12/7/2020	0.072	0.0028 <sup>J</sup>	< 0.00024	0.0014	<b>0.94</b>	<b>0.89</b>	<u>0.19</u>	<u>0.17</u>	369	< 14.7	10.4	94.7	< 1.2 <sup>UJ</sup>	2.5	< 1.2	< 1.2	< 1.8 <sup>U</sup>	
3	MW-2301	4/9/2021	0.073	< 0.0010	< 0.00024	0.0074	<b>0.53</b>	<b>0.61</b>	<u>0.14</u>	<u>0.14</u>	452	< 14.7	13.1	87.3	< 1.2	2.3	< 1.2	< 1.2	< 0.66	
3	MW-2301	11/20/2021	0.37	< 0.0010	< 0.00024	< 0.00028	<b>132</b>	<b>131</b>	<b>0.8</b>	<b>0.77</b>	1700	3920	45.2	< 2.2	< 12.0	1710	14.4	28.3	257	
3	MW-2301	12/22/2021	0.15	< 0.0020	< 0.00047	< 0.00057	<b>31.4</b>	<b>33.8</b>	<u>0.099</u>	<u>0.1</u>	771	1120	54.6	< 2.2	< 1.2	388	20.4	33	405	
3	MW-2301	1/24/2022	0.14	< 0.0010	< 0.00024	< 0.00028	<b>22.5</b>	<b>22.9</b>	<u>0.12</u>	<u>0.12</u>	766	997	43.6	8.3 <sup>J</sup>	< 1.2	374	31.6	46.9	1800	
3	MW-2301	4/26/2022	0.055	< 0.0010	< 0.00024	< 0.00028	<b>15.8</b>	<b>13.8</b>	<u>0.062</u>	0.052	373 <sup>J-</sup>	43.5 <sup>J</sup>	29.3	92.2	< 1.2	10.6	27	34.7	2950	
3	MW-2301	7/26/2022	0.070 <sup>J</sup>	< 0.0010	< 0.00024	< 0.00028	<b>0.71<sup>J</sup></b>	<b>18.5<sup>J</sup></b>	<u>0.14<sup>J</sup></u>	<u>0.071<sup>J</sup></u>	178 <sup>J-</sup>	105	14.0 <sup>J+</sup>	10.5 <sup>J+</sup>	1.6 <sup>J</sup>	13.3	62.5	72.9	6220	
3	MW-2301	10/26/2022	0.055	< 0.0010 <sup>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>J+</sup>	55.9	26.9 <sup>J-</sup>	5.1 <sup>J</sup>	< 1.2	30.1	23.9 <sup>J</sup>	94.2 <sup>J</sup>	3330 <sup>J</sup>	
3	MW-2301 DUP	4/9/2021	0.075	< 0.0010	< 0.00024	0.0064	<b>0.64</b>	<b>0.65</b>	<u>0.15</u>	<u>0.14</u>	451	< 14.7	12.3	85.7	< 1.2	2.4	< 1.2	< 1.2	< 0.66	
3	MW-2301 DUP	1/24/2022	0.15	< 0.0010	< 0.00024	< 0.00028	<b>22.8</b>	<b>24.4</b>	<u>0.12</u>	<u>0.12</u>	790	993	43.1	7.2 <sup>J</sup>	< 1.2	377	33.1	48.9	1420	
3	MW-2301 DUP	4/26/2022	0.054	< 0.0010	< 0.00024	0.00066 <sup>J</sup>	<b>15</b>	<b>14.1</b>	0.058	0.052	420 <sup>J-</sup>	25.9 <sup>J</sup>	29	87.1	< 1.2	11.4	32.9	42	2880	
3	MW-2301 DUP	7/26/2022	0.058 <sup>J</sup>	< 0.0010	< 0.00024	< 0.00028	<u>0.18<sup>J</sup></u>	<b>9.2<sup>J</sup></b>	<u>0.073<sup>J</sup></u>	0.033 <sup>J</sup>	188	89.6	13.9 <sup>J+</sup>	10.9 <sup>J+</sup>	< 1.2	13.8	58.4	67.9	5590	
3	MW-2301 DUP	10/26/2022	0.052	<u>0.02<sup>J</sup></u>	0.00042 <sup>J</sup>	0.0097 <sup>J</sup>	<b>3.7</b>	<b>7.6</b>	0.029	0.037	218 <sup>J+</sup>	74.5	23.4 <sup>J-</sup>	3 <sup>J</sup>	< 1.2	31	1.7 <sup>J</sup>	10.4 <sup>J</sup>	250 <sup>J</sup>	
3	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	
3	PZ-2301	4/9/2021	0.053	< 0.0010	< 0.00024	0.0012	<u>0.16<sup>J</sup></u>	0.13 <sup>J</sup>	<u>0.077</u>	<u>0.069</u>	310	< 14.7	52.2	117	< 1.2	3.2	< 1.2	< 1.2	8.5	
3	PZ-2301	11/20/2021	0.094	< 0.0010	< 0.00024	< 0.00028	<b>51.8</b>	<b>54.9</b>	<u>0.2</u>	<u>0.21</u>	804	2690	38.3	23.5	< 12.0	900	9.7	16.8	318	
3	PZ-2301	12/22/2021	0.37	< 0.0010	< 0.00024	< 0.00028	<b>43.9</b>	<b>37.4</b>	<u>0.21</u>	<u>0.17</u>	581	1050	27	12.9	< 1.2	351	5.0 <sup>J</sup>	6.9	649	
3	PZ-2301	1/24/2022	0.25	< 0.0010	< 0.00024	< 0.00028	<b>6.4</b>	<b>10.3</b>	<u>0.091</u>	<u>0.091</u>	466	615	26.9	11.9	< 1.2	226	6.9	8.6	1100	
3	PZ-2301	4/26/2022	0.14	< 0.0010	< 0.00024	< 0.00028	0.083 <sup>J</sup>	<b>0.66</b>	0.014 <sup>J</sup>	0.011 <sup>J</sup>	308 <sup>J-</sup>	342	25.7	3.8 <sup>J</sup>	< 1.2	160 <sup>J-</sup>	12	12.3	4850	
3	PZ-2301	7/26/2022	0.055	< 0.0010	< 0.00024	0.00047 <sup>J</sup>	0.079 <sup>J</sup>	<u>0.22<sup>J</sup></u>	< 0.0035 <sup>U</sup>	< 0.0041 <sup>U</sup>	164 <sup>J-</sup>	114	24.9	26.0 <sup>J+</sup>	< 1.2	43.9 <sup>J-</sup>	7.3	5.9	1730	
3	PZ-2301	10/26/2022	0.034	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>0.35</b>	< 0.0012	0.0022 <sup>J</sup>	139 <sup>J+</sup>	53.8	24.5 <sup>J-</sup>	28.8	< 1.2	19.8	6.6	5.3	1070	
3	PZ-2301 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	
3	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	
3	PZ-2301 DUP	4/26/2022	0.16	< 0.0010	< 0.00024	0.00055 <sup>J</sup>	0.12 <sup>J</sup>	<b>0.72</b>	0.017 <sup>J</sup>	0.010 <sup>J</sup>	340 <sup>J-</sup>	371	26.3	3.3 <sup>J</sup>	< 1.2	234 <sup>J</sup>	10.4	10.6	4860	
3	PZ-2301 DUP	7/26/2022	0.058	< 0.0010	< 0.00024	< 0.00028	0.061 <sup>J</sup>	<u>0.21<sup>J</sup></u>	< 0.0027 <sup>U</sup>	0.0049 <sup>J+</sup>	186 <sup>J-</sup>	151	24.7	26.2 <sup>J+</sup>	< 1.2	38.3 <sup>J-</sup>	8.2	6.5	2320	
3	PZ-2301 DUP	10/26/2022	0.035	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>0.32</b>	< 0.0012	0.0022 <sup>J</sup>	159 <sup>J+</sup>	47.5 <sup>J</sup>	24.2 <sup>J-</sup>	29.9	1.2 <sup>J</sup>	22.3	7.7	6.1	1200	
3	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	
3	MW-2302	4/9/2021	0.034	0.0073	< 0.00024	0.0016	<b>0.53</b>	<b>0.57</b>	<u>0.078</u>	<u>0.079</u>	548	100	24.3	60.5	< 1.2	35.1	6	< 1.2	1930	
3	MW-2302	11/20/2021	0.061	0.0095	< 0.00024	0.00073 <sup>J</sup>	<b>1.3</b>	<b>1.5</b>	<u>0.075</u>	<u>0.074</u>	629	92	72.3	<b>385</b>	< 1.2	22.3	39.1	3.0 <sup>J</sup>	9000	
3	MW-2302	12/22/2021	0.07	0.0065	< 0.00024	0.0013	<b>1.8</b>	<b>2.2</b>	<u>0.12</u>	<u>0.12</u>	555	74.2	60.9	<b>551</b>	< 1.2	19.3	27.3	2.2 <sup>J</sup>	5850	
3	MW-2302	1/24/2022	0.053	0.0094	< 0.00024	0.00095 <sup>J</sup>	<b>1.3</b>	<b>1.4</b>	<u>0.065</u>	<u>0.064</u>	659	99	72.2	<b>386</b>	< 1.2	23	25.8	1.7 <sup>J</sup>	10000	

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

Treatment Area	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	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	
Sample Date																				
3	PZ-2302	12/7/2020	0.18	0.0028 <sup>J</sup>	< 0.00024	0.0022	<b>0.96</b>	<b>1.8</b>	<u>0.21</u>	<u>0.18</u>	483 <sup>J-</sup>	14.8 <sup>J</sup>	<b>324</b>	<b>291</b>	< 1.2 <sup>UJ</sup>	3.6	< 1.2	< 1.2	82	
3	PZ-2302	4/9/2021	0.15	0.0011 <sup>J</sup>	0.00037 <sup>J</sup>	0.0012	<b>0.66</b>	<b>0.61</b>	<u>0.15</u>	<u>0.16</u>	489	28.2 <sup>J</sup>	<b>379</b>	<b>303</b>	< 1.2	3.4	< 1.2	< 1.2	62.6	
3	PZ-2302	11/20/2021	0.16	0.0011 <sup>J</sup>	< 0.00024	0.0012	<b>1.3</b>	<b>1.4</b>	<u>0.19</u>	<u>0.18</u>	432	14.9 <sup>J</sup>	<b>316</b>	<b>297</b>	< 1.2	3.1	3.6 <sup>J</sup>	< 0.25	66.4	
3	PZ-2302	12/22/2021	0.15	< 0.0010	< 0.00024	0.00060 <sup>J</sup>	<b>1.2</b>	<b>1.3</b>	<u>0.18</u>	<u>0.17</u>	459	21.5 <sup>J</sup>	<b>327</b>	<b>299</b>	< 1.2	3.3	0.86 <sup>J</sup>	< 0.25	21.1	
3	PZ-2302	1/24/2022	0.15	< 0.0010	< 0.00024	0.00062 <sup>J</sup>	<b>0.84</b>	<b>0.88</b>	<u>0.18</u>	<u>0.18</u>	453	< 14.7	<b>334</b>	<b>302</b>	< 1.2	3.1	0.96 <sup>J</sup>	< 0.25	27.2	
3	MW-2303	12/8/2020	0.13	0.006	<u>0.0054</u>	0.0074	<b>4.5</b>	<b>7.2</b>	<b>0.6</b>	<b>0.66</b>	354	57.4	64.1	<u>201</u>	< 1.2 <sup>UJ</sup>	3	< 1.2	< 1.2	6.2	
3	MW-2303	4/9/2021	0.12	< 0.0010	0.00031 <sup>J</sup>	0.002	< 0.058	0.070 <sup>J</sup>	<b>0.80<sup>J</sup></b>	<b>0.55<sup>J</sup></b>	450	< 14.7	<b>177</b>	<b>372</b>	< 1.2	3.5	2.2 <sup>J</sup>	3.5 <sup>J</sup>	117	
3	MW-2303	11/20/2021	0.13	< 0.0010	< 0.00024	0.00044 <sup>J</sup>	<b>18.3</b>	<b>16.1</b>	<b>0.73</b>	<b>0.63</b>	447	195	56.1	38.6	< 1.2	70.6	0.93 <sup>J</sup>	1.3 <sup>J</sup>	38.6	
3	MW-2303	12/22/2021	0.17	< 0.0010	< 0.00024	< 0.00028	<b>62.5</b>	<b>47.4</b>	<b>2.1</b>	<b>1.4</b>	820	720	71.3	7.0 <sup>J</sup>	< 12.0	323	2.8 <sup>J</sup>	4.0 <sup>J</sup>	815	
3	MW-2303	1/24/2022	0.11	0.0046	< 0.00024	0.00045 <sup>J</sup>	<b>29.9</b>	<b>17.6</b>	<b>0.97</b>	<b>0.55</b>	410	138	47.9	19.4	< 1.2	49.3	3.7 <sup>J</sup>	4.7 <sup>J</sup>	2670	
3	MW-2303	4/27/2022	0.18	0.0012 <sup>J</sup>	< 0.00024	0.00040 <sup>J</sup>	<b>13.1</b>	<b>15.5</b>	<b>0.54</b>	<b>0.58</b>	643	52.3	<b>149</b>	<b>155</b>	< 1.2	16.3	6.1	22.2	7340	
3	MW-2303	7/26/2022	0.13	< 0.0010	< 0.00024	0.00028 <sup>J</sup>	<b>1.5</b>	<b>1.7</b>	<u>0.14</u>	<u>0.13</u>	439 <sup>J-</sup>	32.5 <sup>J</sup>	<u>162<sup>J+</sup></u>	<u>33.3<sup>J+</sup></u>	< 1.2	3.6	16	95.1	3960	
3	MW-2303	10/26/2022	0.12	0.0039	< 0.00024	0.00067 <sup>J</sup>	<b>2.5</b>	<b>2.2</b>	<u>0.18<sup>J</sup></u>	<u>0.12<sup>J</sup></u>	320 <sup>J+</sup>	< 14.7	<u>97.7<sup>J-</sup></u>	<u>80.5</u>	< 1.2 <sup>UJ</sup>	2.9	11.7	101	4300	
3	PZ-2303	12/8/2020	0.18	< 0.0010	< 0.00024	0.0012	<b>1.6<sup>J+</sup></b>	<b>1.6</b>	<b>0.36</b>	<b>0.35</b>	453 <sup>J-</sup>	< 14.7	51.5	<u>230</u>	< 1.2 <sup>UJ</sup>	2.6	< 1.2	< 1.2	5.0 <sup>J+</sup>	
3	PZ-2303	4/9/2021	0.14	< 0.0010	< 0.00024	0.00040 <sup>J</sup>	<b>3.0<sup>J</sup></b>	<b>2.4<sup>J</sup></b>	<b>0.53</b>	<b>0.49</b>	468	< 14.7	<u>150</u>	<b>445</b>	< 1.2 <sup>UJ</sup>	3.5	< 1.2	< 1.2	24.2	
3	PZ-2303	11/20/2021	0.34	0.0012 <sup>J</sup>	< 0.00024	< 0.00028	<b>16.6</b>	<b>17.5</b>	<b>0.69</b>	<b>0.62</b>	1320	1260	115	80.1	1.4 <sup>J</sup>	454	1.6 <sup>J</sup>	1.7 <sup>J</sup>	99.3	
3	PZ-2303	12/22/2021	<u>0.51</u>	< 0.0010	< 0.00024	< 0.00028	<b>27</b>	<b>36.3</b>	<b>0.53</b>	<b>0.53</b>	1600	4240	108	8.8 <sup>J</sup>	< 1.2	671	3.5 <sup>J</sup>	6.3	355	
3	PZ-2303	1/24/2022	<u>0.71</u>	< 0.0010	< 0.00024	< 0.00028	<b>32.3</b>	<b>32.6</b>	<b>0.84</b>	<b>0.78</b>	1760	2370	98.5	3.4 <sup>J</sup>	< 1.2	873	10	36.9	2470	
3	PZ-2303	4/27/2022	<u>0.51</u>	0.0011 <sup>J</sup>	< 0.00024	0.00045 <sup>J</sup>	<b>18.2</b>	<b>20.3</b>	<b>0.62</b>	<b>0.61</b>	1450	1410	112	< 4.4	< 1.2	474	7.7	16.5	11900	
3	PZ-2303	7/26/2022	0.31	< 0.0010	< 0.00024	< 0.00028	<b>9</b>	<b>11.8</b>	<u>0.26</u>	<u>0.29</u>	941 <sup>J-</sup>	305	<u>137<sup>J+</sup></u>	<u>73.3<sup>J+</sup></u>	1.2 <sup>J</sup>	100	19.7	< 0.25	13500	
3	PZ-2303	10/26/2022	0.32	< 0.0010	< 0.00024	0.0012	<b>4</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>	<u>70.5</u>	2.4 <sup>J</sup>	10.2	16.3	< 0.25	14500	

Notes:  
mg/L = milligrams per liter  
ug/L = micrograms per liter  
= Not Analyzed  
<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, June 2021 exceedances are underlined italics.  
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

**Table 4A**  
**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
Treatment Area	Sample Location	Sample Date					
4	MW-44	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-44	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-44	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	4/14/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-44	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-44	4/9/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	1/12/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-65	12/10/2020	< 2.4	<b>870</b>	<u>25.5</u>	<b>521</b>	<b>4.4<sup>J+</sup></b>
4	MW-65	4/9/2021	< 1.5	<b>354</b>	11.7	<b>45.4</b>	<b>1.3<sup>J</sup></b>
4	MW-65	12/8/2021	< 0.58	2	< 0.53	<u>0.77<sup>J</sup></u>	<b>0.46<sup>J</sup></b>
4	MW-65	1/11/2022	< 0.58	1.7	< 0.53	< 0.32	< 0.17
4	MW-65	2/7/2022	< 0.58	1.7	< 0.53	< 0.32	<b>2.2</b>
4	MW-65	4/25/2022	< 2.3	<b>395</b>	3.3 <sup>J</sup>	< 1.3	<b>14.2</b>
4	MW-65	7/26/2022	< 1.5	<b>296</b>	4.3	< 0.80	<b>10.5</b>
4	MW-65	10/25/2022	<u>1.9<sup>J</sup></u>	<b>3220</b>	<u>32.3</u>	< 0.80	<b>1140</b>

**Table 4A**  
**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
Treatment Area	Sample Location	Sample Date					
4	MW-79	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-79	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-79	4/17/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-79	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-79	4/15/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-79	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-79	4/7/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	1/11/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-80	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-80	4/17/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-80	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-80	4/15/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-80	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-80	4/7/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	1/11/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17



**Table 4A**  
**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
Treatment Area	Sample Location	Sample Date					
4	MW-81	5/17/2018	< 0.41	2	< 0.26	< 0.33	< 0.18
4	MW-81	10/18/2018	< 0.24	0.89 <sup>J</sup>	< 1.1	< 0.26	< 0.17
4	MW-81	4/17/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-81	10/9/2019	< 0.24	0.88 <sup>J</sup>	< 1.1	< 0.26	<b>0.27<sup>J</sup></b>
4	MW-81	4/15/2020	< 0.24	6.1	1.5 <sup>J</sup>	< 0.26	<b>1.2</b>
4	MW-81	11/4/2020	< 0.24	0.42 <sup>J</sup>	< 0.46	< 0.26	< 0.17
4	MW-81	4/7/2021	< 0.58	5.2	1.3	< 0.32	<b>2.4</b>
4	MW-81	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-81	1/11/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-81	2/7/2022	< 0.58	0.53 <sup>J</sup>	< 0.53	< 0.32	< 0.17
4	MW-81	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-81	7/26/2022	< 0.58	0.61 <sup>J</sup>	< 0.53	< 0.32	< 0.17
4	MW-81	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82	5/17/2018	< 4.1	<b>561</b>	<u>42.3</u>	<b>304</b>	<b>7.5<sup>J</sup></b>
4	MW-82	10/18/2018	< 0.24	<b>133</b>	4	<b>17.9</b>	<b>25.1</b>
4	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>
4	MW-82	10/9/2019	< 1.2	<b>553</b>	<u>46.9</u>	<b>220</b>	<b>11</b>
4	MW-82	4/15/2020	< 1.2	<b>417</b>	<u>39.2</u>	<b>121</b>	<b>5.9</b>
4	MW-82	11/4/2020	< 0.24	<b>97.3</b>	9.5	<b>5.3</b>	<b>31.9</b>
4	MW-82	4/7/2021	< 2.9	<b>488</b>	<u>45</u>	<b>97.1</b>	<b>13.7</b>
4	MW-82	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	<b>0.46<sup>J</sup></b>
4	MW-82	1/12/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82	2/7/2022	< 0.58	0.67 <sup>J</sup>	< 0.53	< 0.32	<b>0.37<sup>J</sup></b>
4	MW-82	4/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	<b>0.26<sup>J</sup></b>
4	MW-82	10/25/2022	< 0.58	1.3	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	4/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	<b>0.28<sup>J</sup></b>
4	MW-82 DUP	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17

**Table 4A**  
**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
Treatment Area	Sample Location	Sample Date					
4	PZ-82	10/6/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	PZ-82	12/8/2021	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
4	PZ-82	1/12/2022	< 0.58	< 0.47	< 0.53	0.49 <sup>J</sup>	<b>0.20<sup>J</sup></b>
4	PZ-82	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	PZ-82	4/25/2022	< 0.58	< 0.47	< 0.53	0.39 <sup>J+</sup>	< 0.17
4	PZ-82	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	PZ-82	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-108	10/17/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-108	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-108	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-108	4/14/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-108	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-108	4/9/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	1/11/2022	< 0.58	< 0.47	< 0.53	<u>2.8</u>	< 0.17
4	MW-108	2/7/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	4/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	7/26/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

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

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

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are underlined italics.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.



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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane	
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N		
4	MW-82 DUP	4/26/2022	0.028	< 0.0010	< 0.00024	< 0.00028	< 0.058	<b>14.5</b>	0.019	<u>0.067</u>	478 <sup>J</sup>	244	<b>350</b>	< 4.4	< 1.2		12.6	3.8 <sup>J</sup>	4.0 <sup>J</sup>	4650	
4	MW-82 DUP	7/26/2022	0.018	0.0022 <sup>J</sup>	< 0.00024	0.0014 <sup>J</sup>	< 0.058	<b>38.7</b>	0.013	<u>0.25</u>	< 372 <sup>UJ</sup>	3640 <sup>J</sup>	<u>126</u>	10.3 <sup>JA</sup>	28.0 <sup>J</sup>		8.0 <sup>J</sup>	15.4	16.2	5180	
4	MW-82 DUP	10/25/2022	0.012	< 0.0010	< 0.00024	0.00054 <sup>J</sup>	0.074 <sup>J</sup>	<b>5.3</b>	0.035	<u>0.06</u>	175	62.3	47.9	6.2 <sup>J</sup>	< 12.0		4.1	24.8 <sup>J</sup>	2.6 <sup>J</sup>	5080 <sup>J</sup>	
4	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	
4	PZ-82	12/8/2021	<u>0.42</u>	< 0.0010	< 0.00047	0.0012	<b>38.4</b>	<b>48.3</b>	<b>1.3</b>	<b>1.4</b>	1350	2900	56.8	11.2 <sup>J</sup>	< 1.2		922	6	9	447	
4	PZ-82	1/12/2022	<u>0.48</u>	< 0.0010	< 0.00024	< 0.00028	<b>57.1</b>	<b>53.8</b>	<b>1.4</b>	<b>1.3</b>	1310	2130	59.4	< 2.2	< 12.0		745	4.1 <sup>J</sup>	7	487	
4	PZ-82	2/7/2022	0.3	< 0.0010	< 0.00024	< 0.00028	<b>18.5</b>	<b>20.6</b>	<b>0.62</b>	<b>0.64</b>	912	1400	55.7	< 2.2	< 1.2		453	9.4	13.7	964	
4	MW-108	12/10/2020	0.12	< 0.0010	< 0.00024	0.0021	< 0.058	0.062 <sup>J</sup>	< 0.0012	0.012	452 <sup>J</sup>	43.9 <sup>J</sup>	<b>1110</b>	116	< 1.2 <sup>UJ</sup>		1.1	< 1.2	< 1.2	0.75 <sup>J</sup>	
4	MW-108	4/9/2021	0.37	< 0.0051	< 0.0012	0.0034 <sup>J</sup>	< 0.29	<b>0.75</b>	0.0087 <sup>J</sup>	0.028	335	226	<b>4810</b>	120	< 1.2		1.7 <sup>J</sup>	< 1.2	< 1.2	< 0.66	
4	MW-108	12/8/2021	0.17	< 0.0051	< 0.0012	0.0049 <sup>J</sup>	< 0.29	< 0.29	< 0.0061	< 0.0061	420	226	<b>4110</b>	<u>142</u> <sup>J</sup>	< 1.2		0.86 <sup>J</sup>	< 0.39	< 0.25	< 0.58	
4	MW-108	1/11/2022	0.18	< 0.0020	< 0.00047	0.0055	< 0.12	0.13 <sup>J</sup>	0.0040 <sup>J</sup>	0.019	380	101	<b>4450</b>	<u>183</u>	< 1.2		0.26 <sup>J</sup>	< 0.39	0.33 <sup>J</sup>	< 0.58	
4	MW-108	2/7/2022	0.16	< 0.0010	< 0.0012	0.0061	< 0.058	0.080 <sup>J</sup>	0.0055	0.014	342	199	<b>4670</b>	<u>148</u> <sup>J</sup>	< 1.2		0.25 <sup>J</sup>	< 0.39	< 0.25	< 0.58	

Notes:  
mg/L = milligrams per liter  
ug/L = micrograms per liter  
NA = Not Analyzed  
NE = Not Established  
<sup>J</sup> = Estimated value (+/- indicated the direction of bias)  
<sup>U</sup> = Qualified nondetect due to contamination  
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are underlined italics.  
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
MW-69R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17
PZ-69R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17
MW-70R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17
MW-71R	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.24	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 0.41	< 0.53 <sup>UJ</sup>	< 0.32	< 0.17
MW-101	1/23/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 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	< 0.5	< 0.24	< 0.33	< 0.18
	9/29/2014	1.2	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.50	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2- Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
MW-102	1/26/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 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	< 0.45	< 0.89	< 0.48	< 0.18
	5/16/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.24	< 0.33	< 0.18
	9/29/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	3/25/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/24/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/15/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	<b>0.23<sup>J</sup></b>
	4/15/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 0.33	< 1.1	<u>1.7</u>	< 0.17
	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 0.33	< 1.1	<u>0.62<sup>J</sup></u>	< 0.17
	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	<b>0.35<sup>J</sup></b>	< 1.1	<u>0.47<sup>J</sup></u>	< 0.17
	4/14/2020	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	
MW-103	5/16/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
MW-105	1/24/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 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	< 0.45	< 0.89	< 0.48	< 0.18
	5/20/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.24	< 0.33	< 0.18
	9/30/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/28/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	<b>0.36<sup>J+</sup></b>	
MW-107	7/15/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	3/25/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/28/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/16/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
MW-109	6/5/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	



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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
MW-111	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.45	< 0.89	< 0.48	< 0.18
	5/21/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.24	< 0.33	< 0.18
	9/24/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
MW-115	8/18/2011	< 0.9	< 0.75	< 0.57	<u>1.3</u>	< 0.97	0.4 <sup>J</sup>	< 0.83	< 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	< 0.45	< 0.89	< 0.48	< 0.18
	5/28/2014	1.2	0.42 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	11/28/2016	0.71 <sup>J</sup>	0.27 <sup>J</sup>	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.50	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.45	< 0.89	< 0.48	< 0.18
	4/11/2012	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 0.45	< 0.89	< 0.48	< 0.18
	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
PZ-116	11/8/2011	< 0.9	< 0.75	< 0.57	< 0.91	< 0.97	< 0.24	< 0.83	< 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	< 0.45	< 0.89	< 0.48	< 0.18
	5/22/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.50	< 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	< 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	< 0.33	< 1.1	< 0.26	<b>0.61<sup>J</sup></b>
	10/8/2019	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	<b>0.28<sup>J</sup></b>	
PZ-116 DUP	4/25/2022	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 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	< 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	< 0.5	< 0.24	< 0.33	< 0.18
	9/24/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	3/24/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	11/29/2016	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 0.26	< 0.33	< 0.18
	5/17/2018	< 0.50	< 0.24	< 0.41	< 2.4	< 0.37	< 0.50	< 0.26	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17	

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

		1,1,1-Trichloro ethane (ug/L)	1,1-Dichloro ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Bromo methane (ug/L)	Chloro ethane (ug/L)	Chloro methane (ug/L)	cis-1,2-Dichloro ethene (ug/L)	Tetrachloro ethene (ug/L)	trans-1,2-Dichloro ethene (ug/L)	Trichloro ethene (ug/L)	Vinyl chloride (ug/L)
<b>Sample Location</b>	<b>PAL ES</b>	40 200	85 850	0.7 7	1 10	80 400	3 30	7 70	0.5 5	20 100	0.5 5	0.02 0.2
PZ-117	5/21/2014	< 0.5	< 0.18	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 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	< 0.5	< 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	< 0.5	< 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	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 2.4	< 0.37	< 0.5	< 0.26	< 0.5	< 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	< 0.5	< 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	< 0.5	< 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	< 0.50	< 0.26	< 0.33	< 0.18
	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.97	< 1.3	< 2.2	< 0.27	< 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	< 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	< 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	< 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	< 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	< 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	< 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>	< 0.41 <sup>UJ</sup>	< 0.53 <sup>UJ</sup>	< 0.32 <sup>UJ</sup>	< 0.17 <sup>UJ</sup>	
PZ-117 DUP	4/7/2021	< 0.30	< 0.30	< 0.58	< 1.2	< 1.4	< 1.6	< 0.47	< 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	< 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	< 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	< 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	< 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	< 0.41	< 0.53	< 0.32	< 0.17

Notes:

ug/L = micrograms per liter

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are underlined italics.

<sup>J</sup> = Estimated value

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold**.

File: L:\DCS\Projects\ENV\60682984\_2022 KEP\_GW\_Smpt1000\_CAD\_GIS\CAD\KEP-GW Rem Design Rpt.dwg; USER: SCHOLZ, CAROLYN; PLOTTED: November 2, 2022 - 1:05 PM



**LEGEND**

- APPROXIMATE SITE BOUNDARY
- ++++ RAILROAD
- EXISTING FENCE
- REMEDIATION BUILDING
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- ⊕ MONITORING WELLS AND PIEZOMETERS - EXISTING PERIMETER MONITORING LOCATIONS
- REMEDIAL TREATMENT AREAS
- (614.09) GROUNDWATER ELEVATIONS
- 615.50 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 (WATER TABLE)  
 OCTOBER 2022  
 KENOSHA ENGINE PLANT  
 CITY OF KENOSHA  
 KENOSHA, WISCONSIN

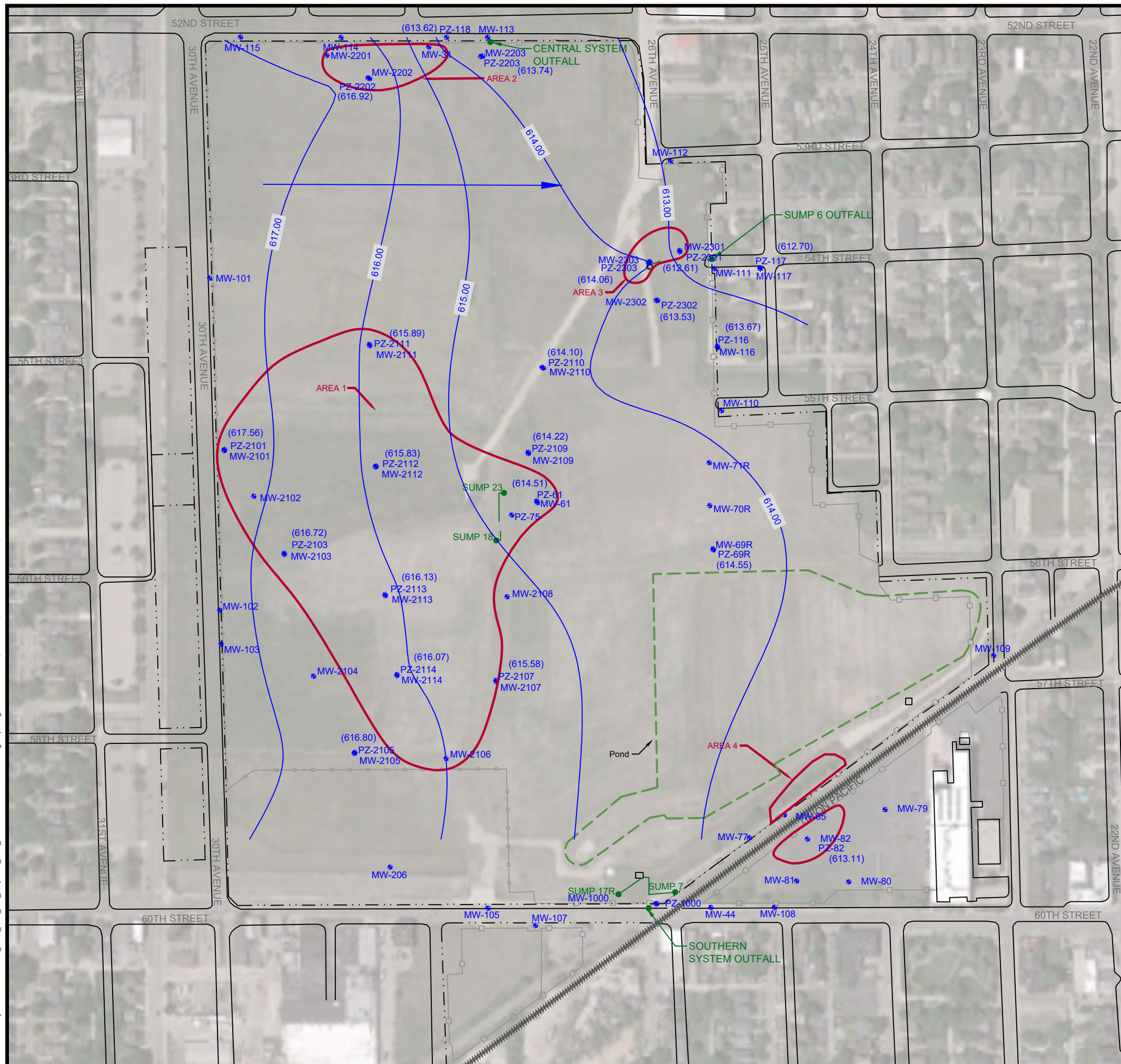
0' 150' 300' 600'

SCALE

N

Drawn :	CAS 11/2/2022
Checked:	LLA 11/2/2022
Approved:	LLA 11/2/2022
PROJECT NUMBER	<b>60682984</b>
FIGURE NUMBER	<b>1</b>

File: L:\DCS\Projects\ENV\60682984\_2022\_KEP\_GW\_Smpt1000\_CAD\_GIS\CAD\KEP-GW Rem Design Rpt.dwg; USER: SCHOLZ, CAROLYN; PLOTTED: November 2, 2022 - 1:33 PM



**LEGEND**

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

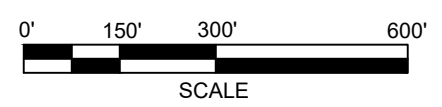
**NOTES**

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



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GROUNDWATER ELEVATIONS CONTOUR MAP (PIEZOMETERS)  
 OCTOBER 2022  
 KENOSHA ENGINE PLANT  
 CITY OF KENOSHA  
 KENOSHA, WISCONSIN



Drawn:	CAS	11/2/2022
Checked:	LLA	11/2/2022
Approved:	LLA	11/2/2022
PROJECT NUMBER	60682984	
FIGURE NUMBER	2	

## Memorandum

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Date: December 12, 2022

To: Lanette Altenbach, Project Manager (PG)

From: Lisa Smith, Environmental Chemist (CEAC)

Subject: Data Validation - Analytical Results for Groundwater Samples  
Former Kenosha Engine Plant  
Kenosha, Wisconsin

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### SUMMARY

Data validation was performed on the analytical results for the groundwater samples collected at the Kenosha, WI site on October 24 to 27, 2022. Sixty-five groundwater samples, 9 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 groups (SDGs) 40253744, 40253868, and 40253998.

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	65 Groundwater Sample 9 Field Duplicates 3 Trip Blanks
Methane, Ethene, Ethane (MEE)	SW8015B Modified	28 Groundwater Samples 7 Field Duplicates
Dissolved and Total Metals	SW6020B	
Alkalinity	EPA 310.2	
Anions (chloride and sulfate)	EPA 300.0	
Chemical Oxygen Demand (COD)	EPA 410.4	
Sulfide	SM 4500-S F	
Total organic carbon (TOC)	SM 5310C	

## REVIEW ELEMENTS

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

### Limited Validation

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

## DISCUSSION

### Sample Receipt

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

The sulfide containers for samples MW-2303 and PZ-2110 were received with headspace and the results were qualified as estimated (UJ).

VOC samples MW-2302 and PZ-117 were analyzed from vials with headspace that exceeded 6 mm. VOC detects for these two samples were qualified as estimated biased low (J-), and nondetects were qualified UJ.

The post analysis pH measurement for VOC and methane/ethane/ethene (MEE) samples PZ-2101, PZ-2103, PZ-2103D, and PZ-2111 indicate insufficient preservation. MEE samples PZ-2101 and PZ-2111 were analyzed six days over 7-day hold time for unpreserved samples, and were qualified as estimated biased low (J-).

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

- Sample collection times on the labels did not match the CoC for sample MW-70R.
- Sample receipt forms indicate that a vial was missing for samples MW-82 and MW-82D. The laboratory was able to perform all requested analyses from the remaining vials.
- Sample MW-2111 was not listed on the CoC. The sample was analyzed based in the containers received.
- The sample collection dates and time were not listed on the sample labels for MW-2113.
- The sample preservation receipt forms indicate that one vial for samples MW-80, MW-206, and MW-2302 were received with headspace. The laboratory was able to analyze the samples from the remaining vials that met the headspace criteria.
- The sample condition upon receipt form for SDG 4025386 indicates that sample volume was not received for seven samples for metals, sulfide, and COD. These were received at the laboratory at a later date and reported in SDG 40253998.

### 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
429861	10/28/22	Methane	0.71 J	The associated sample concentrations were greater than 5 times the blank concentration and were acceptable without qualification.
430341	11/2/22	Methane	0.71 J	Associated sample concentrations within 5 times the blank concentration were qualified as nondetect (U): MW-2110

### 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, with the exception of sample PZ-82. The 4-bromofluorobenzene surrogate recovery for sample PZ-82 was 144%, and was above the acceptable recovery range of 70% to 140%. The VOC results for this sample were nondetect, and were acceptable without qualification.

### 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
430626 (11/4/22)	Methyl-tert-butyl ether	60	70-130	Associated sample detects were qualified as estimated biased low (J-), and nondetect results were qualified UJ:  MW-69R      MW-70R MW-71R      MW-2102 MW-2103      MW-2103D MW-2113      PZ-69R PZ-2103      PZ-2103D PZ-2109      PZ-2110 PZ-2111      PZ-2113
	trans-1,2-Dichloroethene	61	70-130	

Three 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:

- VOCs: MW-31, MW-103, MW-105, MW-2114, PZ-116
- Dissolved Metals: MW-2301, PZ-2114
- Total Metals: MW-2301, PZ-2114
- Methane/Ethane/Ethene: MW-2110
- Alkalinity: MW-65, MW-2101, MW-2113, PZ-2111, PZ-2301
- Chloride, Sulfate: MW-2112, MW-2114, PZ-2113
- COD: MW-2110, MW-2114, MW-2301D, PZ-2107, PZ-2110, PZ-2112, PZ-2114
- Sulfide: MW-2106, MW-2301
- TOC: MW-2110, PZ-2110

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-31	Styrene	<b>46/50</b>	70-132	The result for sample MW-31 was nondetect and was qualified as estimated (UJ).
MW-2114	Chloromethane	<b>128/126</b>	42-125	The result for sample MW-2114 was nondetect and was acceptable without qualification.
MW-2301	Sodium	<b>68/79</b>	75-125	The sample concentration was greater than 4 times the spike concentration. No qualifiers.
MW-2113 (batch 430456)	Alkalinity	<b>116/134</b>	90-110	The associated results were qualified as estimated biased high (J+): MW-31            MW-61 MW-61D        MW-2102 MW-2103       MW-2103D MW-2106       MW-2110 MW-2112       MW-2113 MW-2303       PZ-61 PZ-2103        PZ-2103D PZ-2110        PZ-2113 PZ-2301D      PZ-2303
PZ-2111 (batch 430621)	Alkalinity	<b>86/87</b>	90-110	Associated results were qualified as estimated biased low (J-): MW-2107       MW-2111 PZ-2101       PZ-2107 PZ-2111       PZ-2112
PZ-2301 (batch 430455)	Alkalinity	<b>112/124</b>	90-110	The associated results were qualified as estimated biased high (J+): MW-2201       MW-2201D MW-2301       MW-2301D PZ-2301

Sample ID	Analyte	% Recovery	Recovery Limits	Qualifiers
MW-2112 (batch 430683)	Sulfate	<b>82/89</b>	90-110	Associated results were qualified as estimated biased low (J-): MW-61            MW-61D MW-2106        MW-2112 PZ-61
PZ-2113 (batch 430681)	Chloride	90/87	90-110	Associated results were qualified as estimated biased low (J-): MW-31            MW-2102 MW-2103        MW-2103D MW-2110        MW-2113 MW-2201        MW-2201D MW-2301        MW-2301D MW-2303        PZ-2103 PZ-2103D       PZ-2110 PZ-2113        PZ-2301 PZ-2301D       PZ-2303

### Quantitation

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

Values for total and dissolved metals were reviewed to confirm that dissolved metals values were not greater than the total metals results by more 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
MW-2303	Manganese	mg/L	0.12	0.18	40
PZ-2113	Iron	mg/L	142	184	16

Laboratory qualifiers indicate that a VOC internal standard are count was low for sample PZ-82. Only detected values are affected by low internal standards as an inverse relationship exists. The results for sample PZ-82 were nondetect and did not require qualification.

Laboratory qualifiers for sample MW-105 indicate that the vinyl chloride detect is most likely carry-over from a spiked sample. The result was qualified as estimated biased high (J+).

### Field Duplicates

Field duplicates are collected to assess the overall precision of field sampling and laboratory analysis. Nine field duplicate samples were collected and field precision is summarized in the table below. RPDs for the field duplicate pairs were within the 30 percent limit, or the absolute difference of the values were within  $\pm$  the LOQ for values 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-61 / MW-61D:</b>					
Benzene	ug/l	10	5.6 J	7.7 J	$\pm$ LOQ
cis-1,2-Dichloroethene	ug/l	10	1010	1070	5.8

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
trans-1,2-Dichloroethene	ug/l	10	8.2 J	5.3 U	43
Trichloroethene	ug/l	10	9 J	7 J	25
Vinyl chloride	ug/l	10	680	679	0.1
Barium, dissolved	mg/L	0.0023	0.11	0.13	16.7
Iron, total	mg/L	0.25	1.6	1.6	0
Iron, dissolved	mg/L	0.25	1.8	1.6	11.8
Manganese, total	mg/L	0.004	0.19	0.19	0
Manganese, dissolved	mg/L	0.004	0.2	0.21	4.9
Nickel, dissolved	mg/L	0.001	0.001	0.0011	9.5
Alkalinity, Total as CaCO3	mg/L	25	377	373	1.1
Chemical Oxygen Demand	mg/L	50	41.1 J	39 J	5.2
Chloride	mg/L	20	209	194	7.4
Ethane	ug/l	5.6	31.6	31.1	1.6
Ethene	ug/l	5.0	163	159	2.5
Methane	ug/l	28	1270	1310	3.1
Sulfate	mg/L	20	151	150	0.7
Total organic carbon	mg/L	3.0	9.7	9.7	0
<b>MW-82 / MW-82D:</b>					
cis-1,2-Dichloroethene	ug/l	1.0	1.3	0.47 U	± LOQ
Barium, dissolved	mg/L	0.0023	0.013	0.012	8
Iron, total	mg/L	1.2	4.4	5.3	18.6
Iron, dissolved	mg/L	0.25	0.072 J	0.074 J	2.7
Manganese, total	mg/L	0.02	0.055	0.06	8.7
Manganese, dissolved	mg/L	0.004	0.038	0.035	8.2
Nickel, dissolved	mg/L	0.001	0.0006 J	0.00054 J	10.5
Alkalinity, Total as CaCO3	mg/L	125	172	175	1.7
Chemical Oxygen Demand	mg/L	50	28.4 J	62.3	± LOQ
Chloride	mg/L	20	38.4	47.9	22
Ethane	ug/l	5.6	45.5	24.8	<b>58.9</b>
Ethene	ug/l	5.0	7.3	2.6 J	± LOQ
Methane	ug/l	350	9760	5080	<b>63.1</b>
Sulfate	mg/L	20	6.6 J	6.2 J	6.2
Total organic carbon	mg/L	0.5	4.2	4.1	2.4
<b>MW-2103 / MW-2103D:</b>					
cis-1,2-Dichloroethene	ug/l	5.0	329	353	7.0
trans-1,2-Dichloroethene	ug/l	5.0	4.3 J	4.3 J	0
Vinyl chloride	ug/l	20	2180	2350	7.5
Chloride	mg/L	40	132	133	0.8
Barium, dissolved	mg/L	0.0023	0.16	0.16	0

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Iron, total	mg/L	0.25	8.3	8.8	5.8
Iron, dissolved	mg/L	0.25	7.5	7.5	0
Manganese, total	mg/L	0.004	0.46	0.48	4.3
Manganese, dissolved	mg/L	0.004	0.47	0.47	0
Nickel, dissolved	mg/L	0.001	0.00055 J	0.00054 J	1.8
Alkalinity, Total as CaCO3	mg/L	125	373	320	15.3
Chemical Oxygen Demand	mg/L	50	15.7 J	22 J	± LOQ
Ethane	ug/l	5.6	5.1 J	5.7	11.1
Ethene	ug/l	50	911	1140	22.3
Methane	ug/l	28	1160	1330	13.7
Sulfate	mg/L	40	130	123	5.5
Total organic carbon	mg/L	3.0	6.4	6.4	0
<b>MW-2201 / MW-2201D:</b>					
1,1-Dichloroethane	ug/l	5.0	1.5 U	2.5	± LOQ
cis-1,2-Dichloroethene	ug/l	5.0	245	246	0.4
Vinyl chloride	ug/l	5.0	542	523	3.6
Barium, dissolved	mg/L	0.0023	0.099	0.11	10.5
Chromium, dissolved	mg/L	0.0034	0.0011 J	0.001 U	9.5
Iron, total	mg/L	0.25	8.8	8.9	1.1
Iron, dissolved	mg/L	0.25	7.9	8.8	10.8
Lead, dissolved	mg/L	0.001	0.00024 U	0.00024 J	--
Manganese, total	mg/L	0.004	0.046	0.039	16.5
Manganese, dissolved	mg/L	0.004	0.037	0.044	17.3
Nickel, dissolved	mg/L	0.001	0.00028 U	0.00029 J	--
Alkalinity, Total as CaCO3	mg/L	50	626	621	0.8
Chemical Oxygen Demand	mg/L	50	281	279	0.7
Chloride	mg/L	10	98.1	98.9	0.8
Ethane	ug/l	5.6	32.3	44.7	<b>32.2</b>
Ethene	ug/l	50	599	583	2.7
Methane	ug/l	28	1030	939	9.2
Sulfate	mg/L	10	37.8	38.2	1.1
Total organic carbon	mg/L	3.0	103	99	4.0
<b>MW-2301 / MW-2301D:</b>					
cis-1,2-Dichloroethene	ug/l	1.0	8.8	7.7	13.3
Vinyl chloride	ug/l	1.0	2.3	1.9	19
Barium, dissolved	mg/L	0.0023	0.055	0.052	5.6
Chromium, dissolved	mg/L	0.0034	0.001 U	0.02	<b>&gt; ± LOQ</b>
Iron, total	mg/L	0.5	6.3	7.6	18.7
Iron, dissolved	mg/L	0.25	3.7	3.7	0

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Lead, dissolved	mg/L	0.001	0.00036 J	0.00042 J	15.4
Manganese, total	mg/L	0.0081	0.034	0.037	8.5
Manganese, dissolved	mg/L	0.004	0.03	0.029	3.4
Nickel, dissolved	mg/L	0.001	0.0005 J	0.0097	> ± LOQ
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	125	211	218	3.3
Chemical Oxygen Demand	mg/L	52.6	55.9	74.5	28.5
Chloride	mg/L	10	26.9	23.4	13.9
Ethane	ug/l	5.6	23.9	1.7 J	> ± LOQ
Ethene	ug/l	5.0	94.2	10.4	> ± LOQ
Methane	ug/l	112	3330	250	> ± LOQ
Sulfate	mg/L	10	5.1 J	3 J	± LOQ
Total organic carbon	mg/L	1.5	30.1	31	2.9
<b>PZ-116 / PZ-116D:</b>					
Vinyl chloride	ug/l	1.0	0.28 J	0.17 U	--
<b>PZ-117 / PZ-117D:</b>					
VOCs	ug/l	--	ND	NS	--
<b>PZ-2103 / PZ-2103D:</b>					
cis-1,2-Dichloroethene	ug/l	6250	11400	12800	11.6
Trichloroethene	ug/l	6250	268000	252000	6.2
Barium, dissolved	mg/L	0.047	0.027 J	0.024 J	11.8
Iron, total	mg/L	1.2	70	67.6	3.5
Iron, dissolved	mg/L	5.-	54.3	49.7	8.8
Manganese, total	mg/L	0.02	1.9	1.8	5.4
Manganese, dissolved	mg/L	0.081	1.5	1.4	6.9
Nickel, dissolved	mg/L	0.02	0.011 J	0.0092 J	17.8
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	500	5410	5350	1.1
Chemical Oxygen Demand	mg/L	1000	5060	4650	8.4
Chloride	mg/L	1000	777 J	730 J	6.2
Ethane	ug/l	5.6	98.3	106	7.5
Ethene	ug/l	25	1860	2070	10.7
Methane	ug/l	2.8	29.4	32.1	8.8
Sulfate	mg/L	1000	19500	18200	6.9
Sulfide	mg/L	4.0	2.2 J	1.2 U	--
Total organic carbon	mg/L	50	1020	1020	0
<b>PZ-2301 / PZ-2301D:</b>					
Barium, dissolved	mg/L	0.0023	0.034	0.035	2.9
Iron, total	mg/L	0.25	0.35	0.32	9.0
Manganese, total	mg/L	0.004	0.0022 J	0.0022 J	0
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	125	139	159	13.4

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Chemical Oxygen Demand	mg/L	50	53.8	47.5 J	12.4
Chloride	mg/L	10	24.5	24.2	1.2
Ethane	ug/l	5.6	6.6	7.7	15.4
Ethene	ug/l	5.0	5.3	6.1	14
Methane	ug/l	28	1070	1200	11.5
Sulfate	mg/L	10	28.8	29.9	3.7
Sulfide	mg/L	4.0	1.2 U	1.2 J	0
Total organic carbon	mg/L	0.5	19.8	22.3	11.9

Bold indicates an RPD (or precision) exceedance

### Qualification Actions

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

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

Sample ID	Analyte	Units	Validation Qualifier	Reason Code
PZ-2101 PZ-2111	Methane/Ethane/Ethene	ug/L	J-	h
MW-2302 PZ-117	VOCs	ug/L	Detects: J- Nondetects: UJ	hs
MW-2303 PZ-2110	Sulfide	mg/L	UJ	hs
MW-2110	Methane	ug/L	U	mb
MW-69R MW-70R MW-71R MW-2102 MW-2103 MW-2103D MW-2113 PZ-69R PZ-2103 PZ-2103D PZ-2109 PZ-2110 PZ-2111 PZ-2113	Methyl-tert-butyl ether trans-1,2-Dichloroethene	ug/L	Detects: J- Nondetects: UJ	l
MW-31	Styrene	ug/L	UJ	m
MW-105	Vinyl Chloride	ug/L	J+	q
MW-2107 MW-2111 PZ-2101 PZ-2107 PZ-2111 PZ-2112	Alkalinity, Total as CaCO3	mg/L	J-	m
MW-31 MW-61 MW-61D MW-2102 MW-2103 MW-2103D MW-2106 MW-2110 MW-2112 MW-2113 MW-2201 MW-2201D MW-2301 MW-2301D MW-2303 PZ-61 PZ-2103 PZ-2103D PZ-2110 PZ-2113 PZ-2301 PZ-2301D PZ-2303	Alkalinity, Total as CaCO3	mg/L	J+	m

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

Sample ID		Analyte	Units	Validation Qualifier	Reason Code
MW-31	MW-2102	Chloride	mg/L	J-	m
MW-2103	MW-2103D				
MW-2110	MW-2113				
MW-2201	MW-2201D				
MW-2301	MW-2301D				
MW-2303	PZ-2103				
PZ-2103D	PZ-2110				
PZ-2113	PZ-2301				
PZ-2301D	PZ-2303				
MW-61	MW-61D	Sulfate	mg/L	J-	m
MW-2106	MW-2112				
PZ-61					
PZ-2113		Iron (total and diss)	mg/L	J	dt
MW-2303		Manganese (total and diss)	mg/L	J	dt
MW-82	MW-82D	Ethane Methane	ug/L	J	fd
MW-2201	MW-2201D	Ethane	ug/L	J	fd
MW-2301	MW-2301D	Chromium, dissolved Nickel, dissolved Ethane Ethene Methane	mg/L mg/L ug/L ug/L ug/L	Detects: J Nondetects: UJ	fd

**Qualifier**

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**

dt Dissolved greater than total by more than 20% (metals)

fd Field duplicate

h Hold time

hs Headspace

m Matrix spike

mb Method blank

q Quantitation (carry-over)



November 29, 2022

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

RE: Project: 60682984 KEP  
Pace Project No.: 40253744

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2022. 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.: 40253744

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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.: 40253744

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253744001	TB-01	Water	10/24/22 09:00	10/26/22 07:45
40253744002	PZ-117	Water	10/24/22 10:20	10/26/22 07:45
40253744003	PZ-117D	Water	10/24/22 10:20	10/26/22 07:45
40253744004	MW-117	Water	10/24/22 10:45	10/26/22 07:45
40253744005	MW-2108	Water	10/24/22 11:10	10/26/22 07:45
40253744006	MW-111	Water	10/24/22 11:40	10/26/22 07:45
40253744007	MW-110	Water	10/24/22 12:45	10/26/22 07:45
40253744008	PZ-2114	Water	10/24/22 12:50	10/26/22 07:45
40253744009	MW-2114	Water	10/24/22 12:10	10/26/22 07:45
40253744010	MW-2104	Water	10/24/22 13:50	10/26/22 07:45
40253744011	MW-2105	Water	10/24/22 14:30	10/26/22 07:45
40253744012	PZ-2105	Water	10/24/22 15:00	10/26/22 07:45
40253744013	MW-109	Water	10/24/22 13:45	10/26/22 07:45
40253744014	MW-105	Water	10/24/22 14:40	10/26/22 07:45
40253744015	MW-107	Water	10/24/22 15:05	10/26/22 07:45
40253744016	MW-81	Water	10/25/22 09:30	10/26/22 07:45
40253744017	PZ-82	Water	10/25/22 09:45	10/26/22 07:45
40253744018	MW-82	Water	10/25/22 10:00	10/26/22 07:45
40253744019	MW-82D	Water	10/25/22 10:00	10/26/22 07:45
40253744020	MW-80	Water	10/25/22 10:35	10/26/22 07:45
40253744021	MW-65	Water	10/25/22 11:20	10/26/22 07:45
40253744022	MW-79	Water	10/25/22 11:30	10/26/22 07:45
40253744023	MW-44	Water	10/25/22 12:10	10/26/22 07:45
40253744024	MW-108	Water	10/25/22 12:10	10/26/22 07:45
40253744025	MW-206	Water	10/25/22 13:20	10/26/22 07:45
40253744026	MW-103	Water	10/25/22 13:30	10/26/22 07:45
40253744027	MW-102	Water	10/25/22 14:00	10/26/22 07:45
40253744028	MW-101	Water	10/25/22 14:00	10/26/22 07:45

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40253744

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253744001	TB-01	EPA 8260	JAV	63	PASI-G
40253744002	PZ-117	EPA 8260	JAV	63	PASI-G
40253744003	PZ-117D	EPA 8260	JAV	63	PASI-G
40253744004	MW-117	EPA 8260	JAV	63	PASI-G
40253744005	MW-2108	EPA 8260	JAV	63	PASI-G
40253744006	MW-111	EPA 8260	JAV	63	PASI-G
40253744007	MW-110	EPA 8260	JAV	63	PASI-G
40253744008	PZ-2114	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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
40253744009	MW-2114	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	68	PASI-G
		SM 4500-S F (2000)	HNT	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
40253744010	MW-2104	EPA 8260	JAV	63	PASI-G
40253744011	MW-2105	EPA 8260	JAV	63	PASI-G
40253744012	PZ-2105	EPA 8260	JAV	63	PASI-G
40253744013	MW-109	EPA 8260	JAV	63	PASI-G
40253744014	MW-105	EPA 8260	EIB	63	PASI-G
40253744015	MW-107	EPA 8260	EIB	63	PASI-G
40253744016	MW-81	EPA 8260	EIB	63	PASI-G
40253744017	PZ-82	EPA 8260	EIB	63	PASI-G
40253744018	MW-82	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

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40253744

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-S F (2000)	HNT	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>40253744019</b>	<b>MW-82D</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)	HNT	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>40253744020</b>	<b>MW-80</b>	EPA 8260	EIB	63	PASI-G
<b>40253744021</b>	<b>MW-65</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)	HNT	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>40253744022</b>	<b>MW-79</b>	EPA 8260	EIB	63	PASI-G
<b>40253744023</b>	<b>MW-44</b>	EPA 8260	EIB	63	PASI-G
<b>40253744024</b>	<b>MW-108</b>	EPA 8260	EIB	63	PASI-G
<b>40253744025</b>	<b>MW-206</b>	EPA 8260	EIB	63	PASI-G
<b>40253744026</b>	<b>MW-103</b>	EPA 8260	EIB	63	PASI-G
<b>40253744027</b>	<b>MW-102</b>	EPA 8260	EIB	63	PASI-G
<b>40253744028</b>	<b>MW-101</b>	EPA 8260	EIB	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40253744

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40253744005</b>	<b>MW-2108</b>					
EPA 8260	Vinyl chloride	2.0	ug/L	1.0	11/02/22 13:06	
<b>40253744008</b>	<b>PZ-2114</b>					
EPA 8015B Modified	Methane	19.3	ug/L	2.8	10/28/22 12:10	
EPA 6020B	Iron	0.30	mg/L	0.25	11/23/22 16:52	
EPA 6020B	Manganese	0.12	mg/L	0.0040	11/23/22 16:52	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0023	11/27/22 06:23	
EPA 6020B	Chromium, Dissolved	0.0014J	mg/L	0.0034	11/27/22 06:23	
EPA 6020B	Iron, Dissolved	0.066J	mg/L	0.25	11/28/22 18:42	
EPA 6020B	Manganese, Dissolved	0.064	mg/L	0.0040	11/27/22 06:23	
EPA 6020B	Nickel, Dissolved	0.0038	mg/L	0.0010	11/27/22 06:23	
EPA 300.0	Chloride	129	mg/L	20.0	11/04/22 20:52	
EPA 300.0	Sulfate	194	mg/L	20.0	11/04/22 20:52	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	217	mg/L	25.0	10/28/22 13:55	
SM 5310C	Total Organic Carbon	3.7	mg/L	0.50	11/04/22 19:49	
<b>40253744009</b>	<b>MW-2114</b>					
EPA 8015B Modified	Ethane	20.7	ug/L	5.6	10/28/22 12:17	
EPA 8015B Modified	Ethene	4.1J	ug/L	5.0	10/28/22 12:17	
EPA 8015B Modified	Methane	3910	ug/L	112	10/28/22 13:20	
EPA 6020B	Iron	1.3	mg/L	0.25	11/23/22 17:21	
EPA 6020B	Manganese	0.14	mg/L	0.0040	11/23/22 17:21	
EPA 6020B	Barium, Dissolved	0.19	mg/L	0.0023	11/27/22 06:53	
EPA 6020B	Iron, Dissolved	1.2	mg/L	0.25	11/28/22 18:50	
EPA 6020B	Manganese, Dissolved	0.16	mg/L	0.0040	11/27/22 06:53	D9
EPA 6020B	Nickel, Dissolved	0.0047	mg/L	0.0010	11/27/22 06:53	
EPA 8260	cis-1,2-Dichloroethene	7.8	ug/L	1.0	11/02/22 10:48	
EPA 8260	Vinyl chloride	4.1	ug/L	1.0	11/02/22 10:48	
EPA 300.0	Chloride	105	mg/L	10.0	11/04/22 21:06	
EPA 300.0	Sulfate	37.8	mg/L	10.0	11/04/22 21:06	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	500	mg/L	50.0	10/28/22 13:56	
EPA 410.4	Chemical Oxygen Demand	99.1	mg/L	52.6	11/08/22 06:48	
SM 5310C	Total Organic Carbon	25.7	mg/L	15.0	11/04/22 20:05	
<b>40253744010</b>	<b>MW-2104</b>					
EPA 8260	cis-1,2-Dichloroethene	2.9	ug/L	1.0	11/02/22 12:14	
EPA 8260	Vinyl chloride	0.94J	ug/L	1.0	11/02/22 12:14	
<b>40253744011</b>	<b>MW-2105</b>					
EPA 8260	cis-1,2-Dichloroethene	5.0	ug/L	1.0	11/02/22 13:23	
EPA 8260	Trichloroethene	0.51J	ug/L	1.0	11/02/22 13:23	
EPA 8260	Vinyl chloride	3.4	ug/L	1.0	11/02/22 13:23	
<b>40253744012</b>	<b>PZ-2105</b>					
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	11/02/22 15:07	
EPA 8260	Trichloroethene	1.5	ug/L	1.0	11/02/22 15:07	
<b>40253744014</b>	<b>MW-105</b>					
EPA 8260	Chloroethane	1.6J	ug/L	5.0	11/02/22 00:19	
EPA 8260	Vinyl chloride	0.36J	ug/L	1.0	11/02/22 00:19	1q

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253744

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253744018</b>	<b>MW-82</b>					
EPA 8015B Modified	Ethane	45.5	ug/L	5.6	10/28/22 12:24	
EPA 8015B Modified	Ethane	7.3	ug/L	5.0	10/28/22 12:24	
EPA 8015B Modified	Methane	9760	ug/L	350	10/28/22 13:27	
EPA 6020B	Iron	4.4	mg/L	1.2	11/23/22 16:07	
EPA 6020B	Manganese	0.055	mg/L	0.020	11/23/22 16:07	
EPA 6020B	Barium, Dissolved	0.013	mg/L	0.0023	11/27/22 07:08	
EPA 6020B	Iron, Dissolved	0.072J	mg/L	0.25	11/28/22 19:04	
EPA 6020B	Manganese, Dissolved	0.038	mg/L	0.0040	11/27/22 07:08	
EPA 6020B	Nickel, Dissolved	0.00060J	mg/L	0.0010	11/27/22 07:08	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	11/02/22 03:26	
EPA 300.0	Chloride	38.4	mg/L	10.0	11/04/22 21:21	
EPA 300.0	Sulfate	6.6J	mg/L	10.0	11/04/22 21:21	D3
EPA 310.2	Alkalinity, Total as CaCO3	172	mg/L	125	10/28/22 13:57	
EPA 410.4	Chemical Oxygen Demand	28.4J	mg/L	50.0	11/08/22 06:49	
SM 5310C	Total Organic Carbon	4.2	mg/L	0.50	11/04/22 20:20	
<b>40253744019</b>	<b>MW-82D</b>					
EPA 8015B Modified	Ethane	24.8	ug/L	5.6	10/28/22 12:45	
EPA 8015B Modified	Ethane	2.6J	ug/L	5.0	10/28/22 12:45	
EPA 8015B Modified	Methane	5080	ug/L	140	10/28/22 13:42	
EPA 6020B	Iron	5.3	mg/L	1.2	11/23/22 16:15	
EPA 6020B	Manganese	0.060	mg/L	0.020	11/23/22 16:15	
EPA 6020B	Barium, Dissolved	0.012	mg/L	0.0023	11/27/22 07:15	
EPA 6020B	Iron, Dissolved	0.074J	mg/L	0.25	11/28/22 19:12	
EPA 6020B	Manganese, Dissolved	0.035	mg/L	0.0040	11/27/22 07:15	
EPA 6020B	Nickel, Dissolved	0.00054J	mg/L	0.0010	11/27/22 07:15	
EPA 300.0	Chloride	47.9	mg/L	20.0	11/04/22 21:35	
EPA 300.0	Sulfate	6.2J	mg/L	20.0	11/04/22 21:35	D3
EPA 310.2	Alkalinity, Total as CaCO3	175	mg/L	125	10/28/22 13:58	
EPA 410.4	Chemical Oxygen Demand	62.3	mg/L	50.0	11/08/22 06:49	
SM 5310C	Total Organic Carbon	4.1	mg/L	0.50	11/04/22 20:35	
<b>40253744021</b>	<b>MW-65</b>					
EPA 8015B Modified	Ethane	5.5J	ug/L	5.6	10/28/22 12:52	
EPA 8015B Modified	Ethane	293	ug/L	5.0	10/28/22 12:52	
EPA 8015B Modified	Methane	702	ug/L	14.0	10/28/22 14:34	
EPA 6020B	Iron	34.5	mg/L	0.25	11/23/22 17:36	
EPA 6020B	Manganese	0.15	mg/L	0.0040	11/23/22 17:36	
EPA 6020B	Barium, Dissolved	1.2	mg/L	0.0023	11/24/22 15:53	
EPA 6020B	Iron, Dissolved	36.3	mg/L	0.25	11/27/22 07:22	D9
EPA 6020B	Manganese, Dissolved	0.14	mg/L	0.0040	11/27/22 07:22	
EPA 8260	1,1-Dichloroethene	1.9J	ug/L	2.5	11/02/22 04:07	
EPA 8260	cis-1,2-Dichloroethene	3220	ug/L	100	11/02/22 09:22	
EPA 8260	trans-1,2-Dichloroethene	32.3	ug/L	2.5	11/02/22 04:07	
EPA 8260	Vinyl chloride	1140	ug/L	100	11/02/22 09:22	
EPA 300.0	Chloride	1140	mg/L	100	11/09/22 06:10	
EPA 300.0	Sulfate	5.6J	mg/L	20.0	11/09/22 05:55	D3
EPA 310.2	Alkalinity, Total as CaCO3	609	mg/L	125	10/28/22 13:59	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253744

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40253744021</b>	<b>MW-65</b>					
EPA 410.4	Chemical Oxygen Demand	96.2	mg/L	50.0	11/08/22 06:49	
SM 5310C	Total Organic Carbon	27.8	mg/L	1.5	11/04/22 20:52	
<b>40253744028</b>	<b>MW-101</b>					
EPA 8260	1,1-Dichloroethane	0.34J	ug/L	1.0	11/02/22 22:37	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: TB-01**      **Lab ID: 40253744001**      Collected: 10/24/22 09:00      Received: 10/26/22 07:45      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		11/02/22 10:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 10:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 10:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 10:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 10:14	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 10:14	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 10:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 10:14	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 10:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 10:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 10:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 10:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 10:14	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 10:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 10:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 10:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 10:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 10:14	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 10:14	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 10:14	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 10:14	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 10:14	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 10:14	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:14	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 10:14	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 10:14	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 10:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 10:14	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 10:14	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:14	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 10:14	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 10:14	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:14	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 10:14	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 10:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 10:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 10:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 10:14	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 10:14	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 10:14	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 10:14	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 10:14	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 10:14	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:14	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: TB-01**      **Lab ID: 40253744001**      Collected: 10/24/22 09:00      Received: 10/26/22 07:45      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		11/02/22 10:14	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 10:14	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 10:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 10:14	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 10:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 10:14	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:14	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 10:14	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 10:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 10:14	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 10:14	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 10:14	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:14	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 10:14	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 10:14	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/02/22 10:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/02/22 10:14	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 10:14	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: PZ-117**      **Lab ID: 40253744002**      Collected: 10/24/22 10:20      Received: 10/26/22 07:45      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		11/02/22 10:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:31	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 10:31	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 10:31	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 10:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 10:31	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 10:31	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 10:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 10:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 10:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 10:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 10:31	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 10:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 10:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 10:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 10:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 10:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 10:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 10:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 10:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 10:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 10:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 10:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 10:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:31	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 10:31	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 10:31	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 10:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 10:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 10:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:31	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 10:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 10:31	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:31	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 10:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 10:31	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 10:31	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 10:31	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 10:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 10:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 10:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 10:31	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 10:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 10:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:31	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: PZ-117**      **Lab ID: 40253744002**      Collected: 10/24/22 10:20      Received: 10/26/22 07:45      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		11/02/22 10:31	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 10:31	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 10:31	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 10:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 10:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 10:31	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 10:31	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 10:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 10:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 10:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 10:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:31	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 10:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 10:31	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/02/22 10:31	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/02/22 10:31	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 10:31	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: PZ-117D**      **Lab ID: 40253744003**      Collected: 10/24/22 10:20      Received: 10/26/22 07:45      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		11/02/22 12:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 12:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 12:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 12:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 12:49	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 12:49	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 12:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 12:49	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 12:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 12:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 12:49	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 12:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 12:49	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 12:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 12:49	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 12:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 12:49	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 12:49	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 12:49	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 12:49	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 12:49	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 12:49	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:49	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 12:49	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 12:49	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 12:49	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 12:49	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 12:49	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:49	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 12:49	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 12:49	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:49	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 12:49	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 12:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 12:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 12:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 12:49	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 12:49	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 12:49	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 12:49	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 12:49	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 12:49	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:49	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: PZ-117D**      **Lab ID: 40253744003**      Collected: 10/24/22 10:20      Received: 10/26/22 07:45      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		11/02/22 12:49	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 12:49	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 12:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 12:49	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 12:49	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 12:49	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:49	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 12:49	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 12:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 12:49	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 12:49	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 12:49	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:49	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 12:49	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 12:49	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/02/22 12:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 12:49	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 12:49	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-117**      **Lab ID: 40253744004**      Collected: 10/24/22 10:45      Received: 10/26/22 07:45      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		11/02/22 11:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 11:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 11:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 11:06	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:06	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 11:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 11:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 11:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 11:06	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 11:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 11:06	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 11:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 11:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 11:06	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 11:06	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:06	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:06	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 11:06	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 11:06	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:06	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 11:06	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 11:06	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 11:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 11:06	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 11:06	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:06	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 11:06	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:06	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:06	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 11:06	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 11:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 11:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:06	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 11:06	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:06	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 11:06	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:06	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:06	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-117**      **Lab ID: 40253744004**      Collected: 10/24/22 10:45      Received: 10/26/22 07:45      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		11/02/22 11:06	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 11:06	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 11:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 11:06	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 11:06	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 11:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:06	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 11:06	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 11:06	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:06	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 11:06	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 11:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/02/22 11:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/02/22 11:06	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 11:06	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-2108**      **Lab ID: 40253744005**      Collected: 10/24/22 11:10      Received: 10/26/22 07:45      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		11/02/22 13:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 13:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 13:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 13:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 13:06	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 13:06	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 13:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 13:06	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 13:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 13:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 13:06	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 13:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 13:06	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 13:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 13:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 13:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 13:06	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 13:06	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 13:06	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 13:06	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 13:06	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 13:06	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 13:06	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 13:06	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 13:06	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 13:06	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 13:06	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 13:06	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 13:06	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 13:06	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 13:06	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:06	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 13:06	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 13:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 13:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 13:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 13:06	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 13:06	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 13:06	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 13:06	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 13:06	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 13:06	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:06	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-2108**      **Lab ID: 40253744005**      Collected: 10/24/22 11:10      Received: 10/26/22 07:45      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		11/02/22 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 13:06	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 13:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 13:06	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 13:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 13:06	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 13:06	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 13:06	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 13:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 13:06	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 13:06	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 13:06	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:06	108-67-8	
Vinyl chloride	2.0	ug/L	1.0	0.17	1		11/02/22 13:06	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 13:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/02/22 13:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 13:06	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 13:06	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-111**      **Lab ID: 40253744006**      Collected: 10/24/22 11:40      Received: 10/26/22 07:45      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		11/02/22 11:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 11:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 11:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 11:23	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:23	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 11:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 11:23	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 11:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 11:23	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 11:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 11:23	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:23	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 11:23	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 11:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 11:23	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 11:23	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:23	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:23	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 11:23	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 11:23	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:23	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 11:23	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 11:23	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 11:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 11:23	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 11:23	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:23	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 11:23	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:23	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:23	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 11:23	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 11:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 11:23	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:23	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 11:23	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:23	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 11:23	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:23	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:23	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-111**      **Lab ID: 40253744006**      Collected: 10/24/22 11:40      Received: 10/26/22 07:45      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		11/02/22 11:23	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 11:23	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 11:23	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:23	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 11:23	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 11:23	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 11:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:23	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 11:23	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 11:23	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:23	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 11:23	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 11:23	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/02/22 11:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 11:23	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 11:23	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-110**      **Lab ID: 40253744007**      Collected: 10/24/22 12:45      Received: 10/26/22 07:45      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		11/02/22 11:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 11:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 11:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 11:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 11:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 11:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 11:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 11:40	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 11:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 11:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 11:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 11:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 11:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 11:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 11:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 11:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:40	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 11:40	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 11:40	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 11:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 11:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 11:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:40	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 11:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:40	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:40	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 11:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 11:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 11:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 11:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:40	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 11:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:40	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-110**      **Lab ID: 40253744007**      Collected: 10/24/22 12:45      Received: 10/26/22 07:45      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		11/02/22 11:40	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 11:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 11:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 11:40	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 11:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 11:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 11:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 11:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 11:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 11:40	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/02/22 11:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 11:40	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 11:40	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: PZ-2114**      **Lab ID: 40253744008**      Collected: 10/24/22 12:50      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		10/28/22 12:10	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		10/28/22 12:10	74-85-1	
Methane	19.3	ug/L	2.8	0.58	1		10/28/22 12:10	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	0.30	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 16:52	7439-89-6	
Manganese	0.12	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 16:52	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	11/16/22 06:10	11/27/22 06:23	7440-39-3	
Chromium, Dissolved	0.0014J	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 06:23	7440-47-3	
Iron, Dissolved	0.066J	mg/L	0.25	0.058	1	11/16/22 06:10	11/28/22 18:42	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 06:23	7439-92-1	
Manganese, Dissolved	0.064	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 06:23	7439-96-5	
Nickel, Dissolved	0.0038	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 06:23	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/02/22 11:57	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:57	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 11:57	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:57	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 11:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 11:57	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:57	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 11:57	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 11:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 11:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 11:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 11:57	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 11:57	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 11:57	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:57	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 11:57	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 11:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 11:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 11:57	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 11:57	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:57	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:57	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 11:57	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 11:57	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:57	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: PZ-2114**      **Lab ID: 40253744008**      Collected: 10/24/22 12:50      Received: 10/26/22 07:45      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		11/02/22 11:57	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		11/02/22 11:57	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 11:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 11:57	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 11:57	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:57	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 11:57	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:57	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:57	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 11:57	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:57	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 11:57	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 11:57	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 11:57	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:57	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 11:57	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 11:57	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 11:57	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 11:57	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:57	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/02/22 11:57	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 11:57	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 11:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 11:57	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 11:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 11:57	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 11:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 11:57	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 11:57	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 11:57	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 11:57	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 11:57	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 11:57	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 11:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 11:57	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/02/22 11:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 11:57	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 11:57	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/31/22 13:32		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: PZ-2114**      **Lab ID: 40253744008**      Collected: 10/24/22 12:50      Received: 10/26/22 07:45      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>129</b>	mg/L	20.0	4.3	10		11/04/22 20:52	16887-00-6	
Sulfate	<b>194</b>	mg/L	20.0	4.4	10		11/04/22 20:52	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>217</b>	mg/L	25.0	7.4	1		10/28/22 13:55		
<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	11/08/22 03:40	11/08/22 06:48		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3.7</b>	mg/L	0.50	0.14	1		11/04/22 19:49	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-2114**      **Lab ID: 40253744009**      Collected: 10/24/22 12:10      Received: 10/26/22 07:45      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	20.7	ug/L	5.6	0.39	1		10/28/22 12:17	74-84-0	
Ethene	4.1J	ug/L	5.0	0.25	1		10/28/22 12:17	74-85-1	
Methane	3910	ug/L	112	23.0	40		10/28/22 13:20	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	11/16/22 06:22	11/23/22 17:21	7439-89-6	
Manganese	0.14	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 17:21	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.19	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 06:53	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 06:53	7440-47-3	
Iron, Dissolved	1.2	mg/L	0.25	0.058	1	11/16/22 06:10	11/28/22 18:50	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 06:53	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 06:53	7439-96-5	D9
Nickel, Dissolved	0.0047	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 06:53	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Acetone	<8.6	ug/L	25.0	8.6	1		11/02/22 10:48	67-64-1	
Benzene	<0.30	ug/L	1.0	0.30	1		11/02/22 10:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:48	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 10:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 10:48	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 10:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 10:48	74-83-9	
2-Butanone (MEK)	<6.5	ug/L	25.0	6.5	1		11/02/22 10:48	78-93-3	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 10:48	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 10:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 10:48	98-06-6	
Carbon disulfide	<1.1	ug/L	5.0	1.1	1		11/02/22 10:48	75-15-0	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 10:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 10:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 10:48	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 10:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 10:48	74-87-3	M1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 10:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 10:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 10:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 10:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 10:48	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 10:48	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 10:48	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 10:48	541-73-1	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-2114**      **Lab ID: 40253744009**      Collected: 10/24/22 12:10      Received: 10/26/22 07:45      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									
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 10:48	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 10:48	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:48	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 10:48	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 10:48	75-35-4	
cis-1,2-Dichloroethene	7.8	ug/L	1.0	0.47	1		11/02/22 10:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 10:48	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 10:48	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:48	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 10:48	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 10:48	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:48	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 10:48	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 10:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 10:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 10:48	87-68-3	
2-Hexanone	<6.3	ug/L	25.0	6.3	1		11/02/22 10:48	591-78-6	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 10:48	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 10:48	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 10:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	<6.0	ug/L	25.0	6.0	1		11/02/22 10:48	108-10-1	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 10:48	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 10:48	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 10:48	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:48	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/02/22 10:48	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 10:48	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 10:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 10:48	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 10:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 10:48	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 10:48	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 10:48	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 10:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 10:48	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 10:48	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 10:48	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 10:48	108-67-8	
Vinyl chloride	4.1	ug/L	1.0	0.17	1		11/02/22 10:48	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 10:48	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/02/22 10:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/02/22 10:48	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 10:48	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-2114**      **Lab ID: 40253744009**      Collected: 10/24/22 12:10      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/31/22 13:33		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	105	mg/L	10.0	2.2	5		11/04/22 21:06	16887-00-6	
Sulfate	37.8	mg/L	10.0	2.2	5		11/04/22 21:06	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	500	mg/L	50.0	14.9	2		10/28/22 13:56		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	99.1	mg/L	52.6	15.5	1	11/08/22 03:40	11/08/22 06:48		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	25.7	mg/L	15.0	4.2	30		11/04/22 20:05	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-2104**      **Lab ID: 40253744010**      Collected: 10/24/22 13:50      Received: 10/26/22 07:45      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		11/02/22 12:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 12:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 12:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 12:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 12:14	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 12:14	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 12:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 12:14	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 12:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 12:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 12:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 12:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 12:14	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 12:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 12:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 12:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 12:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 12:14	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 12:14	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 12:14	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 12:14	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 12:14	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 12:14	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:14	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 12:14	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 12:14	75-35-4	
cis-1,2-Dichloroethene	2.9	ug/L	1.0	0.47	1		11/02/22 12:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 12:14	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 12:14	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:14	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 12:14	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 12:14	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:14	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 12:14	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 12:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 12:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 12:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 12:14	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 12:14	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 12:14	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 12:14	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 12:14	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 12:14	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:14	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-2104**      **Lab ID: 40253744010**      Collected: 10/24/22 13:50      Received: 10/26/22 07:45      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		11/02/22 12:14	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 12:14	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 12:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 12:14	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 12:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 12:14	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:14	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 12:14	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 12:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 12:14	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 12:14	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 12:14	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:14	108-67-8	
Vinyl chloride	0.94J	ug/L	1.0	0.17	1		11/02/22 12:14	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 12:14	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/02/22 12:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 12:14	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 12:14	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-2105**      **Lab ID: 40253744011**      Collected: 10/24/22 14:30      Received: 10/26/22 07:45      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		11/02/22 13:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 13:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 13:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 13:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 13:23	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 13:23	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 13:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 13:23	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 13:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 13:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 13:23	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 13:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 13:23	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 13:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 13:23	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 13:23	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 13:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 13:23	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 13:23	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 13:23	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 13:23	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 13:23	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 13:23	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 13:23	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 13:23	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 13:23	75-35-4	
cis-1,2-Dichloroethene	5.0	ug/L	1.0	0.47	1		11/02/22 13:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 13:23	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 13:23	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 13:23	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 13:23	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 13:23	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:23	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 13:23	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 13:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 13:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 13:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 13:23	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 13:23	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 13:23	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 13:23	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 13:23	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 13:23	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:23	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-2105**      **Lab ID: 40253744011**      Collected: 10/24/22 14:30      Received: 10/26/22 07:45      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		11/02/22 13:23	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 13:23	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 13:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 13:23	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 13:23	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 13:23	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 13:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 13:23	79-00-5	
Trichloroethene	0.51J	ug/L	1.0	0.32	1		11/02/22 13:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 13:23	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 13:23	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 13:23	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 13:23	108-67-8	
Vinyl chloride	3.4	ug/L	1.0	0.17	1		11/02/22 13:23	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 13:23	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/02/22 13:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 13:23	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 13:23	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: PZ-2105**      **Lab ID: 40253744012**      Collected: 10/24/22 15:00      Received: 10/26/22 07:45      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		11/02/22 15:07	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 15:07	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 15:07	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 15:07	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 15:07	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 15:07	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 15:07	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 15:07	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 15:07	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 15:07	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 15:07	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 15:07	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 15:07	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 15:07	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 15:07	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 15:07	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 15:07	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 15:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 15:07	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 15:07	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 15:07	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 15:07	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 15:07	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 15:07	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 15:07	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 15:07	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 15:07	75-35-4	
cis-1,2-Dichloroethene	1.1	ug/L	1.0	0.47	1		11/02/22 15:07	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 15:07	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 15:07	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 15:07	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 15:07	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 15:07	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 15:07	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 15:07	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 15:07	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 15:07	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 15:07	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 15:07	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 15:07	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 15:07	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 15:07	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 15:07	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 15:07	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 15:07	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: PZ-2105**      **Lab ID: 40253744012**      Collected: 10/24/22 15:00      Received: 10/26/22 07:45      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		11/02/22 15:07	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 15:07	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 15:07	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 15:07	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 15:07	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 15:07	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 15:07	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 15:07	79-00-5	
Trichloroethene	1.5	ug/L	1.0	0.32	1		11/02/22 15:07	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 15:07	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 15:07	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 15:07	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 15:07	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 15:07	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 15:07	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/02/22 15:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 15:07	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/02/22 15:07	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-109**      **Lab ID: 40253744013**      Collected: 10/24/22 13:45      Received: 10/26/22 07:45      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		11/02/22 12:32	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:32	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 12:32	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 12:32	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 12:32	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 12:32	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 12:32	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 12:32	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 12:32	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 12:32	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 12:32	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 12:32	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 12:32	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 12:32	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 12:32	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 12:32	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 12:32	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 12:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 12:32	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 12:32	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 12:32	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 12:32	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 12:32	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 12:32	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:32	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 12:32	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 12:32	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 12:32	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 12:32	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 12:32	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:32	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 12:32	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 12:32	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:32	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 12:32	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 12:32	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 12:32	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 12:32	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 12:32	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 12:32	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 12:32	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 12:32	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 12:32	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 12:32	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:32	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-109**      **Lab ID: 40253744013**      Collected: 10/24/22 13:45      Received: 10/26/22 07:45      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		11/02/22 12:32	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 12:32	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 12:32	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 12:32	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 12:32	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 12:32	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 12:32	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 12:32	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 12:32	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 12:32	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 12:32	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 12:32	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 12:32	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 12:32	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 12:32	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/02/22 12:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 12:32	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 12:32	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-105**      **Lab ID: 40253744014**      Collected: 10/24/22 14:40      Received: 10/26/22 07:45      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		11/02/22 00:19	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:19	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 00:19	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 00:19	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 00:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 00:19	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 00:19	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 00:19	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 00:19	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 00:19	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 00:19	108-90-7	
Chloroethane	1.6J	ug/L	5.0	1.4	1		11/02/22 00:19	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 00:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 00:19	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 00:19	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 00:19	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 00:19	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 00:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 00:19	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 00:19	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 00:19	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 00:19	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 00:19	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 00:19	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 00:19	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 00:19	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 00:19	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 00:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 00:19	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 00:19	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 00:19	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 00:19	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 00:19	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:19	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 00:19	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 00:19	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 00:19	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 00:19	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 00:19	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 00:19	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 00:19	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 00:19	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 00:19	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 00:19	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:19	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-105**      **Lab ID: 40253744014**      Collected: 10/24/22 14:40      Received: 10/26/22 07:45      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		11/02/22 00:19	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 00:19	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 00:19	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 00:19	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 00:19	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 00:19	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 00:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 00:19	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 00:19	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 00:19	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 00:19	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 00:19	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:19	108-67-8	
Vinyl chloride	0.36J	ug/L	1.0	0.17	1		11/02/22 00:19	75-01-4	1q
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 00:19	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/02/22 00:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 00:19	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/02/22 00:19	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-107**      **Lab ID: 40253744015**      Collected: 10/24/22 15:05      Received: 10/26/22 07:45      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		11/02/22 00:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 00:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 00:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 00:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 00:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 00:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 00:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 00:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 00:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 00:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 00:40	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 00:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 00:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 00:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 00:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 00:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 00:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 00:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 00:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 00:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 00:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 00:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 00:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 00:40	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 00:40	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 00:40	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 00:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 00:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 00:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 00:40	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 00:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 00:40	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:40	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 00:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 00:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 00:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 00:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 00:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 00:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 00:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 00:40	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 00:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 00:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:40	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-107**      **Lab ID: 40253744015**      Collected: 10/24/22 15:05      Received: 10/26/22 07:45      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		11/02/22 00:40	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 00:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 00:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 00:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 00:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 00:40	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 00:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 00:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 00:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 00:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 00:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 00:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 00:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 00:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 00:40	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/02/22 00:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/02/22 00:40	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 00:40	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-81**      **Lab ID: 40253744016**      Collected: 10/25/22 09:30      Received: 10/26/22 07:45      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		11/02/22 01:01	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:01	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 01:01	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 01:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 01:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 01:01	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 01:01	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 01:01	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 01:01	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 01:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 01:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 01:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 01:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 01:01	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 01:01	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 01:01	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 01:01	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 01:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 01:01	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 01:01	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 01:01	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 01:01	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 01:01	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 01:01	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:01	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 01:01	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 01:01	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 01:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 01:01	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 01:01	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:01	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 01:01	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 01:01	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:01	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 01:01	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 01:01	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 01:01	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 01:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 01:01	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 01:01	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 01:01	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 01:01	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 01:01	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 01:01	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:01	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-81**      **Lab ID: 40253744016**      Collected: 10/25/22 09:30      Received: 10/26/22 07:45      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		11/02/22 01:01	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 01:01	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 01:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 01:01	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 01:01	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 01:01	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 01:01	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 01:01	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 01:01	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 01:01	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 01:01	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:01	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 01:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 01:01	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		11/02/22 01:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 01:01	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/02/22 01:01	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: PZ-82**      **Lab ID: 40253744017**      Collected: 10/25/22 09:45      Received: 10/26/22 07:45      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		11/02/22 03:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 03:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 03:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 03:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 03:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 03:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 03:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 03:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 03:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 03:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 03:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 03:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 03:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 03:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 03:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 03:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 03:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 03:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 03:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 03:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 03:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 03:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 03:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 03:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 03:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 03:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 03:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 03:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:05	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 03:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 03:05	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:05	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 03:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 03:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 03:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 03:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 03:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 03:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 03:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 03:05	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 03:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 03:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:05	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: PZ-82**      **Lab ID: 40253744017**      Collected: 10/25/22 09:45      Received: 10/26/22 07:45      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		11/02/22 03:05	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 03:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 03:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 03:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 03:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 03:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 03:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 03:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 03:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 03:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 03:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 03:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 03:05	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	144	%	70-130		1		11/02/22 03:05	460-00-4	2q,S1
1,2-Dichlorobenzene-d4 (S)	123	%	70-130		1		11/02/22 03:05	2199-69-1	
Toluene-d8 (S)	109	%	70-130		1		11/02/22 03:05	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-82**      **Lab ID: 40253744018**      Collected: 10/25/22 10:00      Received: 10/26/22 07:45      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	45.5	ug/L	5.6	0.39	1		10/28/22 12:24	74-84-0	
Ethene	7.3	ug/L	5.0	0.25	1		10/28/22 12:24	74-85-1	
Methane	9760	ug/L	350	72.0	125		10/28/22 13:27	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4.4	mg/L	1.2	0.29	5	11/16/22 06:22	11/23/22 16:07	7439-89-6	
Manganese	0.055	mg/L	0.020	0.0061	5	11/16/22 06:22	11/23/22 16:07	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.013	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 07:08	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 07:08	7440-47-3	
Iron, Dissolved	0.072J	mg/L	0.25	0.058	1	11/16/22 06:10	11/28/22 19:04	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 07:08	7439-92-1	
Manganese, Dissolved	0.038	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 07:08	7439-96-5	
Nickel, Dissolved	0.00060J	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 07:08	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		11/02/22 03:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 03:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 03:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 03:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 03:26	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 03:26	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 03:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 03:26	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 03:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 03:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 03:26	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 03:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 03:26	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 03:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 03:26	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 03:26	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 03:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 03:26	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 03:26	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 03:26	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 03:26	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 03:26	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 03:26	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:26	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-82**      **Lab ID: 40253744018**      Collected: 10/25/22 10:00      Received: 10/26/22 07:45      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		11/02/22 03:26	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 03:26	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.47	1		11/02/22 03:26	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 03:26	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 03:26	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:26	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 03:26	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 03:26	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:26	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 03:26	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 03:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 03:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 03:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 03:26	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 03:26	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 03:26	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 03:26	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 03:26	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 03:26	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:26	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/02/22 03:26	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 03:26	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 03:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 03:26	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 03:26	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 03:26	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:26	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 03:26	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 03:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 03:26	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 03:26	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 03:26	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:26	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 03:26	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 03:26	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		11/02/22 03:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/02/22 03:26	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 03:26	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		10/31/22 13:44		D3

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-82**      **Lab ID: 40253744018**      Collected: 10/25/22 10:00      Received: 10/26/22 07:45      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>38.4</b>	mg/L	10.0	2.2	5		11/04/22 21:21	16887-00-6	
Sulfate	<b>6.6J</b>	mg/L	10.0	2.2	5		11/04/22 21:21	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>172</b>	mg/L	125	37.2	5		10/28/22 13:57		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>28.4J</b>	mg/L	50.0	14.7	1	11/08/22 03:40	11/08/22 06:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>4.2</b>	mg/L	0.50	0.14	1		11/04/22 20:20	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-82D**      **Lab ID: 40253744019**      Collected: 10/25/22 10:00      Received: 10/26/22 07:45      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	24.8	ug/L	5.6	0.39	1		10/28/22 12:45	74-84-0	
Ethene	2.6J	ug/L	5.0	0.25	1		10/28/22 12:45	74-85-1	
Methane	5080	ug/L	140	28.8	50		10/28/22 13:42	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	5.3	mg/L	1.2	0.29	5	11/16/22 06:22	11/23/22 16:15	7439-89-6	
Manganese	0.060	mg/L	0.020	0.0061	5	11/16/22 06:22	11/23/22 16:15	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.012	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 07:15	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 07:15	7440-47-3	
Iron, Dissolved	0.074J	mg/L	0.25	0.058	1	11/16/22 06:10	11/28/22 19:12	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 07:15	7439-92-1	
Manganese, Dissolved	0.035	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 07:15	7439-96-5	
Nickel, Dissolved	0.00054J	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 07:15	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		11/02/22 03:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:46	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 03:46	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 03:46	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 03:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 03:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 03:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 03:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 03:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 03:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 03:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 03:46	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 03:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 03:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 03:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 03:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 03:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 03:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 03:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 03:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 03:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 03:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 03:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 03:46	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:46	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-82D**      **Lab ID: 40253744019**      Collected: 10/25/22 10:00      Received: 10/26/22 07:45      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		11/02/22 03:46	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		11/02/22 03:46	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 03:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 03:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 03:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:46	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 03:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 03:46	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:46	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 03:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 03:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 03:46	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 03:46	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 03:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 03:46	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 03:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 03:46	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 03:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 03:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:46	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/02/22 03:46	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 03:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 03:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 03:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 03:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 03:46	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 03:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 03:46	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 03:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 03:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 03:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 03:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 03:46	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 03:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 03:46	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/02/22 03:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/02/22 03:46	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/02/22 03:46	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<12.0	mg/L	39.9	12.0	10		10/31/22 13:48		D3
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

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**Sample: MW-82D**      **Lab ID: 40253744019**      Collected: 10/25/22 10:00      Received: 10/26/22 07:45      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>47.9</b>	mg/L	20.0	4.3	10		11/04/22 21:35	16887-00-6	
Sulfate	<b>6.2J</b>	mg/L	20.0	4.4	10		11/04/22 21:35	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>175</b>	mg/L	125	37.2	5		10/28/22 13:58		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>62.3</b>	mg/L	50.0	14.7	1	11/08/22 03:40	11/08/22 06:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>4.1</b>	mg/L	0.50	0.14	1		11/04/22 20:35	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-80**      **Lab ID: 40253744020**      Collected: 10/25/22 10:35      Received: 10/26/22 07:45      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		11/02/22 01:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 01:22	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 01:22	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 01:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 01:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 01:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 01:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 01:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 01:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 01:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 01:22	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 01:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 01:22	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 01:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 01:22	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 01:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 01:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 01:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 01:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 01:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 01:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 01:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 01:22	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:22	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 01:22	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 01:22	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 01:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 01:22	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 01:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:22	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 01:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 01:22	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:22	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 01:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 01:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 01:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 01:22	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 01:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 01:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 01:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 01:22	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 01:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 01:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:22	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-80**      **Lab ID: 40253744020**      Collected: 10/25/22 10:35      Received: 10/26/22 07:45      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		11/02/22 01:22	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 01:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 01:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 01:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 01:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 01:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 01:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 01:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 01:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 01:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 01:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:22	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 01:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 01:22	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/02/22 01:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/02/22 01:22	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/02/22 01:22	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-65**      **Lab ID: 40253744021**      Collected: 10/25/22 11:20      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	5.5J	ug/L	5.6	0.39	1		10/28/22 12:52	74-84-0	
Ethene	293	ug/L	5.0	0.25	1		10/28/22 12:52	74-85-1	
Methane	702	ug/L	14.0	2.9	5		10/28/22 14:34	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	34.5	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 17:36	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 17:36	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.2	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/24/22 15:53	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 07:22	7440-47-3	
Iron, Dissolved	36.3	mg/L	0.25	0.058	1	11/16/22 06:10	11/27/22 07:22	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 07:22	7439-92-1	
Manganese, Dissolved	0.14	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 07:22	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 07:22	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		11/02/22 04:07	71-43-2	
Bromobenzene	<0.90	ug/L	2.5	0.90	2.5		11/02/22 04:07	108-86-1	
Bromochloromethane	<0.89	ug/L	12.5	0.89	2.5		11/02/22 04:07	74-97-5	
Bromodichloromethane	<1.0	ug/L	2.5	1.0	2.5		11/02/22 04:07	75-27-4	
Bromoform	<9.5	ug/L	12.5	9.5	2.5		11/02/22 04:07	75-25-2	
Bromomethane	<3.0	ug/L	12.5	3.0	2.5		11/02/22 04:07	74-83-9	
n-Butylbenzene	<2.1	ug/L	2.5	2.1	2.5		11/02/22 04:07	104-51-8	
sec-Butylbenzene	<1.1	ug/L	2.5	1.1	2.5		11/02/22 04:07	135-98-8	
tert-Butylbenzene	<1.5	ug/L	2.5	1.5	2.5		11/02/22 04:07	98-06-6	
Carbon tetrachloride	<0.92	ug/L	2.5	0.92	2.5		11/02/22 04:07	56-23-5	
Chlorobenzene	<2.1	ug/L	2.5	2.1	2.5		11/02/22 04:07	108-90-7	
Chloroethane	<3.4	ug/L	12.5	3.4	2.5		11/02/22 04:07	75-00-3	
Chloroform	<3.0	ug/L	12.5	3.0	2.5		11/02/22 04:07	67-66-3	
Chloromethane	<4.1	ug/L	12.5	4.1	2.5		11/02/22 04:07	74-87-3	
2-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		11/02/22 04:07	95-49-8	
4-Chlorotoluene	<2.2	ug/L	12.5	2.2	2.5		11/02/22 04:07	106-43-4	
1,2-Dibromo-3-chloropropane	<5.9	ug/L	12.5	5.9	2.5		11/02/22 04:07	96-12-8	
Dibromochloromethane	<6.6	ug/L	12.5	6.6	2.5		11/02/22 04:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.77	ug/L	2.5	0.77	2.5		11/02/22 04:07	106-93-4	
Dibromomethane	<2.5	ug/L	12.5	2.5	2.5		11/02/22 04:07	74-95-3	
1,2-Dichlorobenzene	<0.81	ug/L	2.5	0.81	2.5		11/02/22 04:07	95-50-1	
1,3-Dichlorobenzene	<0.88	ug/L	2.5	0.88	2.5		11/02/22 04:07	541-73-1	
1,4-Dichlorobenzene	<2.2	ug/L	2.5	2.2	2.5		11/02/22 04:07	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	12.5	1.1	2.5		11/02/22 04:07	75-71-8	
1,1-Dichloroethane	<0.74	ug/L	2.5	0.74	2.5		11/02/22 04:07	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-65**      **Lab ID: 40253744021**      Collected: 10/25/22 11:20      Received: 10/26/22 07:45      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		11/02/22 04:07	107-06-2	
1,1-Dichloroethene	1.9J	ug/L	2.5	1.5	2.5		11/02/22 04:07	75-35-4	
cis-1,2-Dichloroethene	3220	ug/L	100	47.2	100		11/02/22 09:22	156-59-2	
trans-1,2-Dichloroethene	32.3	ug/L	2.5	1.3	2.5		11/02/22 04:07	156-60-5	
1,2-Dichloropropane	<1.1	ug/L	2.5	1.1	2.5		11/02/22 04:07	78-87-5	
1,3-Dichloropropane	<0.76	ug/L	2.5	0.76	2.5		11/02/22 04:07	142-28-9	
2,2-Dichloropropane	<10.4	ug/L	12.5	10.4	2.5		11/02/22 04:07	594-20-7	
1,1-Dichloropropene	<1.0	ug/L	2.5	1.0	2.5		11/02/22 04:07	563-58-6	
cis-1,3-Dichloropropene	<0.90	ug/L	2.5	0.90	2.5		11/02/22 04:07	10061-01-5	
trans-1,3-Dichloropropene	<8.7	ug/L	12.5	8.7	2.5		11/02/22 04:07	10061-02-6	
Diisopropyl ether	<2.8	ug/L	12.5	2.8	2.5		11/02/22 04:07	108-20-3	
Ethylbenzene	<0.81	ug/L	2.5	0.81	2.5		11/02/22 04:07	100-41-4	
Hexachloro-1,3-butadiene	<6.8	ug/L	12.5	6.8	2.5		11/02/22 04:07	87-68-3	
Isopropylbenzene (Cumene)	<2.5	ug/L	12.5	2.5	2.5		11/02/22 04:07	98-82-8	
p-Isopropyltoluene	<2.6	ug/L	12.5	2.6	2.5		11/02/22 04:07	99-87-6	
Methylene Chloride	<0.80	ug/L	12.5	0.80	2.5		11/02/22 04:07	75-09-2	
Methyl-tert-butyl ether	<2.8	ug/L	12.5	2.8	2.5		11/02/22 04:07	1634-04-4	
Naphthalene	<2.8	ug/L	12.5	2.8	2.5		11/02/22 04:07	91-20-3	
n-Propylbenzene	<0.86	ug/L	2.5	0.86	2.5		11/02/22 04:07	103-65-1	
Styrene	<0.89	ug/L	2.5	0.89	2.5		11/02/22 04:07	100-42-5	
1,1,1,2-Tetrachloroethane	<0.89	ug/L	2.5	0.89	2.5		11/02/22 04:07	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.94	ug/L	2.5	0.94	2.5		11/02/22 04:07	79-34-5	
Tetrachloroethene	<1.0	ug/L	2.5	1.0	2.5		11/02/22 04:07	127-18-4	
Toluene	<0.72	ug/L	2.5	0.72	2.5		11/02/22 04:07	108-88-3	
1,2,3-Trichlorobenzene	<2.5	ug/L	12.5	2.5	2.5		11/02/22 04:07	87-61-6	
1,2,4-Trichlorobenzene	<2.4	ug/L	12.5	2.4	2.5		11/02/22 04:07	120-82-1	
1,1,1-Trichloroethane	<0.76	ug/L	2.5	0.76	2.5		11/02/22 04:07	71-55-6	
1,1,2-Trichloroethane	<0.86	ug/L	12.5	0.86	2.5		11/02/22 04:07	79-00-5	
Trichloroethene	<0.80	ug/L	2.5	0.80	2.5		11/02/22 04:07	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	2.5	1.0	2.5		11/02/22 04:07	75-69-4	
1,2,3-Trichloropropane	<1.4	ug/L	12.5	1.4	2.5		11/02/22 04:07	96-18-4	
1,2,4-Trimethylbenzene	<1.1	ug/L	2.5	1.1	2.5		11/02/22 04:07	95-63-6	
1,3,5-Trimethylbenzene	<0.89	ug/L	2.5	0.89	2.5		11/02/22 04:07	108-67-8	
Vinyl chloride	1140	ug/L	100	17.4	100		11/02/22 09:22	75-01-4	
Xylene (Total)	<2.6	ug/L	7.5	2.6	2.5		11/02/22 04:07	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		2.5		11/02/22 04:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		2.5		11/02/22 04:07	2199-69-1	
Toluene-d8 (S)	97	%	70-130		2.5		11/02/22 04:07	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		10/31/22 13:49		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-65**      **Lab ID: 40253744021**      Collected: 10/25/22 11:20      Received: 10/26/22 07:45      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>1140</b>	mg/L	100	21.6	50		11/09/22 06:10	16887-00-6	
Sulfate	<b>5.6J</b>	mg/L	20.0	4.4	10		11/09/22 05:55	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>609</b>	mg/L	125	37.2	5		10/28/22 13:59		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>96.2</b>	mg/L	50.0	14.7	1	11/08/22 03:40	11/08/22 06:49		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>27.8</b>	mg/L	1.5	0.42	3		11/04/22 20:52	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-79**      **Lab ID: 40253744022**      Collected: 10/25/22 11:30      Received: 10/26/22 07:45      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		11/02/22 01:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 01:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 01:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 01:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 01:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 01:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 01:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 01:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 01:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 01:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 01:42	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 01:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 01:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 01:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 01:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 01:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 01:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 01:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 01:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 01:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 01:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 01:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 01:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 01:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 01:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 01:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 01:42	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 01:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:42	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 01:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 01:42	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:42	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 01:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 01:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 01:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 01:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 01:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 01:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 01:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 01:42	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 01:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 01:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:42	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-79**      **Lab ID: 40253744022**      Collected: 10/25/22 11:30      Received: 10/26/22 07:45      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		11/02/22 01:42	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 01:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 01:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 01:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 01:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 01:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 01:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 01:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 01:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 01:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 01:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 01:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 01:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 01:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 01:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/02/22 01:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/02/22 01:42	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/02/22 01:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-44**      **Lab ID: 40253744023**      Collected: 10/25/22 12:10      Received: 10/26/22 07:45      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		11/02/22 02:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 02:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 02:03	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 02:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 02:03	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 02:03	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 02:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 02:03	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 02:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 02:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 02:03	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 02:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 02:03	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 02:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 02:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 02:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 02:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 02:03	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 02:03	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 02:03	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 02:03	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 02:03	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 02:03	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:03	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 02:03	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 02:03	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 02:03	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 02:03	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 02:03	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:03	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 02:03	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 02:03	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:03	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 02:03	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 02:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 02:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 02:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 02:03	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 02:03	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 02:03	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 02:03	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 02:03	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 02:03	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:03	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-44**      **Lab ID: 40253744023**      Collected: 10/25/22 12:10      Received: 10/26/22 07:45      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		11/02/22 02:03	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 02:03	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 02:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 02:03	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 02:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 02:03	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 02:03	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 02:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 02:03	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 02:03	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 02:03	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:03	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 02:03	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 02:03	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/02/22 02:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 02:03	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/02/22 02:03	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-108**      **Lab ID: 40253744024**      Collected: 10/25/22 12:10      Received: 10/26/22 07:45      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		11/02/22 02:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 02:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 02:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 02:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 02:24	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 02:24	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 02:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 02:24	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 02:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 02:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 02:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 02:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 02:24	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 02:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 02:24	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 02:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 02:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 02:24	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 02:24	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 02:24	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 02:24	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 02:24	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 02:24	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:24	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 02:24	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 02:24	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 02:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 02:24	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 02:24	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:24	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 02:24	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 02:24	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:24	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 02:24	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 02:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 02:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 02:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 02:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 02:24	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 02:24	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 02:24	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 02:24	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 02:24	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:24	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-108**      **Lab ID: 40253744024**      Collected: 10/25/22 12:10      Received: 10/26/22 07:45      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		11/02/22 02:24	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 02:24	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 02:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 02:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 02:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 02:24	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 02:24	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 02:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 02:24	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 02:24	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 02:24	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:24	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 02:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 02:24	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		11/02/22 02:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 02:24	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/02/22 02:24	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-206**      **Lab ID: 40253744025**      Collected: 10/25/22 13:20      Received: 10/26/22 07:45      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		11/02/22 02:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 02:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 02:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 02:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 02:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 02:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 02:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 02:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 02:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 02:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 02:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 02:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 02:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 02:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 02:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 02:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 02:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 02:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 02:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 02:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 02:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 02:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 02:44	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:44	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 02:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 02:44	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 02:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 02:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 02:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:44	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 02:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 02:44	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:44	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 02:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 02:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 02:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 02:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 02:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 02:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 02:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 02:44	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 02:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 02:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:44	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-206**      **Lab ID: 40253744025**      Collected: 10/25/22 13:20      Received: 10/26/22 07:45      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		11/02/22 02:44	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 02:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 02:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 02:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 02:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 02:44	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 02:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 02:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 02:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 02:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 02:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 02:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 02:44	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 02:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 02:44	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		11/02/22 02:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/02/22 02:44	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/02/22 02:44	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-103**      **Lab ID: 40253744026**      Collected: 10/25/22 13:30      Received: 10/26/22 07:45      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		11/02/22 22:17	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 22:17	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 22:17	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 22:17	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 22:17	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 22:17	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 22:17	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 22:17	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 22:17	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 22:17	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 22:17	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 22:17	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 22:17	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 22:17	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 22:17	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 22:17	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 22:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 22:17	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 22:17	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 22:17	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 22:17	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 22:17	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 22:17	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 22:17	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 22:17	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 22:17	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 22:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 22:17	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 22:17	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 22:17	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 22:17	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 22:17	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:17	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 22:17	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 22:17	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 22:17	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 22:17	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 22:17	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 22:17	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 22:17	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 22:17	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 22:17	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 22:17	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:17	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-103**      **Lab ID: 40253744026**      Collected: 10/25/22 13:30      Received: 10/26/22 07:45      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		11/02/22 22:17	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 22:17	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 22:17	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 22:17	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 22:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 22:17	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 22:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 22:17	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 22:17	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 22:17	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 22:17	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 22:17	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:17	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 22:17	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 22:17	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/02/22 22:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/02/22 22:17	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/02/22 22:17	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-102**      **Lab ID: 40253744027**      Collected: 10/25/22 14:00      Received: 10/26/22 07:45      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		11/02/22 21:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 21:56	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 21:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 21:56	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 21:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 21:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 21:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 21:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 21:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 21:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 21:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 21:56	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 21:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 21:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 21:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 21:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 21:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 21:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 21:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 21:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 21:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 21:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 21:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 21:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 21:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 21:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 21:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 21:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 21:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 21:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 21:56	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 21:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 21:56	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 21:56	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 21:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 21:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 21:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 21:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 21:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 21:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 21:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 21:56	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 21:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 21:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 21:56	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-102**      **Lab ID: 40253744027**      Collected: 10/25/22 14:00      Received: 10/26/22 07:45      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		11/02/22 21:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 21:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 21:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 21:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 21:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 21:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 21:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 21:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 21:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 21:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 21:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 21:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 21:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 21:56	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 21:56	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/02/22 21:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/02/22 21:56	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/02/22 21:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253744

**Sample: MW-101**      **Lab ID: 40253744028**      Collected: 10/25/22 14:00      Received: 10/26/22 07:45      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		11/02/22 22:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/02/22 22:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 22:37	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/02/22 22:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/02/22 22:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 22:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/02/22 22:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/02/22 22:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/02/22 22:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/02/22 22:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/02/22 22:37	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/02/22 22:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/02/22 22:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 22:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/02/22 22:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/02/22 22:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/02/22 22:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/02/22 22:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/02/22 22:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 22:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 22:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/02/22 22:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/02/22 22:37	75-71-8	
1,1-Dichloroethane	0.34J	ug/L	1.0	0.30	1		11/02/22 22:37	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/02/22 22:37	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/02/22 22:37	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/02/22 22:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/02/22 22:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/02/22 22:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/02/22 22:37	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/02/22 22:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/02/22 22:37	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:37	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/02/22 22:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 22:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/02/22 22:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/02/22 22:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/02/22 22:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/02/22 22:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/02/22 22:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/02/22 22:37	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/02/22 22:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/02/22 22:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:37	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253744

**Sample: MW-101**      **Lab ID: 40253744028**      Collected: 10/25/22 14:00      Received: 10/26/22 07:45      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		11/02/22 22:37	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/02/22 22:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/02/22 22:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/02/22 22:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/02/22 22:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/02/22 22:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/02/22 22:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/02/22 22:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/02/22 22:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/02/22 22:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/02/22 22:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/02/22 22:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/02/22 22:37	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/02/22 22:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/02/22 22:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/02/22 22:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/02/22 22:37	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/02/22 22:37	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 429861 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: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2475729 Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	10/28/22 10:15	
Ethene	ug/L	<0.25	5.0	10/28/22 10:15	
Methane	ug/L	0.71J	2.8	10/28/22 10:15	

LABORATORY CONTROL SAMPLE & LCSD: 2475730

Parameter	Units	2475731		LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result						
Ethane	ug/L	53.6	50.3	94	92	74-120	2	20	
Ethene	ug/L	50	46.7	93	92	71-122	1	20	
Methane	ug/L	28.6	28.1	98	97	73-120	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475732

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253459003 Result	Spike Conc.	Spike Conc.	MS Result						
Ethane	ug/L		53.6	53.6	46.6	87	91	70-120	4	20	
Ethene	ug/L		50	50	43.5	87	90	68-122	4	20	
Methane	ug/L	1.9J	28.6	28.6	26.2	85	90	10-200	5	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 431621 Analysis Method: EPA 6020B  
QC Batch Method: EPA 3010A Analysis Description: 6020B MET  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2485506 Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	11/23/22 16:37	
Manganese	mg/L	<0.0012	0.0040	11/23/22 16:37	

LABORATORY CONTROL SAMPLE: 2485507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	9.6	96	80-120	
Manganese	mg/L	0.25	0.24	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485508 2485509

Parameter	Units	40253744008		2485509		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	mg/L	0.30	10	10	9.5	92	95	75-125	3	20	
Manganese	mg/L	0.12	0.25	0.25	0.36	94	100	75-125	4	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 431619 Analysis Method: EPA 6020B  
QC Batch Method: EPA 3010A Analysis Description: 6020B MET Dissolved  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2485496 Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	11/27/22 15:18	
Chromium, Dissolved	mg/L	<0.0010	0.0034	11/27/22 15:18	
Iron, Dissolved	mg/L	<0.058	0.25	11/27/22 15:18	
Lead, Dissolved	mg/L	<0.00024	0.0010	11/27/22 15:18	
Manganese, Dissolved	mg/L	<0.0012	0.0040	11/27/22 15:18	
Nickel, Dissolved	mg/L	<0.00028	0.0010	11/27/22 15:18	

LABORATORY CONTROL SAMPLE: 2485497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	99	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	98	80-120	
Iron, Dissolved	mg/L	10	10.1	101	80-120	
Lead, Dissolved	mg/L	0.25	0.25	101	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	101	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485498 2485499

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253744008 Result	Spike Conc.	Spike Conc.	Conc.								
Barium, Dissolved	mg/L	0.16	0.25	0.25	0.42	0.42	102	104	75-125	1	20		
Chromium, Dissolved	mg/L	0.0014J	0.25	0.25	0.24	0.25	95	98	75-125	2	20		
Iron, Dissolved	mg/L	0.066J	10	10	9.7	9.9	96	99	75-125	3	20		
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.27	105	107	75-125	2	20		
Manganese, Dissolved	mg/L	0.064	0.25	0.25	0.31	0.31	98	99	75-125	1	20		
Nickel, Dissolved	mg/L	0.0038	0.25	0.25	0.24	0.25	96	98	75-125	1	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch:	430073	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253744001, 40253744002, 40253744003, 40253744004, 40253744005, 40253744006, 40253744007, 40253744008, 40253744009, 40253744010, 40253744011, 40253744012, 40253744013

METHOD BLANK: 2477121 Matrix: Water  
Associated Lab Samples: 40253744001, 40253744002, 40253744003, 40253744004, 40253744005, 40253744006, 40253744007, 40253744008, 40253744009, 40253744010, 40253744011, 40253744012, 40253744013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/02/22 07:57	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/02/22 07:57	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/02/22 07:57	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/02/22 07:57	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/02/22 07:57	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/02/22 07:57	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/02/22 07:57	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/02/22 07:57	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/02/22 07:57	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/02/22 07:57	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/02/22 07:57	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/02/22 07:57	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/02/22 07:57	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/02/22 07:57	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/02/22 07:57	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/02/22 07:57	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/02/22 07:57	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/02/22 07:57	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/02/22 07:57	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/02/22 07:57	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/02/22 07:57	
2-Butanone (MEK)	ug/L	<6.5	25.0	11/02/22 07:57	
2-Chlorotoluene	ug/L	<0.89	5.0	11/02/22 07:57	
2-Hexanone	ug/L	<6.3	25.0	11/02/22 07:57	
4-Chlorotoluene	ug/L	<0.89	5.0	11/02/22 07:57	
4-Methyl-2-pentanone (MIBK)	ug/L	<6.0	25.0	11/02/22 07:57	
Acetone	ug/L	<8.6	25.0	11/02/22 07:57	
Benzene	ug/L	<0.30	1.0	11/02/22 07:57	
Bromobenzene	ug/L	<0.36	1.0	11/02/22 07:57	
Bromochloromethane	ug/L	<0.36	5.0	11/02/22 07:57	
Bromodichloromethane	ug/L	<0.42	1.0	11/02/22 07:57	
Bromoform	ug/L	<3.8	5.0	11/02/22 07:57	
Bromomethane	ug/L	<1.2	5.0	11/02/22 07:57	
Carbon disulfide	ug/L	<1.1	5.0	11/02/22 07:57	
Carbon tetrachloride	ug/L	<0.37	1.0	11/02/22 07:57	
Chlorobenzene	ug/L	<0.86	1.0	11/02/22 07:57	
Chloroethane	ug/L	<1.4	5.0	11/02/22 07:57	
Chloroform	ug/L	<1.2	5.0	11/02/22 07:57	
Chloromethane	ug/L	<1.6	5.0	11/02/22 07:57	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

METHOD BLANK: 2477121

Matrix: Water

Associated Lab Samples: 40253744001, 40253744002, 40253744003, 40253744004, 40253744005, 40253744006, 40253744007, 40253744008, 40253744009, 40253744010, 40253744011, 40253744012, 40253744013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/02/22 07:57	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/02/22 07:57	
Dibromochloromethane	ug/L	<2.6	5.0	11/02/22 07:57	
Dibromomethane	ug/L	<0.99	5.0	11/02/22 07:57	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/02/22 07:57	
Diisopropyl ether	ug/L	<1.1	5.0	11/02/22 07:57	
Ethylbenzene	ug/L	<0.33	1.0	11/02/22 07:57	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/02/22 07:57	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/02/22 07:57	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/02/22 07:57	
Methylene Chloride	ug/L	<0.32	5.0	11/02/22 07:57	
n-Butylbenzene	ug/L	<0.86	1.0	11/02/22 07:57	
n-Propylbenzene	ug/L	<0.35	1.0	11/02/22 07:57	
Naphthalene	ug/L	<1.1	5.0	11/02/22 07:57	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/02/22 07:57	
sec-Butylbenzene	ug/L	<0.42	1.0	11/02/22 07:57	
Styrene	ug/L	<0.36	1.0	11/02/22 07:57	
tert-Butylbenzene	ug/L	<0.59	1.0	11/02/22 07:57	
Tetrachloroethene	ug/L	<0.41	1.0	11/02/22 07:57	
Toluene	ug/L	<0.29	1.0	11/02/22 07:57	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/02/22 07:57	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/02/22 07:57	
Trichloroethene	ug/L	<0.32	1.0	11/02/22 07:57	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/02/22 07:57	
Vinyl chloride	ug/L	<0.17	1.0	11/02/22 07:57	
Xylene (Total)	ug/L	<1.0	3.0	11/02/22 07:57	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	11/02/22 07:57	
4-Bromofluorobenzene (S)	%	104	70-130	11/02/22 07:57	
Toluene-d8 (S)	%	101	70-130	11/02/22 07:57	

LABORATORY CONTROL SAMPLE: 2477122

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.2	98	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	69-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	53.6	107	70-130	
1,1-Dichloroethene	ug/L	50	62.2	124	74-131	
1,2,4-Trichlorobenzene	ug/L	50	44.8	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.6	89	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	70-130	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dichloroethane	ug/L	50	52.7	105	70-137	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

LABORATORY CONTROL SAMPLE: 2477122

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	53.8	108	80-121	
1,3-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,4-Dichlorobenzene	ug/L	50	47.0	94	70-130	
Benzene	ug/L	50	52.1	104	70-130	
Bromodichloromethane	ug/L	50	48.7	97	70-130	
Bromoform	ug/L	50	45.6	91	70-130	
Bromomethane	ug/L	50	67.5	135	21-147	
Carbon disulfide	ug/L	50	63.7	127	70-130	
Carbon tetrachloride	ug/L	50	51.2	102	80-146	
Chlorobenzene	ug/L	50	49.9	100	70-130	
Chloroethane	ug/L	50	63.3	127	52-165	
Chloroform	ug/L	50	51.2	102	80-123	
Chloromethane	ug/L	50	56.6	113	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.0	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.7	95	70-130	
Dibromochloromethane	ug/L	50	45.6	91	70-130	
Dichlorodifluoromethane	ug/L	50	48.5	97	25-121	
Ethylbenzene	ug/L	50	51.6	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	70-130	
Methyl-tert-butyl ether	ug/L	50	43.7	87	70-130	
Methylene Chloride	ug/L	50	60.6	121	70-130	
Styrene	ug/L	50	52.5	105	70-130	
Tetrachloroethene	ug/L	50	46.4	93	70-130	
Toluene	ug/L	50	50.9	102	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	70-130	
Trichloroethene	ug/L	50	51.8	104	70-130	
Trichlorofluoromethane	ug/L	50	63.0	126	65-160	
Vinyl chloride	ug/L	50	57.4	115	63-134	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478659 2478660

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253744009 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.2	50.3	100	101	70-134	0	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	49.6	50.6	99	101	61-135	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.8	50.9	100	102	70-130	2	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	54.5	54.3	109	109	70-130	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	62.9	62.3	126	125	71-130	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.3	45.0	91	90	68-131	1	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

Parameter	Units	2478659		2478660		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253744009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	45.3	47.8	91	96	51-141	5	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.8	48.9	98	98	70-130	0	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.3	48.4	97	97	70-130	0	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	52.5	52.7	105	105	70-137	0	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	53.6	53.8	107	108	80-121	0	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	48.4	49.4	97	99	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	47.5	47.9	95	96	70-130	1	20		
Benzene	ug/L	<0.30	50	50	52.3	52.0	105	104	70-130	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	49.3	49.6	99	99	70-130	1	20		
Bromoform	ug/L	<3.8	50	50	45.7	44.9	91	90	70-133	2	20		
Bromomethane	ug/L	<1.2	50	50	71.3	71.7	143	143	21-149	0	22		
Carbon disulfide	ug/L	<1.1	50	50	64.8	64.1	130	128	70-130	1	20		
Carbon tetrachloride	ug/L	<0.37	50	50	50.8	51.5	102	103	80-146	1	20		
Chlorobenzene	ug/L	<0.86	50	50	51.0	50.5	102	101	70-130	1	20		
Chloroethane	ug/L	<1.4	50	50	61.4	63.4	123	127	52-165	3	20		
Chloroform	ug/L	<1.2	50	50	51.6	51.6	103	103	80-123	0	20		
Chloromethane	ug/L	<1.6	50	50	64.0	63.1	128	126	42-125	1	20	M1	
cis-1,2-Dichloroethene	ug/L	7.8	50	50	56.8	57.1	98	99	70-130	1	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	47.7	47.4	95	95	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	46.4	46.2	93	92	70-130	0	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	48.5	47.1	97	94	25-121	3	20		
Ethylbenzene	ug/L	<0.33	50	50	52.9	52.5	106	105	80-121	1	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.8	52.2	106	104	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	42.5	41.8	85	84	70-130	2	20		
Methylene Chloride	ug/L	<0.32	50	50	61.6	60.1	123	120	70-130	3	20		
Styrene	ug/L	<0.36	50	50	52.9	52.6	106	105	70-132	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	47.2	47.2	94	94	70-130	0	20		
Toluene	ug/L	<0.29	50	50	51.2	51.7	102	103	80-120	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.9	51.8	103	103	70-130	0	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	47.2	47.0	94	94	70-130	0	20		
Trichloroethene	ug/L	<0.32	50	50	51.2	52.1	102	104	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	64.0	63.2	128	126	65-160	1	20		
Vinyl chloride	ug/L	4.1	50	50	64.0	62.6	120	117	60-137	2	20		
Xylene (Total)	ug/L	<1.0	150	150	155	153	103	102	70-130	1	20		
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130				
4-Bromofluorobenzene (S)	%						104	104	70-130				
Toluene-d8 (S)	%						102	100	70-130				

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch:	430074	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253744014, 40253744015, 40253744016, 40253744017, 40253744018, 40253744019, 40253744020, 40253744021, 40253744022, 40253744023, 40253744024, 40253744025

METHOD BLANK: 2477123 Matrix: Water  
Associated Lab Samples: 40253744014, 40253744015, 40253744016, 40253744017, 40253744018, 40253744019, 40253744020, 40253744021, 40253744022, 40253744023, 40253744024, 40253744025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/01/22 17:26	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/01/22 17:26	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/01/22 17:26	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/01/22 17:26	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/01/22 17:26	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/01/22 17:26	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/01/22 17:26	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/01/22 17:26	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/01/22 17:26	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/01/22 17:26	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/01/22 17:26	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/01/22 17:26	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/01/22 17:26	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/01/22 17:26	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/01/22 17:26	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/01/22 17:26	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/01/22 17:26	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/01/22 17:26	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/01/22 17:26	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/01/22 17:26	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/01/22 17:26	
2-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 17:26	
4-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 17:26	
Benzene	ug/L	<0.30	1.0	11/01/22 17:26	
Bromobenzene	ug/L	<0.36	1.0	11/01/22 17:26	
Bromochloromethane	ug/L	<0.36	5.0	11/01/22 17:26	
Bromodichloromethane	ug/L	<0.42	1.0	11/01/22 17:26	
Bromoform	ug/L	<3.8	5.0	11/01/22 17:26	
Bromomethane	ug/L	<1.2	5.0	11/01/22 17:26	
Carbon tetrachloride	ug/L	<0.37	1.0	11/01/22 17:26	
Chlorobenzene	ug/L	<0.86	1.0	11/01/22 17:26	
Chloroethane	ug/L	<1.4	5.0	11/01/22 17:26	
Chloroform	ug/L	<1.2	5.0	11/01/22 17:26	
Chloromethane	ug/L	<1.6	5.0	11/01/22 17:26	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/01/22 17:26	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/01/22 17:26	
Dibromochloromethane	ug/L	<2.6	5.0	11/01/22 17:26	
Dibromomethane	ug/L	<0.99	5.0	11/01/22 17:26	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/01/22 17:26	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

METHOD BLANK: 2477123

Matrix: Water

Associated Lab Samples: 40253744014, 40253744015, 40253744016, 40253744017, 40253744018, 40253744019, 40253744020, 40253744021, 40253744022, 40253744023, 40253744024, 40253744025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	11/01/22 17:26	
Ethylbenzene	ug/L	<0.33	1.0	11/01/22 17:26	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/01/22 17:26	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/01/22 17:26	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/01/22 17:26	
Methylene Chloride	ug/L	<0.32	5.0	11/01/22 17:26	
n-Butylbenzene	ug/L	<0.86	1.0	11/01/22 17:26	
n-Propylbenzene	ug/L	<0.35	1.0	11/01/22 17:26	
Naphthalene	ug/L	<1.1	5.0	11/01/22 17:26	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/01/22 17:26	
sec-Butylbenzene	ug/L	<0.42	1.0	11/01/22 17:26	
Styrene	ug/L	<0.36	1.0	11/01/22 17:26	
tert-Butylbenzene	ug/L	<0.59	1.0	11/01/22 17:26	
Tetrachloroethene	ug/L	<0.41	1.0	11/01/22 17:26	
Toluene	ug/L	<0.29	1.0	11/01/22 17:26	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/01/22 17:26	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/01/22 17:26	
Trichloroethene	ug/L	<0.32	1.0	11/01/22 17:26	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/01/22 17:26	
Vinyl chloride	ug/L	<0.17	1.0	11/01/22 17:26	
Xylene (Total)	ug/L	<1.0	3.0	11/01/22 17:26	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	11/01/22 17:26	
4-Bromofluorobenzene (S)	%	103	70-130	11/01/22 17:26	
Toluene-d8 (S)	%	102	70-130	11/01/22 17:26	

LABORATORY CONTROL SAMPLE: 2477124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.8	112	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	69-130	
1,1,2-Trichloroethane	ug/L	50	53.2	106	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	57.7	115	74-131	
1,2,4-Trichlorobenzene	ug/L	50	46.1	92	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.7	85	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	47.7	95	70-130	
1,2-Dichlorobenzene	ug/L	50	52.8	106	70-130	
1,2-Dichloroethane	ug/L	50	53.9	108	70-137	
1,2-Dichloropropane	ug/L	50	53.8	108	80-121	
1,3-Dichlorobenzene	ug/L	50	53.7	107	70-130	
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	
Benzene	ug/L	50	55.4	111	70-130	
Bromodichloromethane	ug/L	50	53.6	107	70-130	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

LABORATORY CONTROL SAMPLE: 2477124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	48.0	96	70-130	
Bromomethane	ug/L	50	44.4	89	21-147	
Carbon tetrachloride	ug/L	50	54.5	109	80-146	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	50.0	100	52-165	
Chloroform	ug/L	50	55.0	110	80-123	
Chloromethane	ug/L	50	52.8	106	51-122	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.4	105	70-130	
Dibromochloromethane	ug/L	50	51.4	103	70-130	
Dichlorodifluoromethane	ug/L	50	50.9	102	25-121	
Ethylbenzene	ug/L	50	57.9	116	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.7	115	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	53.0	106	70-130	
Styrene	ug/L	50	57.4	115	70-130	
Tetrachloroethene	ug/L	50	53.5	107	70-130	
Toluene	ug/L	50	55.0	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	56.5	113	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.2	92	70-130	
Trichloroethene	ug/L	50	55.5	111	70-130	
Trichlorofluoromethane	ug/L	50	58.3	117	65-160	
Vinyl chloride	ug/L	50	51.5	103	63-134	
Xylene (Total)	ug/L	150	168	112	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478077 2478078

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253744014 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50	54.7	55.6	109	111	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50	55.0	54.1	110	108	61-135	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50	51.3	50.9	103	102	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	50	53.0	54.4	106	109	70-130	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50	59.7	57.2	119	114	71-130	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50	45.8	47.3	92	95	68-131	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50	50.9	51.7	102	103	51-141	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50	49.2	47.9	98	96	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50	53.2	52.4	106	105	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	50	52.9	52.4	106	105	70-137	1	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	50	53.6	52.7	107	105	80-121	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50	53.4	54.6	107	109	70-130	2	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478077		2478078		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40253744014 Result	MS Spike Conc.	MSD Spike Conc.									
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.1	49.3	100	99	70-130	2	20		
Benzene	ug/L	<0.30	50	50	54.6	55.1	109	110	70-130	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	51.6	51.6	103	103	70-130	0	20		
Bromoform	ug/L	<3.8	50	50	48.2	47.2	96	94	70-133	2	20		
Bromomethane	ug/L	<1.2	50	50	49.7	50.8	99	102	21-149	2	22		
Carbon tetrachloride	ug/L	<0.37	50	50	54.6	55.7	109	111	80-146	2	20		
Chlorobenzene	ug/L	<0.86	50	50	53.1	52.1	106	104	70-130	2	20		
Chloroethane	ug/L	1.6J	50	50	54.5	56.2	106	109	52-165	3	20		
Chloroform	ug/L	<1.2	50	50	55.4	54.5	111	109	80-123	2	20		
Chloromethane	ug/L	<1.6	50	50	52.2	55.3	104	111	42-125	6	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.4	52.7	103	105	70-130	2	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	50.5	50.4	101	101	70-130	0	20		
Dibromochloromethane	ug/L	<2.6	50	50	52.3	51.0	105	102	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	46.0	44.4	92	89	25-121	3	20		
Ethylbenzene	ug/L	<0.33	50	50	58.2	56.8	116	114	80-121	2	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	56.9	55.6	114	111	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	51.1	50.4	102	101	70-130	1	20		
Methylene Chloride	ug/L	<0.32	50	50	53.8	54.8	108	110	70-130	2	20		
Styrene	ug/L	<0.36	50	50	57.1	56.7	114	113	70-132	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.0	52.6	106	105	70-130	1	20		
Toluene	ug/L	<0.29	50	50	55.4	53.9	111	108	80-120	3	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	56.0	56.6	112	113	70-130	1	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	45.6	44.5	91	89	70-130	2	20		
Trichloroethene	ug/L	<0.32	50	50	53.3	54.9	107	110	70-130	3	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	55.6	55.3	111	111	65-160	0	20		
Vinyl chloride	ug/L	0.36J	50	50	53.1	52.6	105	104	60-137	1	20		
Xylene (Total)	ug/L	<1.0	150	150	167	165	111	110	70-130	1	20		
1,2-Dichlorobenzene-d4 (S)	%						100	98	70-130				
4-Bromofluorobenzene (S)	%						102	103	70-130				
Toluene-d8 (S)	%						103	101	70-130				

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 430348      Analysis Method: EPA 8260  
QC Batch Method: EPA 8260      Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253744026, 40253744027, 40253744028

METHOD BLANK: 2478309      Matrix: Water  
Associated Lab Samples: 40253744026, 40253744027, 40253744028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/02/22 16:45	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/02/22 16:45	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/02/22 16:45	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/02/22 16:45	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/02/22 16:45	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/02/22 16:45	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/02/22 16:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/02/22 16:45	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/02/22 16:45	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/02/22 16:45	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/02/22 16:45	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/02/22 16:45	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/02/22 16:45	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/02/22 16:45	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/02/22 16:45	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/02/22 16:45	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/02/22 16:45	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/02/22 16:45	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/02/22 16:45	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/02/22 16:45	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/02/22 16:45	
2-Chlorotoluene	ug/L	<0.89	5.0	11/02/22 16:45	
4-Chlorotoluene	ug/L	<0.89	5.0	11/02/22 16:45	
Benzene	ug/L	<0.30	1.0	11/02/22 16:45	
Bromobenzene	ug/L	<0.36	1.0	11/02/22 16:45	
Bromochloromethane	ug/L	<0.36	5.0	11/02/22 16:45	
Bromodichloromethane	ug/L	<0.42	1.0	11/02/22 16:45	
Bromoform	ug/L	<3.8	5.0	11/02/22 16:45	
Bromomethane	ug/L	<1.2	5.0	11/02/22 16:45	
Carbon tetrachloride	ug/L	<0.37	1.0	11/02/22 16:45	
Chlorobenzene	ug/L	<0.86	1.0	11/02/22 16:45	
Chloroethane	ug/L	<1.4	5.0	11/02/22 16:45	
Chloroform	ug/L	<1.2	5.0	11/02/22 16:45	
Chloromethane	ug/L	<1.6	5.0	11/02/22 16:45	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/02/22 16:45	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/02/22 16:45	
Dibromochloromethane	ug/L	<2.6	5.0	11/02/22 16:45	
Dibromomethane	ug/L	<0.99	5.0	11/02/22 16:45	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/02/22 16:45	
Diisopropyl ether	ug/L	<1.1	5.0	11/02/22 16:45	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

METHOD BLANK: 2478309 Matrix: Water

Associated Lab Samples: 40253744026, 40253744027, 40253744028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	11/02/22 16:45	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/02/22 16:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/02/22 16:45	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/02/22 16:45	
Methylene Chloride	ug/L	<0.32	5.0	11/02/22 16:45	
n-Butylbenzene	ug/L	<0.86	1.0	11/02/22 16:45	
n-Propylbenzene	ug/L	<0.35	1.0	11/02/22 16:45	
Naphthalene	ug/L	<1.1	5.0	11/02/22 16:45	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/02/22 16:45	
sec-Butylbenzene	ug/L	<0.42	1.0	11/02/22 16:45	
Styrene	ug/L	<0.36	1.0	11/02/22 16:45	
tert-Butylbenzene	ug/L	<0.59	1.0	11/02/22 16:45	
Tetrachloroethene	ug/L	<0.41	1.0	11/02/22 16:45	
Toluene	ug/L	<0.29	1.0	11/02/22 16:45	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/02/22 16:45	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/02/22 16:45	
Trichloroethene	ug/L	<0.32	1.0	11/02/22 16:45	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/02/22 16:45	
Vinyl chloride	ug/L	<0.17	1.0	11/02/22 16:45	
Xylene (Total)	ug/L	<1.0	3.0	11/02/22 16:45	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	11/02/22 16:45	
4-Bromofluorobenzene (S)	%	100	70-130	11/02/22 16:45	
Toluene-d8 (S)	%	102	70-130	11/02/22 16:45	

LABORATORY CONTROL SAMPLE: 2478310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.0	108	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	69-130	
1,1,2-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	55.3	111	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	47.7	95	70-130	
1,2-Dichlorobenzene	ug/L	50	53.9	108	70-130	
1,2-Dichloroethane	ug/L	50	52.4	105	70-137	
1,2-Dichloropropane	ug/L	50	52.7	105	80-121	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	
Benzene	ug/L	50	53.9	108	70-130	
Bromodichloromethane	ug/L	50	53.7	107	70-130	
Bromoform	ug/L	50	47.7	95	70-130	
Bromomethane	ug/L	50	43.2	86	21-147	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

LABORATORY CONTROL SAMPLE: 2478310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.1	108	80-146	
Chlorobenzene	ug/L	50	53.1	106	70-130	
Chloroethane	ug/L	50	49.6	99	52-165	
Chloroform	ug/L	50	54.6	109	80-123	
Chloromethane	ug/L	50	44.8	90	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dichlorodifluoromethane	ug/L	50	37.5	75	25-121	
Ethylbenzene	ug/L	50	57.9	116	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.5	115	70-130	
Methyl-tert-butyl ether	ug/L	50	48.9	98	70-130	
Methylene Chloride	ug/L	50	52.5	105	70-130	
Styrene	ug/L	50	57.4	115	70-130	
Tetrachloroethene	ug/L	50	55.1	110	70-130	
Toluene	ug/L	50	55.1	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.8	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.4	89	70-130	
Trichloroethene	ug/L	50	53.6	107	70-130	
Trichlorofluoromethane	ug/L	50	56.2	112	65-160	
Vinyl chloride	ug/L	50	45.9	92	63-134	
Xylene (Total)	ug/L	150	169	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479043 2479044

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253744026 Result	Spike Conc.	Spike Conc.	MSD Result							
1,1,1-Trichloroethane	ug/L	<0.30	50	50	58.0	55.6	116	111	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	55.1	54.9	110	110	61-135	0	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.6	53.1	105	106	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.3	52.5	109	105	70-130	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	58.6	55.9	117	112	71-130	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.8	48.8	100	98	68-131	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	48.1	50.4	96	101	51-141	5	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.4	49.6	97	99	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	56.4	55.0	113	110	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	53.2	52.9	106	106	70-137	1	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	55.1	53.1	110	106	80-121	4	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	56.6	55.3	113	111	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	53.4	53.0	107	106	70-130	1	20	
Benzene	ug/L	<0.30	50	50	54.7	53.9	109	108	70-130	1	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253744

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479043 2479044												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253744026 Result	Spike Conc.	Spike Conc.	MS Result							
Bromodichloromethane	ug/L	<0.42	50	50	56.7	54.5	113	109	70-130	4	20	
Bromoform	ug/L	<3.8	50	50	49.0	51.8	98	104	70-133	6	20	
Bromomethane	ug/L	<1.2	50	50	46.0	46.1	92	92	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	56.5	55.0	113	110	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	54.0	54.5	108	109	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	49.3	49.2	99	98	52-165	0	20	
Chloroform	ug/L	<1.2	50	50	55.7	54.7	111	109	80-123	2	20	
Chloromethane	ug/L	<1.6	50	50	44.1	43.2	88	86	42-125	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.7	51.3	105	103	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	53.4	52.4	107	105	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	53.9	53.8	108	108	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	36.4	35.0	73	70	25-121	4	20	
Ethylbenzene	ug/L	<0.33	50	50	58.2	58.5	116	117	80-121	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	58.9	57.4	118	115	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	52.4	52.2	105	104	70-130	0	20	
Methylene Chloride	ug/L	<0.32	50	50	53.9	51.9	108	104	70-130	4	20	
Styrene	ug/L	<0.36	50	50	58.7	58.0	117	116	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	53.8	56.0	108	112	70-130	4	20	
Toluene	ug/L	<0.29	50	50	56.2	55.7	112	111	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	56.1	56.1	112	112	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	46.2	47.5	92	95	70-130	3	20	
Trichloroethene	ug/L	<0.32	50	50	55.6	53.8	111	108	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	57.8	56.1	116	112	65-160	3	20	
Vinyl chloride	ug/L	<0.17	50	50	46.4	44.3	93	89	60-137	5	20	
Xylene (Total)	ug/L	<1.0	150	150	173	169	116	113	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%						102	99	70-130			
4-Bromofluorobenzene (S)	%						105	101	70-130			
Toluene-d8 (S)	%						100	102	70-130			

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**QUALITY CONTROL DATA**

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 430135 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: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2477329 Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	10/31/22 13:20	

LABORATORY CONTROL SAMPLE: 2477330

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.4	41.6	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477439 2477440

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		40253619001	Spike Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Sulfide	mg/L	<1.2	46.4	46.4	42.0	44.0	90	94	80-120	5	10		

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 430465      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: 40253744008, 40253744009, 40253744018, 40253744019

METHOD BLANK: 2479109      Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	11/04/22 18:00	
Sulfate	mg/L	<0.44	2.0	11/04/22 18:00	

LABORATORY CONTROL SAMPLE: 2479110

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.6	103	90-110	
Sulfate	mg/L	20	20.9	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479111      2479112

Parameter	Units	2479111		2479112		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253737001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chloride	mg/L	560	400	400	891	905	83	86	90-110	2	15 M0
Sulfate	mg/L	727	400	400	1010	1040	71	78	90-110	3	15 M0

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 430866	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: 40253744021

METHOD BLANK: 2481141 Matrix: Water

Associated Lab Samples: 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	11/08/22 11:58	
Sulfate	mg/L	<0.44	2.0	11/08/22 11:58	

LABORATORY CONTROL SAMPLE: 2481142

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.2	106	90-110	
Sulfate	mg/L	20	21.2	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481143 2481144

Parameter	Units	40254318001		2481143		2481144		% Rec Limits	RPD	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					MSD % Rec
Chloride	mg/L	21.9	100	100	131	125	109	103	90-110	5	15	
Sulfate	mg/L	52.1	100	100	158	150	106	98	90-110	5	15	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 429923 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: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2476045 Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/28/22 14:20	

LABORATORY CONTROL SAMPLE: 2476046

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: 2476047 2476048

Parameter	Units	40253727003		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec				
Alkalinity, Total as CaCO3	mg/L	24.5J	100	100	100	130	133	105	108	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476049 2476050

Parameter	Units	40253744021		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec				
Alkalinity, Total as CaCO3	mg/L	609	500	500	500	1130	1150	103	107	90-110	2	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 430822      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: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2480992      Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	11/08/22 06:47	

LABORATORY CONTROL SAMPLE: 2480993

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	505	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480994      2480995

Parameter	Units	40253744008		40253744009		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	<15.5	526	526	550	548	102	101	90-110	0	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480996      2480997

Parameter	Units	40253744009		40253744018		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	99.1	526	526	637	632	102	101	90-110	1	10

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253744

QC Batch: 430237 Analysis Method: SM 5310C  
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

METHOD BLANK: 2477769 Matrix: Water  
Associated Lab Samples: 40253744008, 40253744009, 40253744018, 40253744019, 40253744021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	11/04/22 15:22	

LABORATORY CONTROL SAMPLE: 2477770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.1	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477771 2477772

Parameter	Units	40253684001		40253684002		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Total Organic Carbon	mg/L	5.9	6	6	11.5	11.5	93	94	80-120	0	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477773 2477774

Parameter	Units	40253684002		40253684001		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Total Organic Carbon	mg/L	3.3	6	6	9.2	9.2	98	98	80-120	0	10		

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## QUALIFIERS

Project: 60682984 KEP

Pace Project No.: 40253744

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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 | Detection of vinyl chloride was most likely the result of carryover from the MS/MSD analyzed prior the sample.<br>Insufficient volume for re-analysis from a vial without head space   |
| 2q | The internal standard response was below the laboratory acceptance criteria limits confirmed by re-analysis. The results reported are from the most QC compliant analysis. Results may be biased high and should be considered estimates |
| D3 | Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.   |
| D9 | Dissolved result is greater than the total. Data is within laboratory control limits.  |
| HS | Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).  |
| 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.  |
| S1 | Surrogate recovery outside laboratory control limits (confirmed by re-analysis).   |

## REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253744

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253744008	PZ-2114	EPA 8015B Modified	429861		
40253744009	MW-2114	EPA 8015B Modified	429861		
40253744018	MW-82	EPA 8015B Modified	429861		
40253744019	MW-82D	EPA 8015B Modified	429861		
40253744021	MW-65	EPA 8015B Modified	429861		
40253744008	PZ-2114	EPA 3010A	431621	EPA 6020B	431687
40253744009	MW-2114	EPA 3010A	431621	EPA 6020B	431687
40253744018	MW-82	EPA 3010A	431621	EPA 6020B	431687
40253744019	MW-82D	EPA 3010A	431621	EPA 6020B	431687
40253744021	MW-65	EPA 3010A	431621	EPA 6020B	431687
40253744008	PZ-2114	EPA 3010A	431619	EPA 6020B	431686
40253744009	MW-2114	EPA 3010A	431619	EPA 6020B	431686
40253744018	MW-82	EPA 3010A	431619	EPA 6020B	431686
40253744019	MW-82D	EPA 3010A	431619	EPA 6020B	431686
40253744021	MW-65	EPA 3010A	431619	EPA 6020B	431686
40253744001	TB-01	EPA 8260	430073		
40253744002	PZ-117	EPA 8260	430073		
40253744003	PZ-117D	EPA 8260	430073		
40253744004	MW-117	EPA 8260	430073		
40253744005	MW-2108	EPA 8260	430073		
40253744006	MW-111	EPA 8260	430073		
40253744007	MW-110	EPA 8260	430073		
40253744008	PZ-2114	EPA 8260	430073		
40253744009	MW-2114	EPA 8260	430073		
40253744010	MW-2104	EPA 8260	430073		
40253744011	MW-2105	EPA 8260	430073		
40253744012	PZ-2105	EPA 8260	430073		
40253744013	MW-109	EPA 8260	430073		
40253744014	MW-105	EPA 8260	430074		
40253744015	MW-107	EPA 8260	430074		
40253744016	MW-81	EPA 8260	430074		
40253744017	PZ-82	EPA 8260	430074		
40253744018	MW-82	EPA 8260	430074		
40253744019	MW-82D	EPA 8260	430074		
40253744020	MW-80	EPA 8260	430074		
40253744021	MW-65	EPA 8260	430074		
40253744022	MW-79	EPA 8260	430074		
40253744023	MW-44	EPA 8260	430074		
40253744024	MW-108	EPA 8260	430074		
40253744025	MW-206	EPA 8260	430074		
40253744026	MW-103	EPA 8260	430348		
40253744027	MW-102	EPA 8260	430348		
40253744028	MW-101	EPA 8260	430348		
40253744008	PZ-2114	SM 4500-S F (2000)	430135		
40253744009	MW-2114	SM 4500-S F (2000)	430135		
40253744018	MW-82	SM 4500-S F (2000)	430135		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253744

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253744019	MW-82D	SM 4500-S F (2000)	430135		
40253744021	MW-65	SM 4500-S F (2000)	430135		
40253744008	PZ-2114	EPA 300.0	430465		
40253744009	MW-2114	EPA 300.0	430465		
40253744018	MW-82	EPA 300.0	430465		
40253744019	MW-82D	EPA 300.0	430465		
40253744021	MW-65	EPA 300.0	430866		
40253744008	PZ-2114	EPA 310.2	429923		
40253744009	MW-2114	EPA 310.2	429923		
40253744018	MW-82	EPA 310.2	429923		
40253744019	MW-82D	EPA 310.2	429923		
40253744021	MW-65	EPA 310.2	429923		
40253744008	PZ-2114	EPA 410.4	430822	EPA 410.4	430830
40253744009	MW-2114	EPA 410.4	430822	EPA 410.4	430830
40253744018	MW-82	EPA 410.4	430822	EPA 410.4	430830
40253744019	MW-82D	EPA 410.4	430822	EPA 410.4	430830
40253744021	MW-65	EPA 410.4	430822	EPA 410.4	430830
40253744008	PZ-2114	SM 5310C	430237		
40253744009	MW-2114	SM 5310C	430237		
40253744018	MW-82	SM 5310C	430237		
40253744019	MW-82D	SM 5310C	430237		
40253744021	MW-65	SM 5310C	430237		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

40253744

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

Page: 1 of 3

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.Altenschach@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 LOCATION	<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	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 CODE DRINKING WATER DW WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIFE WF AIR WP OTHER AR TISSUE TS	MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Requested Analytes	Filtered (Y/N)	Pace Project Number Lab I.D.			
					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		
					DATE	TIME	DATE	TIME															
					<input type="checkbox"/> VOCs 8260 <input type="checkbox"/> TOC <input type="checkbox"/> Alkalinity, Cl, SO <sub>4</sub> <input type="checkbox"/> Methane Ethane Ethene <input type="checkbox"/> Total Metals <input type="checkbox"/> Diss. Metals <input type="checkbox"/> Sulfide <input type="checkbox"/> COD <input type="checkbox"/> Residual Chlorine (Y/N)																		
1	TB-01		WT	G	10/24	0900			2												001		
2	PZ-117		WT			1020			3													002	
3	PZ-117D		WT			1020			3													003	
4	MW-117		WT			1045			3													004	
5	MW-2108		WT			1110			3													005	
6	MW-111		WT			1140			3													006	
7	MW-110		WT			1245			3													007	
8	<del>MW-2114</del> <sup>REN</sup> 10/24/22	PZ-2114	WT			1250			12	1	2	2	6	1									008
9	MW-2114		WT			1210			12	1	2	2	6	1									009
10	MW-2104		WT			1350			3														010
11	MW-2105		WT			1430			3														011
12	PZ-2105		WT			1500			3														012

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  
 \* TB-01 (trip blank)

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<del>Keith Nielsen</del> <sup>REN</sup> AECOM	10/25	1630					Y/N	Y/N	Y/N
CS Logistics	10/26/22	07:45	Matt Vandenberg Pace	10/26/22	07:45	0.5	Y	Y	Y
							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 <sup>REN</sup> AECOM				
SIGNATURE of SAMPLER:	Keith Nielsen	DATE Signed (MM/DD/YY)	10/25/22		



# CHAIN-OF-CUSTODY / Analytical Request Document

40253744

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

**Section A**

Required Client Information:

Company: AECOM - Milw  
 Address: 1555 N. River Center Dr., Suite 214  
 Milwaukee, WI 53212  
 Email To: Lanette.Altenbach@aecom.com  
 Phone: 414-577-1363 Fax:  
 Requested Due Date/TAT: Standard

**Section B**

Required Project Information:

Report To: Lanette Altenbach  
 Copy To:  
 Purchase Order No.: 200476  
 Project Name: KEP  
 Project Number: 60682984

**Section C**

Invoice Information:

Attention: Accounts Payable/Finance Department  
 Company Name: City of Kenosha  
 Address: 652 52nd St., Kenosha, WI 53140  
 Pace Quote Reference:  
 Pace Project Manager: Chris Hyska  
 Pace Profile #: (2430) Kenosha work

**REGULATORY AGENCY**  
 \_\_\_ NPDES \_\_\_ X GROUND WATER \_\_\_ DRINKING WATER  
 \_\_\_ UST \_\_\_ RCRA OTHER \_\_\_\_\_

**SITE LOCATION**  
 \_\_\_ GA \_\_\_ IL \_\_\_ IN \_\_\_ MI \_\_\_ NC  
 \_\_\_ OH \_\_\_ SC \_\_\_ X WI OTHER \_\_\_\_\_

Filtered (Y/N)	N	N	N	N	N	N	Y	N	N
Requested Analytes	VOCs 8260	TOC	Alkalinity, Cl, SO4	Methane Ethane Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)

ITEM #	Section D Required Client Information		Valid Matrix Codes		MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Pace Project Number Lab I.D.										
	SAMPLE ID One Character per box. (A-Z, 0-9 / .)	Samples IDs MUST BE UNIQUE	MATRIX	CODE			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, SO4	Methane Ethane Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)	
			DRINKING WATER	DW			WT	DATE	TIME	DATE																					TIME
			WASTE WATER	WW			PRODUCT	P	SOIL/SOLID	SL																					CL
1	MW-109				WT	G	/	/	10/24	1345		3															013				
2	MW-105				WT		/	/		1440		3															014				
3	MW-107				WT		/	/		1505		3															015				
4	MW-81				WT		/	/	10/25	0930		3															016				
5	PZ-82				WT		/	/		0945		3															017				
6	MW-82			*	WT		/	/		1000		12	12	26	1												018				
7	<del>PZ-82</del> MW-82D**				WT		/	/		1000		12	12	26	1												019				
8	MW-80				WT		/	/		1035		3															020				
9	MW-65			*	WT		/	/		1120		12	12	26	1												021				
10	MW-79			*	WT		/	/		1130		3															022				
11	MW-44				WT		/	/		1210		3															023				
12	MW-108				WT		/	/		1210		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			
<del>No As</del> <sup>Ken</sup> <del>Account</del>	10/25	1630					Y/N	Y/N	Y/N
CS Logistics	10/25/22	07:45	Matt Domlanbeck Pace	10/25/22	07:45	0.5	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

\* Sampled during rain event

\*\* Updated per Keith N-AECOM. 10/31/22 CDH

**SAMPLER NAME AND SIGNATURE**  
 PRINT Name of SAMPLER: Keith Nielsen <sup>Ken</sup>  
 SIGNATURE OF SAMPLER: [Signature] <sup>Ken</sup>  
 DATE Signed (MM/DD/YY): 10/25/22

Temp in °C: \_\_\_\_\_  
 Received on Ice:   
 Custody Sealed Cooler:   
 Samples Intact:



CHAIN-OF-CUSTODY / Analytical Request Document

41253744

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

Section A

Section B

Section C

Page: 3 of 3

Required Client Information:

Required Project Information:

Invoice Information:

Table with client, project, and invoice information including company name (AECOM - Milw), report to (Lanette Altenbach), attention (Accounts Payable/Finance Department), address, and contact details.

REGULATORY AGENCY section with checkboxes for NPDES, GROUND WATER, DRINKING WATER, UST, RCRA, and OTHER.

SITE LOCATION section with checkboxes for GA, IL, IN, MI, NC, OH, SC, WI, and OTHER.

Filtered (Y/N) section with a series of Y/N columns.

Main data table with columns for ITEM #, Section D Required Client Information (SAMPLE ID), Valid Matrix Codes, MATRIX CODE, SAMPLE TYPE, COLLECTED (DATE/TIME), SAMPLE TEMP AT COLLECTION, # OF CONTAINERS, Preservatives, and Analytical Parameters (VOCs, ToC, Alkalinity, etc.).

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

Table for RELINQUISHED BY / AFFILIATION, ACCEPTED BY / AFFILIATION, DATE, TIME, and SAMPLE CONDITIONS.

SAMPLER NAME AND SIGNATURE section with fields for PRINT Name of SAMPLER, SIGNATURE of SAMPLER, and DATE Signed (MM/DD/YY).



Effective Date: 8/16/2022

Client Name: AECOM-Milw

Sample Preservation Receipt Form  
Project # 40250744

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Initial when completed: MDS Date/Time:

Lab Lot# of pH paper: 1610722

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN 1	GN 2	
001																																			2.5 / 5
002																																			2.5 / 5
003																																			2.5 / 5
004																																			2.5 / 5
005																																			2.5 / 5
006																																			2.5 / 5
007																																			2.5 / 5
008																																			2.5 / 5
009				1						1	2	1	1																						2.5 / 5
010																																			2.5 / 5
011																																			2.5 / 5
012																																			2.5 / 5
013																																			2.5 / 5
014																																			2.5 / 5
015																																			2.5 / 5
016																																			2.5 / 5
017																																			2.5 / 5
018				1						1	2	1	1																						2.5 / 5
019				1						1	2	1	1																						2.5 / 5
020																																			2.5 / 5

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

<b>AG1U</b>	1 liter amber glass	<b>BP1U</b>	1 liter plastic unpres	<b>VG9C</b>	40 mL clear ascorbic w/ HCl	<b>JGFU</b>	4 oz amber jar unpres
<b>BG1U</b>	1 liter clear glass	<b>BP3U</b>	250 mL plastic unpres	<b>DG9T</b>	40 mL amber Na Thio	<b>JG9U</b>	9 oz amber jar unpres
<b>AG1H</b>	1 liter amber glass HCL	<b>BP3B</b>	250 mL plastic NaOH	<b>VG9U</b>	40 mL clear vial unpres	<b>WGFU</b>	4 oz clear jar unpres
<b>AG4S</b>	125 mL amber glass H2SO4	<b>BP3N</b>	250 mL plastic HNO3	<b>VG9H</b>	40 mL clear vial HCL	<b>WPFU</b>	4 oz plastic jar unpres
<b>AG5U</b>	100 mL amber glass unpres	<b>BP3S</b>	250 mL plastic H2SO4	<b>VG9M</b>	40 mL clear vial MeOH	<b>SP5T</b>	120 mL plastic Na Thiosulfate
<b>AG2S</b>	500 mL amber glass H2SO4	<b>BP2Z</b>	500 mL plastic NaOH + Zn	<b>VG9D</b>	40 mL clear vial DI	<b>ZPLC</b>	ziploc bag
<b>BG3U</b>	250 mL clear glass unpres					<b>GN 1</b>	<u>500 mls 10/26/2022</u>
						<b>GN 2</b>	

Client Name: AECOM-Milw

Sample Preservation Receipt Form  
Project #: 40253744

Pace Lab #	Glass						Plastic						Vials				Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)						
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC								GN 1	GN 2				
021																																X	X		X		2.5 / 5
022																																					2.5 / 5
023																																					2.5 / 5
024																																					2.5 / 5
025																																					2.5 / 5
026																																					2.5 / 5
027																																					2.5 / 5
028																																					2.5 / 5
029																																					2.5 / 5
030																																					2.5 / 5
031																																					2.5 / 5
032																																					2.5 / 5
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034																																					2.5 / 5
035																																					2.5 / 5
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037																																					2.5 / 5
038																																					2.5 / 5
039																																					2.5 / 5
040																																					2.5 / 5
041																																					2.5 / 5
042																																					2.5 / 5
043																																					2.5 / 5
044																																					2.5 / 5
045																																					2.5 / 5
046																																					2.5 / 5
047																																					2.5 / 5
048																																					2.5 / 5

*M. J. [Signature]*  
10/26/2022

Sample Condition Upon Receipt Form (SCUR)

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

Client Name: AECOM-Milw

WO#: **40253744**

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



Tracking #: \_\_\_\_\_  
 Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Custody Seal on Samples Present:  yes  no Seals intact:  yes  no  
 Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR-119 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 1.1 / Corr: 0.5, 0.5

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

Person examining contents:  
 Date: 10/26/2022 Initials: MVS  
 Labeled By Initials: SB

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: <u>Yes</u>	For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. Missing 6th vial for points 018 and 019 but still enough for analysis. need 3 vials for methanol, Ethane, Ethene. <u>MVS 10/26/2022</u>
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u>	<input type="checkbox"/> Pace IR, Non-Pace	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. Non VOA containers for position P2-82 are labeled. <u>MW-82 D MVS 10/26/2022</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		matched by date and time.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>483</u>		

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

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

November 29, 2022

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

RE: Project: 60682984 KEP  
Pace Project No.: 40253998

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on November 01, 2022. 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.: 40253998

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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.: 40253998

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253998001	MW-2101	Water	10/27/22 15:50	11/01/22 08:10
40253998002	PZ-2101	Water	10/27/22 16:10	11/01/22 08:10
40253998003	MW-2107	Water	10/27/22 14:15	11/01/22 08:10
40253998004	PZ-2107	Water	10/27/22 15:10	11/01/22 08:10
40253998005	MW-2111	Water	10/27/22 17:30	11/01/22 08:10
40253998006	PZ-2112	Water	10/27/22 13:30	11/01/22 08:10
40253998007	PZ-2111	Water	10/27/22 17:15	11/01/22 08:10

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40253998

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253998001	MW-2101	EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		SM 4500-S F (2000)	HNT	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
40253998002	PZ-2101	EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		SM 4500-S F (2000)	HNT	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
40253998003	MW-2107	EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		SM 4500-S F (2000)	HNT	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
40253998004	PZ-2107	EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		SM 4500-S F (2000)	HNT	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
40253998005	MW-2111	EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		SM 4500-S F (2000)	HNT	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
40253998006	PZ-2112	EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP

Pace Project No.: 40253998

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253998007	PZ-2111	SM 4500-S F (2000)	HNT	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 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		SM 4500-S F (2000)	HNT	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

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40253998

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253998001</b>	<b>MW-2101</b>					
EPA 6020B	Iron	34.9	mg/L	0.25	11/23/22 18:20	
EPA 6020B	Manganese	0.11	mg/L	0.0040	11/23/22 18:20	
EPA 6020B	Barium, Dissolved	0.24	mg/L	0.0023	11/27/22 08:06	
EPA 6020B	Chromium, Dissolved	0.0015J	mg/L	0.0034	11/27/22 08:06	
EPA 6020B	Iron, Dissolved	38.0	mg/L	0.25	11/27/22 08:06	D9
EPA 6020B	Manganese, Dissolved	0.12	mg/L	0.0040	11/27/22 08:06	D9
EPA 300.0	Chloride	92.1	mg/L	10.0	11/14/22 16:51	
EPA 310.2	Alkalinity, Total as CaCO3	808	mg/L	125	11/04/22 10:42	
EPA 410.4	Chemical Oxygen Demand	1260	mg/L	500	11/15/22 08:39	
SM 5310C	Total Organic Carbon	516	mg/L	30.0	11/14/22 07:07	
<b>40253998002</b>	<b>PZ-2101</b>					
EPA 6020B	Iron	595	mg/L	2.5	11/23/22 18:27	
EPA 6020B	Manganese	2.4	mg/L	0.040	11/23/22 18:27	
EPA 6020B	Barium, Dissolved	2.4	mg/L	0.012	11/27/22 08:14	
EPA 6020B	Calcium, Dissolved	1130	mg/L	5.1	11/26/22 15:45	
EPA 6020B	Iron, Dissolved	583	mg/L	5.0	11/26/22 15:45	
EPA 6020B	Magnesium, Dissolved	182	mg/L	5.0	11/26/22 15:45	
EPA 6020B	Manganese, Dissolved	2.2	mg/L	0.081	11/26/22 15:45	
EPA 6020B	Potassium, Dissolved	8.8	mg/L	3.9	11/27/22 08:14	
EPA 6020B	Sodium, Dissolved	696	mg/L	5.0	11/26/22 15:45	
EPA 300.0	Chloride	706	mg/L	40.0	11/14/22 17:06	
EPA 310.2	Alkalinity, Total as CaCO3	5890	mg/L	500	11/04/22 11:29	
EPA 410.4	Chemical Oxygen Demand	12400	mg/L	1000	11/15/22 08:39	
SM 5310C	Total Organic Carbon	4400	mg/L	150	11/14/22 07:23	
<b>40253998003</b>	<b>MW-2107</b>					
EPA 6020B	Iron	71.6	mg/L	0.25	11/23/22 18:35	
EPA 6020B	Manganese	0.10	mg/L	0.0040	11/23/22 18:35	
EPA 6020B	Barium, Dissolved	0.077	mg/L	0.0023	11/27/22 08:21	
EPA 6020B	Iron, Dissolved	76.0	mg/L	0.25	11/27/22 08:21	D9
EPA 6020B	Manganese, Dissolved	0.10	mg/L	0.0040	11/27/22 08:21	
EPA 6020B	Nickel, Dissolved	0.00070J	mg/L	0.0010	11/27/22 08:21	
EPA 300.0	Chloride	43.7	mg/L	20.0	11/14/22 17:21	
EPA 310.2	Alkalinity, Total as CaCO3	646	mg/L	125	11/04/22 10:51	
EPA 410.4	Chemical Oxygen Demand	855	mg/L	50.0	11/15/22 08:40	
SM 5310C	Total Organic Carbon	335	mg/L	15.0	11/14/22 07:40	
<b>40253998004</b>	<b>PZ-2107</b>					
EPA 6020B	Iron	2.0	mg/L	0.25	11/23/22 18:42	
EPA 6020B	Manganese	0.12	mg/L	0.0040	11/23/22 18:42	
EPA 6020B	Barium, Dissolved	0.054	mg/L	0.0023	11/27/22 08:28	
EPA 6020B	Iron, Dissolved	1.9	mg/L	0.25	11/27/22 08:28	
EPA 6020B	Manganese, Dissolved	0.12	mg/L	0.0040	11/27/22 08:28	
EPA 6020B	Nickel, Dissolved	0.0046	mg/L	0.0010	11/27/22 08:28	
EPA 300.0	Chloride	416	mg/L	20.0	11/14/22 17:35	
EPA 300.0	Sulfate	269	mg/L	20.0	11/14/22 17:35	
EPA 310.2	Alkalinity, Total as CaCO3	342	mg/L	50.0	11/04/22 10:52	
SM 5310C	Total Organic Carbon	6.3	mg/L	1.5	11/14/22 07:56	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40253998

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40253998005</b>	<b>MW-2111</b>					
EPA 6020B	Iron	474	mg/L	5.0	11/26/22 14:02	
EPA 6020B	Manganese	0.66	mg/L	0.0081	11/23/22 19:33	
EPA 6020B	Barium, Dissolved	0.077	mg/L	0.0047	11/27/22 08:36	
EPA 6020B	Iron, Dissolved	430	mg/L	5.0	11/26/22 15:52	
EPA 6020B	Manganese, Dissolved	0.64	mg/L	0.081	11/26/22 15:52	
SM 4500-S F (2000)	Sulfide	3.6J	mg/L	4.0	11/03/22 13:41	
EPA 300.0	Chloride	102	mg/L	20.0	11/14/22 17:50	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	1750	mg/L	250	11/04/22 10:53	
EPA 410.4	Chemical Oxygen Demand	3750	mg/L	1000	11/15/22 08:41	
SM 5310C	Total Organic Carbon	1310	mg/L	50.0	11/14/22 08:12	
<b>40253998006</b>	<b>PZ-2112</b>					
EPA 6020B	Iron	0.76	mg/L	0.25	11/23/22 19:41	
EPA 6020B	Manganese	0.063	mg/L	0.0040	11/23/22 19:41	
EPA 6020B	Barium, Dissolved	0.27	mg/L	0.0023	11/27/22 08:43	
EPA 6020B	Iron, Dissolved	0.55	mg/L	0.25	11/28/22 19:26	
EPA 6020B	Manganese, Dissolved	0.070	mg/L	0.0040	11/27/22 08:43	D9
SM 4500-S F (2000)	Sulfide	3.0J	mg/L	4.0	11/03/22 13:43	
EPA 300.0	Chloride	218	mg/L	40.0	11/14/22 18:50	
EPA 300.0	Sulfate	61.4	mg/L	40.0	11/14/22 18:50	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	498	mg/L	125	11/04/22 10:54	
SM 5310C	Total Organic Carbon	3.0	mg/L	0.50	11/14/22 08:30	
<b>40253998007</b>	<b>PZ-2111</b>					
EPA 6020B	Iron	217	mg/L	0.50	11/23/22 19:48	
EPA 6020B	Manganese	1.1	mg/L	0.0081	11/23/22 19:48	
EPA 6020B	Barium, Dissolved	2.2	mg/L	0.0047	11/24/22 17:21	
EPA 6020B	Iron, Dissolved	236	mg/L	0.50	11/27/22 08:50	D9
EPA 6020B	Manganese, Dissolved	1.1	mg/L	0.0081	11/27/22 08:50	
EPA 300.0	Chloride	87.0	mg/L	40.0	11/14/22 19:05	
EPA 310.2	Alkalinity, Total as CaCO <sub>3</sub>	4540	mg/L	500	11/04/22 10:55	M0
EPA 410.4	Chemical Oxygen Demand	8070	mg/L	1000	11/15/22 08:41	
SM 5310C	Total Organic Carbon	3040	mg/L	300	11/14/22 08:47	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: MW-2101**      **Lab ID: 40253998001**      Collected: 10/27/22 15:50      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>34.9</b>	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 18:20	7439-89-6	
Manganese	<b>0.11</b>	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 18:20	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.24</b>	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 08:06	7440-39-3	
Chromium, Dissolved	<b>0.0015J</b>	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 08:06	7440-47-3	
Iron, Dissolved	<b>38.0</b>	mg/L	0.25	0.058	1	11/16/22 06:10	11/27/22 08:06	7439-89-6	D9
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 08:06	7439-92-1	
Manganese, Dissolved	<b>0.12</b>	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 08:06	7439-96-5	D9
Nickel, Dissolved	<b>&lt;0.00028</b>	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 08:06	7440-02-0	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>&lt;1.2</b>	mg/L	4.0	1.2	1		11/03/22 13:33		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>92.1</b>	mg/L	10.0	2.2	5		11/14/22 16:51	16887-00-6	
Sulfate	<b>&lt;2.2</b>	mg/L	10.0	2.2	5		11/14/22 16:51	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>808</b>	mg/L	125	37.2	5		11/04/22 10:42		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4    Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>1260</b>	mg/L	500	147	1	11/15/22 04:45	11/15/22 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>516</b>	mg/L	30.0	8.3	60		11/14/22 07:07	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: PZ-2101**      **Lab ID: 40253998002**      Collected: 10/27/22 16:10      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>595</b>	mg/L	2.5	0.58	10	11/16/22 06:22	11/23/22 18:27	7439-89-6	
Manganese	<b>2.4</b>	mg/L	0.040	0.012	10	11/16/22 06:22	11/23/22 18:27	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>2.4</b>	mg/L	0.012	0.0035	5	11/16/22 06:10	11/27/22 08:14	7440-39-3	
Calcium, Dissolved	<b>1130</b>	mg/L	5.1	1.5	20	11/16/22 06:10	11/26/22 15:45	7440-70-2	
Chromium, Dissolved	<b>&lt;0.0051</b>	mg/L	0.017	0.0051	5	11/16/22 06:10	11/27/22 08:14	7440-47-3	D3
Iron, Dissolved	<b>583</b>	mg/L	5.0	1.2	20	11/16/22 06:10	11/26/22 15:45	7439-89-6	
Lead, Dissolved	<b>&lt;0.0012</b>	mg/L	0.0050	0.0012	5	11/16/22 06:10	11/27/22 08:14	7439-92-1	D3
Magnesium, Dissolved	<b>182</b>	mg/L	5.0	0.62	20	11/16/22 06:10	11/26/22 15:45	7439-95-4	
Manganese, Dissolved	<b>2.2</b>	mg/L	0.081	0.024	20	11/16/22 06:10	11/26/22 15:45	7439-96-5	
Nickel, Dissolved	<b>&lt;0.0014</b>	mg/L	0.0050	0.0014	5	11/16/22 06:10	11/27/22 08:14	7440-02-0	D3
Potassium, Dissolved	<b>8.8</b>	mg/L	3.9	1.2	5	11/16/22 06:10	11/27/22 08:14	7440-09-7	
Sodium, Dissolved	<b>696</b>	mg/L	5.0	0.84	20	11/16/22 06:10	11/26/22 15:45	7440-23-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>&lt;1.2</b>	mg/L	4.0	1.2	1		11/03/22 13:35		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>706</b>	mg/L	40.0	8.6	20		11/14/22 17:06	16887-00-6	
Sulfate	<b>&lt;8.9</b>	mg/L	40.0	8.9	20		11/14/22 17:06	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>5890</b>	mg/L	500	149	20		11/04/22 11:29		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4    Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>12400</b>	mg/L	1000	295	1	11/15/22 04:45	11/15/22 08:39		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>4400</b>	mg/L	150	41.5	300		11/14/22 07:23	7440-44-0	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: MW-2107**      **Lab ID: 40253998003**      Collected: 10/27/22 14:15      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>71.6</b>	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 18:35	7439-89-6	
Manganese	<b>0.10</b>	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 18:35	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.077</b>	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 08:21	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 08:21	7440-47-3	
Iron, Dissolved	<b>76.0</b>	mg/L	0.25	0.058	1	11/16/22 06:10	11/27/22 08:21	7439-89-6	D9
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 08:21	7439-92-1	
Manganese, Dissolved	<b>0.10</b>	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 08:21	7439-96-5	
Nickel, Dissolved	<b>0.00070J</b>	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 08:21	7440-02-0	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>&lt;1.2</b>	mg/L	4.0	1.2	1		11/03/22 13:36		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>43.7</b>	mg/L	20.0	4.3	10		11/14/22 17:21	16887-00-6	
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		11/14/22 17:21	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>646</b>	mg/L	125	37.2	5		11/04/22 10:51		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4    Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>855</b>	mg/L	50.0	14.7	1	11/15/22 04:45	11/15/22 08:40		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>335</b>	mg/L	15.0	4.2	30		11/14/22 07:40	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: PZ-2107**      **Lab ID: 40253998004**      Collected: 10/27/22 15:10      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>2.0</b>	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 18:42	7439-89-6	
Manganese	<b>0.12</b>	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 18:42	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.054</b>	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 08:28	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 08:28	7440-47-3	
Iron, Dissolved	<b>1.9</b>	mg/L	0.25	0.058	1	11/16/22 06:10	11/27/22 08:28	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 08:28	7439-92-1	
Manganese, Dissolved	<b>0.12</b>	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 08:28	7439-96-5	
Nickel, Dissolved	<b>0.0046</b>	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 08:28	7440-02-0	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>&lt;1.2</b>	mg/L	4.0	1.2	1		11/03/22 13:38		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>416</b>	mg/L	20.0	4.3	10		11/14/22 17:35	16887-00-6	
Sulfate	<b>269</b>	mg/L	20.0	4.4	10		11/14/22 17:35	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>342</b>	mg/L	50.0	14.9	2		11/04/22 10:52		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4    Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>&lt;15.5</b>	mg/L	52.6	15.5	1	11/15/22 04:45	11/15/22 08:40		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>6.3</b>	mg/L	1.5	0.42	3		11/14/22 07:56	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: MW-2111**      **Lab ID: 40253998005**      Collected: 10/27/22 17:30      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>474</b>	mg/L	5.0	1.2	20	11/16/22 06:22	11/26/22 14:02	7439-89-6	
Manganese	<b>0.66</b>	mg/L	0.0081	0.0024	2	11/16/22 06:22	11/23/22 19:33	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.077</b>	mg/L	0.0047	0.0014	2	11/16/22 06:10	11/27/22 08:36	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0020</b>	mg/L	0.0068	0.0020	2	11/16/22 06:10	11/27/22 08:36	7440-47-3	D3
Iron, Dissolved	<b>430</b>	mg/L	5.0	1.2	20	11/16/22 06:10	11/26/22 15:52	7439-89-6	
Lead, Dissolved	<b>&lt;0.00047</b>	mg/L	0.0020	0.00047	2	11/16/22 06:10	11/27/22 08:36	7439-92-1	D3
Manganese, Dissolved	<b>0.64</b>	mg/L	0.081	0.024	20	11/16/22 06:10	11/26/22 15:52	7439-96-5	
Nickel, Dissolved	<b>&lt;0.00057</b>	mg/L	0.0020	0.00057	2	11/16/22 06:10	11/27/22 08:36	7440-02-0	D3
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>3.6J</b>	mg/L	4.0	1.2	1		11/03/22 13:41		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>102</b>	mg/L	20.0	4.3	10		11/14/22 17:50	16887-00-6	
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		11/14/22 17:50	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>1750</b>	mg/L	250	74.4	10		11/04/22 10:53		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>3750</b>	mg/L	1000	295	1	11/15/22 04:45	11/15/22 08:41		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1310</b>	mg/L	50.0	13.8	100		11/14/22 08:12	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: PZ-2112**      **Lab ID: 40253998006**      Collected: 10/27/22 13:30      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>0.76</b>	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 19:41	7439-89-6	
Manganese	<b>0.063</b>	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 19:41	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.27</b>	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 08:43	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 08:43	7440-47-3	
Iron, Dissolved	<b>0.55</b>	mg/L	0.25	0.058	1	11/16/22 06:10	11/28/22 19:26	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 08:43	7439-92-1	
Manganese, Dissolved	<b>0.070</b>	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 08:43	7439-96-5	D9
Nickel, Dissolved	<b>&lt;0.00028</b>	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 08:43	7440-02-0	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>3.0J</b>	mg/L	4.0	1.2	1		11/03/22 13:43		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>218</b>	mg/L	40.0	8.6	20		11/14/22 18:50	16887-00-6	
Sulfate	<b>61.4</b>	mg/L	40.0	8.9	20		11/14/22 18:50	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>498</b>	mg/L	125	37.2	5		11/04/22 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	11/15/22 04:45	11/15/22 08:41		
<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		11/14/22 08:30	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253998

**Sample: PZ-2111**      **Lab ID: 40253998007**      Collected: 10/27/22 17:15      Received: 11/01/22 08:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>217</b>	mg/L	0.50	0.12	2	11/16/22 06:22	11/23/22 19:48	7439-89-6	
Manganese	<b>1.1</b>	mg/L	0.0081	0.0024	2	11/16/22 06:22	11/23/22 19:48	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>2.2</b>	mg/L	0.0047	0.0014	2	11/16/22 06:10	11/24/22 17:21	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0020</b>	mg/L	0.0068	0.0020	2	11/16/22 06:10	11/27/22 08:50	7440-47-3	D3
Iron, Dissolved	<b>236</b>	mg/L	0.50	0.12	2	11/16/22 06:10	11/27/22 08:50	7439-89-6	D9
Lead, Dissolved	<b>&lt;0.00047</b>	mg/L	0.0020	0.00047	2	11/16/22 06:10	11/27/22 08:50	7439-92-1	D3
Manganese, Dissolved	<b>1.1</b>	mg/L	0.0081	0.0024	2	11/16/22 06:10	11/27/22 08:50	7439-96-5	
Nickel, Dissolved	<b>&lt;0.00057</b>	mg/L	0.0020	0.00057	2	11/16/22 06:10	11/27/22 08:50	7440-02-0	D3
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>&lt;1.2</b>	mg/L	4.0	1.2	1		11/03/22 13:45		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>87.0</b>	mg/L	40.0	8.6	20		11/14/22 19:05	16887-00-6	
Sulfate	<b>&lt;8.9</b>	mg/L	40.0	8.9	20		11/14/22 19:05	14808-79-8	D3
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	<b>4540</b>	mg/L	500	149	20		11/04/22 10:55		M0
<b>410.4 COD</b>									
Analytical Method: EPA 410.4    Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>8070</b>	mg/L	1000	295	1	11/15/22 04:45	11/15/22 08:41		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3040</b>	mg/L	300	83.0	600		11/14/22 08:47	7440-44-0	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253998

QC Batch: 431621

Analysis Method: EPA 6020B

QC Batch Method: EPA 3010A

Analysis Description: 6020B MET

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

METHOD BLANK: 2485506

Matrix: Water

Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	11/23/22 16:37	
Manganese	mg/L	<0.0012	0.0040	11/23/22 16:37	

LABORATORY CONTROL SAMPLE: 2485507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	9.6	96	80-120	
Manganese	mg/L	0.25	0.24	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485508 2485509

Parameter	Units	40253744008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.30	10	10	9.5	9.8	92	95	75-125	3	20	
Manganese	mg/L	0.12	0.25	0.25	0.36	0.37	94	100	75-125	4	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253998

QC Batch: 431619 Analysis Method: EPA 6020B  
QC Batch Method: EPA 3010A Analysis Description: 6020B MET Dissolved  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

METHOD BLANK: 2485496 Matrix: Water  
Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	11/27/22 15:18	
Calcium, Dissolved	mg/L	<0.076	0.25	11/27/22 15:18	
Chromium, Dissolved	mg/L	<0.0010	0.0034	11/27/22 15:18	
Iron, Dissolved	mg/L	<0.058	0.25	11/27/22 15:18	
Lead, Dissolved	mg/L	<0.00024	0.0010	11/27/22 15:18	
Magnesium, Dissolved	mg/L	<0.031	0.25	11/27/22 15:18	
Manganese, Dissolved	mg/L	<0.0012	0.0040	11/27/22 15:18	
Nickel, Dissolved	mg/L	<0.00028	0.0010	11/27/22 15:18	
Potassium, Dissolved	mg/L	<0.24	0.79	11/27/22 15:18	
Sodium, Dissolved	mg/L	<0.042	0.25	11/27/22 15:18	

LABORATORY CONTROL SAMPLE: 2485497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	99	80-120	
Calcium, Dissolved	mg/L	10	9.8	98	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	98	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	100	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	101	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	98	80-120	
Potassium, Dissolved	mg/L	10	10.2	102	80-120	
Sodium, Dissolved	mg/L	10	9.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485498 2485499

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40253744008 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Barium, Dissolved	mg/L	0.16	0.25	0.25	0.42	0.42	102	104	75-125	1	20	
Calcium, Dissolved	mg/L	48.7	10	10	57.4	58.0	86	94	75-125	1	20	
Chromium, Dissolved	mg/L	0.0014J	0.25	0.25	0.24	0.25	95	98	75-125	2	20	
Iron, Dissolved	mg/L	0.066J	10	10	9.7	9.9	96	99	75-125	3	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.27	105	107	75-125	2	20	
Magnesium, Dissolved	mg/L	26.0	10	10	35.7	36.3	97	103	75-125	2	20	
Manganese, Dissolved	mg/L	0.064	0.25	0.25	0.31	0.31	98	99	75-125	1	20	
Nickel, Dissolved	mg/L	0.0038	0.25	0.25	0.24	0.25	96	98	75-125	1	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253998

Parameter	Units	40253744008		2485498		2485499		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Potassium, Dissolved	mg/L	2.0	10	10	11.8	12.0	98	100	75-125	2	20			
Sodium, Dissolved	mg/L	150	10	10	163	162	137	123	75-125	1	20	P6		

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253998

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QC Batch: 430523	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: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

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METHOD BLANK: 2479310 Matrix: Water

Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	11/03/22 13:16	

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LABORATORY CONTROL SAMPLE: 2479311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46	44.0	96	80-120	

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MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479312 2479313

Parameter	Units	2479312		2479313		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40253868042	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Sulfide	mg/L	<1.2	46	46	42.8	42.0	93	91	80-120	2	10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253998

QC Batch: 431264 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: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

METHOD BLANK: 2483469 Matrix: Water  
Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	11/14/22 11:34	
Sulfate	mg/L	<0.44	2.0	11/14/22 11:34	

LABORATORY CONTROL SAMPLE: 2483470

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.7	98	90-110	
Sulfate	mg/L	20	19.5	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2483471 2483472

Parameter	Units	40253990002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	34.3	20	20	57.2	57.4	115	116	90-110	0	15	M0
Sulfate	mg/L	22.6	20	20	46.1	46.2	118	118	90-110	0	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2483473 2483474

Parameter	Units	40254210002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	218	400	400	672	664	113	112	90-110	1	15	M0
Sulfate	mg/L	16.1J	400	400	435	437	105	105	90-110	0	15	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253998

QC Batch: 430620      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: 40253998001

METHOD BLANK: 2479962      Matrix: Water  
Associated Lab Samples: 40253998001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	11/04/22 10:12	

LABORATORY CONTROL SAMPLE: 2479963

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479964      2479965

Parameter	Units	40253961008		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Alkalinity, Total as CaCO3	mg/L	283	200	200	498	490	108	104	90-110	2	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479966      2479967

Parameter	Units	40253998001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
Alkalinity, Total as CaCO3	mg/L	808	500	500	1350	1320	108	103	90-110	2	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253998

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QC Batch:	430621	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: 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

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METHOD BLANK: 2479968 Matrix: Water  
Associated Lab Samples: 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	<7.4	25.0	11/04/22 10:48	

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LABORATORY CONTROL SAMPLE: 2479969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	100	106	106	90-110	

---

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479970 2479971

Parameter	Units	2479970		2479971		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253998007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Alkalinity, Total as CaCO <sub>3</sub>	mg/L	4540	2000	2000	6260	6290	86	87	90-110	0	20 M0

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253998

QC Batch: 431464 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: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

METHOD BLANK: 2484806 Matrix: Water  
Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	11/15/22 08:39	

LABORATORY CONTROL SAMPLE: 2484807

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	505	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484808 2484809

Parameter	Units	40253998004		40253998009		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Chemical Oxygen Demand	mg/L	<15.5	526	534	541	100	101	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484810 2484811

Parameter	Units	40253998006		40253998011		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Chemical Oxygen Demand	mg/L	<15.5	526	536	543	101	103	90-110	1	10	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253998

QC Batch: 431310 Analysis Method: SM 5310C  
QC Batch Method: SM 5310C Analysis Description: 5310C Total Organic Carbon  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

METHOD BLANK: 2484195 Matrix: Water  
Associated Lab Samples: 40253998001, 40253998002, 40253998003, 40253998004, 40253998005, 40253998006, 40253998007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	11/14/22 06:36	

LABORATORY CONTROL SAMPLE: 2484196

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484197 2484198

Parameter	Units	40254197008		40254198008		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Total Organic Carbon	mg/L	6.7	6	6	6	13.0	12.9	105	104	80-120	1	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2484199 2484200

Parameter	Units	40254197015		40254198015		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Total Organic Carbon	mg/L	2.4	6	6	6	8.4	8.5	99	102	80-120	2	10

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## QUALIFIERS

Project: 60682984 KEP

Pace Project No.: 40253998

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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

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

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

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

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253998

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253998001	MW-2101	EPA 3010A	431621	EPA 6020B	431687
40253998002	PZ-2101	EPA 3010A	431621	EPA 6020B	431687
40253998003	MW-2107	EPA 3010A	431621	EPA 6020B	431687
40253998004	PZ-2107	EPA 3010A	431621	EPA 6020B	431687
40253998005	MW-2111	EPA 3010A	431621	EPA 6020B	431687
40253998006	PZ-2112	EPA 3010A	431621	EPA 6020B	431687
40253998007	PZ-2111	EPA 3010A	431621	EPA 6020B	431687
40253998001	MW-2101	EPA 3010A	431619	EPA 6020B	431686
40253998002	PZ-2101	EPA 3010A	431619	EPA 6020B	431686
40253998003	MW-2107	EPA 3010A	431619	EPA 6020B	431686
40253998004	PZ-2107	EPA 3010A	431619	EPA 6020B	431686
40253998005	MW-2111	EPA 3010A	431619	EPA 6020B	431686
40253998006	PZ-2112	EPA 3010A	431619	EPA 6020B	431686
40253998007	PZ-2111	EPA 3010A	431619	EPA 6020B	431686
40253998001	MW-2101	SM 4500-S F (2000)	430523		
40253998002	PZ-2101	SM 4500-S F (2000)	430523		
40253998003	MW-2107	SM 4500-S F (2000)	430523		
40253998004	PZ-2107	SM 4500-S F (2000)	430523		
40253998005	MW-2111	SM 4500-S F (2000)	430523		
40253998006	PZ-2112	SM 4500-S F (2000)	430523		
40253998007	PZ-2111	SM 4500-S F (2000)	430523		
40253998001	MW-2101	EPA 300.0	431264		
40253998002	PZ-2101	EPA 300.0	431264		
40253998003	MW-2107	EPA 300.0	431264		
40253998004	PZ-2107	EPA 300.0	431264		
40253998005	MW-2111	EPA 300.0	431264		
40253998006	PZ-2112	EPA 300.0	431264		
40253998007	PZ-2111	EPA 300.0	431264		
40253998001	MW-2101	EPA 310.2	430620		
40253998002	PZ-2101	EPA 310.2	430621		
40253998003	MW-2107	EPA 310.2	430621		
40253998004	PZ-2107	EPA 310.2	430621		
40253998005	MW-2111	EPA 310.2	430621		
40253998006	PZ-2112	EPA 310.2	430621		
40253998007	PZ-2111	EPA 310.2	430621		
40253998001	MW-2101	EPA 410.4	431464	EPA 410.4	431500
40253998002	PZ-2101	EPA 410.4	431464	EPA 410.4	431500
40253998003	MW-2107	EPA 410.4	431464	EPA 410.4	431500
40253998004	PZ-2107	EPA 410.4	431464	EPA 410.4	431500
40253998005	MW-2111	EPA 410.4	431464	EPA 410.4	431500
40253998006	PZ-2112	EPA 410.4	431464	EPA 410.4	431500
40253998007	PZ-2111	EPA 410.4	431464	EPA 410.4	431500
40253998001	MW-2101	SM 5310C	431310		
40253998002	PZ-2101	SM 5310C	431310		
40253998003	MW-2107	SM 5310C	431310		

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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 60682984 KEP  
Pace Project No.: 40253998

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253998004	PZ-2107	SM 5310C	431310		
40253998005	MW-2111	SM 5310C	431310		
40253998006	PZ-2112	SM 5310C	431310		
40253998007	PZ-2111	SM 5310C	431310		

**REPORT OF LABORATORY ANALYSIS**

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# CHAIN-OF-CUSTODY / Analytical Request Document

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

40253998

Page: 1 of 1

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.Altенbach@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 CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL CL WIFE WP AIR AR OTHER OT TISSUE TS	COLLECTED				SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives										Requested Analytes	Pace Project Number Lab I.D.							
			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 B260	TOC			Alkalinity, Cl, SO <sub>4</sub>	Methane Ethane Ethanol	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)
			DATE	TIME	DATE	TIME																					
			MATRIX CODE	SAMPLE TYPE	G+GRAB	C=COMP																					
1	MW-2109	WT	G	/	/	10/27/15	1550	6	1	2	2	1											001				
2	PZ-2101	WT	/	/	/	/	1610	1	1	2	2	1											002				
3	MW-2107	WT	/	/	/	/	1415	1	1	2	2	1											003				
4	PZ-2107	WT	/	/	/	/	1500	1	1	2	2	1											004				
5	MW-2112	WT	/	/	/	/	1300	1	1	2	2	1											005				
6	PZ-2112	WT	/	/	/	/	1330	1	1	2	2	1											006				
7	PZ-2111	WT	/	/	/	/	1715	1	1	2	2	1											007				
8		WT																									
9		WT																									
10		WT																									
11		WT																									
12		WT																									

Additional Comments:	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Total Metals: Fe, Mn	<del>Kenosha</del> Ken	10/31	1000					Y/N	Y/N	Y/N
Dissolved Metals: Fe, Mn, Ba, Cr, Pb, Ni	Logistics	11/11/22	810	Morgan K Pell	11/11/22	210	0°	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
								Y/N	Y/N	Y/N
								Y/N	Y/N	Y/N

\* MW-2101 sampled at 1550  
\* DISS Ca, Mg, K, Na for PZ-2101

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER:	Keith Nielsen				
SIGNATURE of SAMPLER:	[Signature]				
DATE Signed (MM/DD/YY)		10/31/22			

Effective Date: 8/16/2022

Client Name: AECOM

**Sample Preservation Receipt Form**

Project #

40253098

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Lab Lot# of pH paper:

10D0722

Lab Std #ID of preservation (if pH adjusted): 408572

Initial when completed:

MP

Date/Time:

11/1/22  
9:45 am

Pace Lab #	Glass						Plastic						Vials					Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JG9U	JG9U	WG9U	WPFU	SP5T	ZPLC								GN 1	GN 2			
001																																X	X				2.5 / 5
002																																X	X				2.5 / 5
003																																X	X				2.5 / 5
004																																X	X				2.5 / 5
005																																X	X				2.5 / 5
006																																X	X				2.5 / 5
007																																X	X				2.5 / 5
008																																					2.5 / 5
009																																					2.5 / 5
010																																					2.5 / 5
011																																					2.5 / 5
012																																					2.5 / 5
013																																					2.5 / 5
014																																					2.5 / 5
015																																					2.5 / 5
016																																					2.5 / 5
017																																					2.5 / 5
018																																					2.5 / 5
019																																					2.5 / 5
020																																					2.5 / 5

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm) :  Yes  No  N/A

\*If yes look in headspace column

<b>AG1U</b>	1 liter amber glass	<b>BP1U</b>	1 liter plastic unpres	<b>VG9C</b>	40 mL clear ascorbic w/ HCl	<b>JG9U</b>	4 oz amber jar unpres
<b>BG1U</b>	1 liter clear glass	<b>BP3B</b>	250 mL plastic unpres	<b>DG9T</b>	40 mL amber Na Thio	<b>JG9U</b>	9 oz amber jar unpres
<b>AG1H</b>	1 liter amber glass HCL	<b>BP3N</b>	250 mL plastic NaOH	<b>VG9U</b>	40 mL clear vial unpres	<b>WG9U</b>	4 oz clear jar unpres
<b>AG4S</b>	125 mL amber glass H2SO4	<b>BP3N</b>	250 mL plastic HNO3	<b>VG9H</b>	40 mL clear vial HCL	<b>WPFU</b>	4 oz plastic jar unpres
<b>AG5U</b>	100 mL amber glass unpres	<b>BP3S</b>	250 mL plastic H2SO4	<b>VG9M</b>	40 mL clear vial MeOH	<b>SP5T</b>	120 mL plastic Na Thiosulfate
<b>AG2S</b>	500 mL amber glass H2SO4	<b>BP2Z</b>	500 mL plastic NaOH + Zn	<b>VG9D</b>	40 mL clear vial DI	<b>ZPLC</b>	ziploc bag
<b>BG3U</b>	250 mL clear glass unpres					<b>GN 1</b>	
						<b>GN 2</b>	

**Sample Condition Upon Receipt Form (SCUR)**

Project #:

Client Name: AECOM

WO#: **40253998**

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waitco  
 Client  Pace Other: \_\_\_\_\_



Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 110 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: - /Corr: 0

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

Temp should be above freezing to 6°C.

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

Person examining contents:  
 Date: 11/01/22 Initials: MP  
 Labeled By Initials: MJG

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>005" MW-2111 17:30" 11/1/22</u> <u>placed by elimination 11/1/22</u>
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): _____		

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

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

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

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



December 05, 2022

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

RE: Project: 60682984 KEP  
Pace Project No.: 40253868

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on October 28, 2022. 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.: 40253868

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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.: 40253868

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253868001	TB-02	Water	10/26/22 09:30	10/28/22 07:40
40253868002	MW-112	Water	10/26/22 09:40	10/28/22 07:40
40253868003	MW-2302	Water	10/26/22 09:50	10/28/22 07:40
40253868004	MW-2303	Water	10/26/22 10:10	10/28/22 07:40
40253868005	PZ-2203	Water	10/26/22 10:40	10/28/22 07:40
40253868006	MW-116	Water	10/26/22 10:40	10/28/22 07:40
40253868007	PZ-2302	Water	10/26/22 10:30	10/28/22 07:40
40253868008	MW-2202	Water	10/26/22 11:15	10/28/22 07:40
40253868009	PZ-116	Water	10/26/22 11:20	10/28/22 07:40
40253868010	PZ-116D	Water	10/26/22 11:20	10/28/22 07:40
40253868011	MW-115	Water	10/26/22 12:05	10/28/22 07:40
40253868012	PZ-2202	Water	10/26/22 12:00	10/28/22 07:40
40253868013	MW-2301	Water	10/26/22 12:00	10/28/22 07:40
40253868014	MW-2301D	Water	10/26/22 12:00	10/28/22 07:40
40253868015	MW-114	Water	10/26/22 12:55	10/28/22 07:40
40253868016	MW-2201	Water	10/26/22 13:10	10/28/22 07:40
40253868017	MW-2201D	Water	10/26/22 13:10	10/28/22 07:40
40253868018	PZ-118	Water	10/26/22 13:45	10/28/22 07:40
40253868019	PZ-2301	Water	10/26/22 13:50	10/28/22 07:40
40253868020	PZ-2301D	Water	10/26/22 13:50	10/28/22 07:40
40253868021	MW-31	Water	10/26/22 14:10	10/28/22 07:40
40253868022	MW-113	Water	10/26/22 14:35	10/28/22 07:40
40253868023	MW-2303	Water	10/26/22 14:55	10/28/22 07:40
40253868024	MW-2109	Water	10/26/22 15:30	10/28/22 07:40
40253868025	PZ-2303	Water	10/26/22 15:50	10/28/22 07:40
40253868026	PZ-2109	Water	10/26/22 16:00	10/28/22 07:40
40253868027	MW-69R	Water	10/26/22 16:40	10/28/22 07:40
40253868028	MW-71R	Water	10/26/22 16:50	10/28/22 07:40
40253868029	PZ-69R	Water	10/26/22 17:10	10/28/22 07:40
40253868030	MW-70R	Water	10/26/22 17:30	10/28/22 07:40
40253868031	TB-03	Water	10/27/22 07:30	10/28/22 07:40
40253868032	MW-2110	Water	10/27/22 08:00	10/28/22 07:40
40253868033	PZ-2110	Water	10/27/22 09:20	10/28/22 07:40
40253868034	PZ-2103	Water	10/27/22 09:40	10/28/22 07:40
40253868035	PZ-2103D	Water	10/27/22 09:40	10/28/22 07:40
40253868036	MW-2102	Water	10/27/22 10:30	10/28/22 07:40
40253868037	MW-2113	Water	10/27/22 11:30	10/28/22 07:40

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 60682984 KEP

Pace Project No.: 40253868

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253868038	MW-2103	Water	10/27/22 11:40	10/28/22 07:40
40253868039	MW-2103D	Water	10/27/22 11:40	10/28/22 07:40
40253868040	PZ-2113	Water	10/27/22 12:20	10/28/22 07:40
40253868041	MW-2112	Water	10/27/22 13:00	10/28/22 07:40
40253868042	MW-2106	Water	10/27/22 13:20	10/28/22 07:40
40253868043	PZ-2112	Water	10/27/22 13:30	10/28/22 07:40
40253868044	MW-2107	Water	10/27/22 14:15	10/28/22 07:40
40253868045	PZ-2107	Water	10/27/22 15:00	10/28/22 07:40
40253868046	MW-61	Water	10/27/22 14:55	10/28/22 07:40
40253868047	MW-61D	Water	10/27/22 14:55	10/28/22 07:40
40253868048	MW-2101	Water	10/27/22 16:00	10/28/22 07:40
40253868049	PZ-61	Water	10/27/22 16:00	10/28/22 07:40
40253868050	PZ-2101	Water	10/27/22 16:10	10/28/22 07:40
40253868051	MW-2111	Water	10/27/22 17:30	10/28/22 07:40
40253868052	PZ-2111	Water	10/27/22 17:15	10/28/22 07:40

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP

Pace Project No.: 40253868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253868001	TB-02	EPA 8260	EIB	63	PASI-G
40253868002	MW-112	EPA 8260	EIB	63	PASI-G
40253868003	MW-2302	EPA 8260	EIB	63	PASI-G
40253868004	MW-2303	EPA 8260	EIB	63	PASI-G
40253868005	PZ-2203	EPA 8260	EIB	63	PASI-G
40253868006	MW-116	EPA 8260	EIB	63	PASI-G
40253868007	PZ-2302	EPA 8260	EIB	63	PASI-G
40253868008	MW-2202	EPA 8260	EIB	63	PASI-G
40253868009	PZ-116	EPA 8260	EIB	63	PASI-G
40253868010	PZ-116D	EPA 8260	EIB	63	PASI-G
40253868011	MW-115	EPA 8260	EIB	63	PASI-G
40253868012	PZ-2202	EPA 8260	EIB	63	PASI-G
40253868013	MW-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)	HNT	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
40253868014	MW-2301D	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)	HNT	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
40253868015	MW-114	EPA 8260	EIB	63	PASI-G
40253868016	MW-2201	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)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253868017	MW-2201D	EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
40253868018	PZ-118	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8260	EIB	63	PASI-G
40253868019	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)	HNT	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
		40253868020	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)	HNT			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
40253868021	MW-31			EPA 8015B Modified	KHB
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP

Pace Project No.: 40253868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
<b>40253868022</b>	<b>MW-113</b>	EPA 8260	JAV	63	PASI-G
<b>40253868023</b>	<b>MW-2303</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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>40253868024</b>	<b>MW-2109</b>	EPA 8260	JAV	63	PASI-G
<b>40253868025</b>	<b>PZ-2303</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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>40253868026</b>	<b>PZ-2109</b>	EPA 8260	JAV	63	PASI-G
<b>40253868027</b>	<b>MW-69R</b>	EPA 8260	JAV	63	PASI-G
<b>40253868028</b>	<b>MW-71R</b>	EPA 8260	JAV	63	PASI-G
<b>40253868029</b>	<b>PZ-69R</b>	EPA 8260	JAV	63	PASI-G
<b>40253868030</b>	<b>MW-70R</b>	EPA 8260	JAV	63	PASI-G
<b>40253868031</b>	<b>TB-03</b>	EPA 8260	JAV	63	PASI-G
<b>40253868032</b>	<b>MW-2110</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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.: 40253868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253868033	PZ-2110	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40253868034	PZ-2103	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40253868035	PZ-2103D	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
40253868036	MW-2102	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	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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.: 40253868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253868037	MW-2113	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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
40253868038	MW-2103	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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
40253868039	MW-2103D	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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
40253868040	PZ-2113	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	JAV	63	PASI-G
		SM 4500-S F (2000)	HNT	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
40253868041	MW-2112	EPA 8015B Modified	KHB	3	PASI-G

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP

Pace Project No.: 40253868

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)	HNT	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>40253868042</b>	<b>MW-2106</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)	HNT	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>40253868043</b>	<b>PZ-2112</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	EIB	63	PASI-G
<b>40253868044</b>	<b>MW-2107</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	EIB	63	PASI-G
<b>40253868045</b>	<b>PZ-2107</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	EIB	63	PASI-G
<b>40253868046</b>	<b>MW-61</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	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>40253868047</b>	<b>MW-61D</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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>40253868048</b>	<b>MW-2101</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	EIB	63	PASI-G
<b>40253868049</b>	<b>PZ-61</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)	HNT	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>40253868050</b>	<b>PZ-2101</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	EIB	63	PASI-G
<b>40253868051</b>	<b>MW-2111</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	JAV	63	PASI-G
<b>40253868052</b>	<b>PZ-2111</b>	EPA 8015B Modified	KHB	3	PASI-G
		EPA 8260	JAV	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868003</b>	<b>MW-2302</b>					
EPA 8260	Benzene	0.61J	ug/L	1.0	11/03/22 21:58	
EPA 8260	Chloroethane	16.5	ug/L	5.0	11/03/22 21:58	
EPA 8260	1,1-Dichloroethane	123	ug/L	1.0	11/03/22 21:58	
EPA 8260	cis-1,2-Dichloroethene	42.8	ug/L	1.0	11/03/22 21:58	
EPA 8260	trans-1,2-Dichloroethene	0.78J	ug/L	1.0	11/03/22 21:58	
EPA 8260	Methylene Chloride	96.5	ug/L	5.0	11/03/22 21:58	
EPA 8260	Trichloroethene	1.4	ug/L	1.0	11/03/22 21:58	
EPA 8260	Vinyl chloride	21.3	ug/L	1.0	11/03/22 21:58	
<b>40253868007</b>	<b>PZ-2302</b>					
EPA 8260	Chloroethane	2.9J	ug/L	5.0	11/03/22 23:00	
EPA 8260	1,1-Dichloroethane	0.49J	ug/L	1.0	11/03/22 23:00	
<b>40253868008</b>	<b>MW-2202</b>					
EPA 8260	cis-1,2-Dichloroethene	0.50J	ug/L	1.0	11/03/22 23:21	
EPA 8260	Trichloroethene	1.0	ug/L	1.0	11/03/22 23:21	
<b>40253868009</b>	<b>PZ-116</b>					
EPA 8260	Vinyl chloride	0.28J	ug/L	1.0	11/03/22 20:15	
<b>40253868012</b>	<b>PZ-2202</b>					
EPA 8260	Benzene	0.39J	ug/L	1.0	11/04/22 00:02	
<b>40253868013</b>	<b>MW-2301</b>					
EPA 8015B Modified	Ethane	23.9	ug/L	5.6	11/02/22 10:33	
EPA 8015B Modified	Ethene	94.2	ug/L	5.0	11/02/22 10:33	
EPA 8015B Modified	Methane	3330	ug/L	112	11/02/22 13:17	
EPA 6020B	Iron	6.3	mg/L	0.50	11/27/22 13:52	
EPA 6020B	Manganese	0.034	mg/L	0.0081	11/27/22 13:52	
EPA 6020B	Iron, Dissolved	3.7	mg/L	0.25	11/29/22 22:54	
EPA 6020B	Manganese, Dissolved	0.030	mg/L	0.0040	11/29/22 22:54	
EPA 6020B	Nickel, Dissolved	0.00050J	mg/L	0.0010	11/29/22 22:54	
EPA 6020B	Barium, Dissolved	0.055	mg/L	0.0023	11/29/22 22:54	
EPA 6020B	Lead, Dissolved	0.00036J	mg/L	0.0010	11/29/22 22:54	
EPA 8260	cis-1,2-Dichloroethene	8.8	ug/L	1.0	11/04/22 00:23	
EPA 8260	Vinyl chloride	2.3	ug/L	1.0	11/04/22 00:23	
EPA 300.0	Chloride	26.9	mg/L	10.0	11/08/22 00:47	
EPA 300.0	Sulfate	5.1J	mg/L	10.0	11/08/22 00:47	D3
EPA 310.2	Alkalinity, Total as CaCO3	211	mg/L	125	11/03/22 13:47	
EPA 410.4	Chemical Oxygen Demand	55.9	mg/L	50.0	11/08/22 06:51	
SM 5310C	Total Organic Carbon	30.1	mg/L	1.5	11/04/22 21:10	
<b>40253868014</b>	<b>MW-2301D</b>					
EPA 8015B Modified	Ethane	1.7J	ug/L	5.6	11/02/22 10:40	
EPA 8015B Modified	Ethene	10.4	ug/L	5.0	11/02/22 10:40	
EPA 8015B Modified	Methane	250	ug/L	2.8	11/02/22 10:40	
EPA 6020B	Iron	7.6	mg/L	0.25	11/27/22 14:21	
EPA 6020B	Manganese	0.037	mg/L	0.0040	11/27/22 14:21	
EPA 6020B	Barium, Dissolved	0.052	mg/L	0.0023	11/29/22 23:23	
EPA 6020B	Chromium, Dissolved	0.020	mg/L	0.0034	11/29/22 23:23	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868014</b>	<b>MW-2301D</b>					
EPA 6020B	Iron, Dissolved	3.7	mg/L	0.25	11/29/22 23:23	
EPA 6020B	Lead, Dissolved	0.00042J	mg/L	0.0010	11/29/22 23:23	
EPA 6020B	Manganese, Dissolved	0.029	mg/L	0.0040	11/29/22 23:23	
EPA 6020B	Nickel, Dissolved	0.0097	mg/L	0.0010	11/29/22 23:23	
EPA 8260	cis-1,2-Dichloroethene	7.7	ug/L	1.0	11/04/22 00:44	
EPA 8260	Vinyl chloride	1.9	ug/L	1.0	11/04/22 00:44	
EPA 300.0	Chloride	23.4	mg/L	10.0	11/08/22 01:00	
EPA 300.0	Sulfate	3.0J	mg/L	10.0	11/08/22 01:00	D3
EPA 310.2	Alkalinity, Total as CaCO3	218	mg/L	25.0	11/03/22 13:48	
EPA 410.4	Chemical Oxygen Demand	74.5	mg/L	52.6	11/08/22 06:51	
SM 5310C	Total Organic Carbon	31.0	mg/L	1.5	11/04/22 21:25	
<b>40253868015</b>	<b>MW-114</b>					
EPA 8260	Vinyl chloride	4.3	ug/L	1.0	11/04/22 01:05	
<b>40253868016</b>	<b>MW-2201</b>					
EPA 8015B Modified	Ethane	32.3	ug/L	5.6	11/02/22 10:47	
EPA 8015B Modified	Ethene	599	ug/L	25.0	11/02/22 13:24	
EPA 8015B Modified	Methane	1030	ug/L	14.0	11/02/22 13:24	
EPA 6020B	Iron	8.8	mg/L	0.25	11/27/22 14:36	
EPA 6020B	Manganese	0.046	mg/L	0.0040	11/27/22 14:36	
EPA 6020B	Barium, Dissolved	0.099	mg/L	0.0023	11/29/22 23:38	
EPA 6020B	Chromium, Dissolved	0.0011J	mg/L	0.0034	11/29/22 23:38	
EPA 6020B	Iron, Dissolved	7.9	mg/L	0.25	11/29/22 23:38	
EPA 6020B	Manganese, Dissolved	0.037	mg/L	0.0040	11/29/22 23:38	
EPA 8260	cis-1,2-Dichloroethene	245	ug/L	5.0	11/04/22 02:07	
EPA 8260	Vinyl chloride	542	ug/L	5.0	11/04/22 02:07	
EPA 300.0	Chloride	98.1	mg/L	10.0	11/08/22 01:13	
EPA 300.0	Sulfate	37.8	mg/L	10.0	11/08/22 01:13	
EPA 310.2	Alkalinity, Total as CaCO3	626	mg/L	50.0	11/03/22 13:49	
EPA 410.4	Chemical Oxygen Demand	281	mg/L	50.0	11/08/22 06:51	
SM 5310C	Total Organic Carbon	103	mg/L	3.0	11/04/22 22:01	
<b>40253868017</b>	<b>MW-2201D</b>					
EPA 8015B Modified	Ethane	44.7	ug/L	5.6	11/02/22 10:54	
EPA 8015B Modified	Ethene	583	ug/L	50.0	11/02/22 13:31	
EPA 8015B Modified	Methane	939	ug/L	28.0	11/02/22 13:31	
EPA 6020B	Iron	8.9	mg/L	0.25	11/27/22 14:43	
EPA 6020B	Manganese	0.039	mg/L	0.0040	11/27/22 14:43	
EPA 6020B	Barium, Dissolved	0.11	mg/L	0.0023	11/30/22 00:07	
EPA 6020B	Iron, Dissolved	8.8	mg/L	0.25	11/30/22 00:07	
EPA 6020B	Lead, Dissolved	0.00024J	mg/L	0.0010	11/30/22 00:07	
EPA 6020B	Manganese, Dissolved	0.044	mg/L	0.0040	11/30/22 00:07	D9
EPA 6020B	Nickel, Dissolved	0.00029J	mg/L	0.0010	11/30/22 00:07	
EPA 8260	1,1-Dichloroethane	2.5	ug/L	2.0	11/04/22 02:27	
EPA 8260	cis-1,2-Dichloroethene	246	ug/L	2.0	11/04/22 02:27	
EPA 8260	Vinyl chloride	523	ug/L	2.0	11/04/22 02:27	
EPA 300.0	Chloride	98.9	mg/L	10.0	11/08/22 01:26	
EPA 300.0	Sulfate	38.2	mg/L	10.0	11/08/22 01:26	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868017</b>	<b>MW-2201D</b>					
EPA 310.2	Alkalinity, Total as CaCO3	621	mg/L	50.0	11/03/22 13:50	
EPA 410.4	Chemical Oxygen Demand	279	mg/L	50.0	11/09/22 09:00	
SM 5310C	Total Organic Carbon	99.0	mg/L	3.0	11/04/22 22:18	
<b>40253868018</b>	<b>PZ-118</b>					
EPA 8260	cis-1,2-Dichloroethene	7.0	ug/L	1.0	11/03/22 21:38	
EPA 8260	Vinyl chloride	3.1	ug/L	1.0	11/03/22 21:38	
<b>40253868019</b>	<b>PZ-2301</b>					
EPA 8015B Modified	Ethane	6.6	ug/L	5.6	11/02/22 11:01	
EPA 8015B Modified	Ethene	5.3	ug/L	5.0	11/02/22 11:01	
EPA 8015B Modified	Methane	1070	ug/L	28.0	11/02/22 13:38	
EPA 6020B	Iron	0.35	mg/L	0.25	11/30/22 08:41	
EPA 6020B	Manganese	0.0022J	mg/L	0.0040	11/27/22 14:51	
EPA 6020B	Barium, Dissolved	0.034	mg/L	0.0023	11/30/22 00:15	
EPA 300.0	Chloride	24.5	mg/L	10.0	11/08/22 01:38	
EPA 300.0	Sulfate	28.8	mg/L	10.0	11/08/22 01:38	
EPA 310.2	Alkalinity, Total as CaCO3	139	mg/L	125	11/03/22 13:51	MO
EPA 410.4	Chemical Oxygen Demand	53.8	mg/L	50.0	11/09/22 09:00	
SM 5310C	Total Organic Carbon	19.8	mg/L	0.50	11/04/22 22:35	
<b>40253868020</b>	<b>PZ-2301D</b>					
EPA 8015B Modified	Ethane	7.7	ug/L	5.6	11/02/22 11:08	
EPA 8015B Modified	Ethene	6.1	ug/L	5.0	11/02/22 11:08	
EPA 8015B Modified	Methane	1200	ug/L	28.0	11/02/22 13:45	
EPA 6020B	Iron	0.32	mg/L	0.25	11/28/22 12:50	
EPA 6020B	Manganese	0.0022J	mg/L	0.0040	11/27/22 16:17	
EPA 6020B	Barium, Dissolved	0.035	mg/L	0.0023	11/30/22 00:22	
SM 4500-S F (2000)	Sulfide	1.2J	mg/L	4.0	11/02/22 13:44	
EPA 300.0	Chloride	24.2	mg/L	10.0	11/08/22 02:30	
EPA 300.0	Sulfate	29.9	mg/L	10.0	11/08/22 02:30	
EPA 310.2	Alkalinity, Total as CaCO3	159	mg/L	25.0	11/03/22 13:59	
EPA 410.4	Chemical Oxygen Demand	47.5J	mg/L	50.0	11/09/22 09:00	
SM 5310C	Total Organic Carbon	22.3	mg/L	0.50	11/04/22 22:53	
<b>40253868021</b>	<b>MW-31</b>					
EPA 8015B Modified	Ethane	32.1	ug/L	5.6	11/02/22 11:15	
EPA 8015B Modified	Ethene	37.6	ug/L	5.0	11/02/22 11:15	
EPA 8015B Modified	Methane	5900	ug/L	140	11/02/22 13:52	
EPA 6020B	Iron	17.6	mg/L	0.25	11/27/22 16:24	
EPA 6020B	Manganese	0.095	mg/L	0.0040	11/27/22 16:24	
EPA 6020B	Barium, Dissolved	0.54	mg/L	0.0023	11/30/22 00:29	
EPA 6020B	Iron, Dissolved	18.6	mg/L	0.25	11/30/22 00:29	D9
EPA 6020B	Manganese, Dissolved	0.097	mg/L	0.0040	11/30/22 00:29	D9
EPA 8260	Methylene Chloride	0.39J	ug/L	5.0	11/04/22 00:18	
EPA 300.0	Chloride	145	mg/L	10.0	11/08/22 02:43	
EPA 310.2	Alkalinity, Total as CaCO3	819	mg/L	125	11/03/22 14:00	
EPA 410.4	Chemical Oxygen Demand	601	mg/L	50.0	11/09/22 09:00	
SM 5310C	Total Organic Carbon	240	mg/L	15.0	11/04/22 23:11	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868023</b>	<b>MW-2303</b>					
EPA 8015B Modified	Ethane	11.7	ug/L	5.6	11/02/22 11:22	
EPA 8015B Modified	Ethane	101	ug/L	5.0	11/02/22 11:22	
EPA 8015B Modified	Methane	4300	ug/L	70.0	11/02/22 13:58	
EPA 6020B	Iron	2.2	mg/L	0.25	11/27/22 16:46	
EPA 6020B	Manganese	0.12	mg/L	0.0040	11/27/22 16:46	
EPA 6020B	Barium, Dissolved	0.12	mg/L	0.0023	11/30/22 00:37	
EPA 6020B	Chromium, Dissolved	0.0039	mg/L	0.0034	11/30/22 00:37	
EPA 6020B	Iron, Dissolved	2.5	mg/L	0.25	11/30/22 00:37	D9
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	11/30/22 00:37	CR
EPA 6020B	Nickel, Dissolved	0.00067J	mg/L	0.0010	11/30/22 00:37	
EPA 8260	1,1-Dichloroethane	0.76J	ug/L	1.0	11/04/22 00:37	
EPA 8260	cis-1,2-Dichloroethene	4.1	ug/L	1.0	11/04/22 00:37	
EPA 8260	Vinyl chloride	17.1	ug/L	1.0	11/04/22 00:37	
EPA 300.0	Chloride	97.7	mg/L	20.0	11/08/22 02:56	
EPA 300.0	Sulfate	80.5	mg/L	20.0	11/08/22 02:56	
EPA 310.2	Alkalinity, Total as CaCO3	320	mg/L	125	11/03/22 14:01	
SM 5310C	Total Organic Carbon	2.9	mg/L	0.50	11/09/22 04:39	
<b>40253868024</b>	<b>MW-2109</b>					
EPA 8260	cis-1,2-Dichloroethene	85.1	ug/L	1.0	11/04/22 01:18	
EPA 8260	trans-1,2-Dichloroethene	1.5	ug/L	1.0	11/04/22 01:18	
EPA 8260	Vinyl chloride	98.0	ug/L	1.0	11/04/22 01:18	
<b>40253868025</b>	<b>PZ-2303</b>					
EPA 8015B Modified	Ethane	16.3	ug/L	5.6	11/02/22 11:28	
EPA 8015B Modified	Methane	14500	ug/L	280	11/02/22 14:05	
EPA 6020B	Iron	4.6	mg/L	0.25	11/27/22 16:54	
EPA 6020B	Manganese	0.20	mg/L	0.0040	11/27/22 16:54	
EPA 6020B	Barium, Dissolved	0.32	mg/L	0.0023	12/01/22 13:06	
EPA 6020B	Iron, Dissolved	4.0	mg/L	0.25	11/30/22 05:33	
EPA 6020B	Manganese, Dissolved	0.22	mg/L	0.0040	11/30/22 05:33	D9
EPA 6020B	Nickel, Dissolved	0.0012	mg/L	0.0010	11/30/22 05:33	
EPA 8260	Vinyl chloride	0.75J	ug/L	1.0	11/04/22 00:57	
SM 4500-S F (2000)	Sulfide	2.4J	mg/L	4.0	11/02/22 13:47	
EPA 300.0	Chloride	161	mg/L	20.0	11/08/22 03:08	
EPA 300.0	Sulfate	70.5	mg/L	20.0	11/08/22 03:08	
EPA 310.2	Alkalinity, Total as CaCO3	812	mg/L	125	11/03/22 14:02	
EPA 410.4	Chemical Oxygen Demand	30.5J	mg/L	50.0	11/09/22 09:01	
SM 5310C	Total Organic Carbon	10.2	mg/L	0.50	11/09/22 04:55	
<b>40253868026</b>	<b>PZ-2109</b>					
EPA 8260	cis-1,2-Dichloroethene	3.4	ug/L	1.0	11/07/22 15:16	
EPA 8260	Vinyl chloride	12.9	ug/L	1.0	11/07/22 15:16	
<b>40253868032</b>	<b>MW-2110</b>					
EPA 8015B Modified	Methane	1.6J	ug/L	2.8	11/02/22 16:13	B
EPA 6020B	Iron	0.56	mg/L	0.25	11/28/22 12:57	
EPA 6020B	Manganese	0.19	mg/L	0.0040	11/27/22 17:01	
EPA 6020B	Barium, Dissolved	0.051	mg/L	0.0023	12/01/22 13:13	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868032</b>	<b>MW-2110</b>					
EPA 6020B	Iron, Dissolved	0.44	mg/L	0.25	11/30/22 05:40	
EPA 6020B	Manganese, Dissolved	0.23	mg/L	0.0040	11/30/22 05:40	D9
EPA 6020B	Nickel, Dissolved	0.00040J	mg/L	0.0010	11/30/22 05:40	
EPA 8260	cis-1,2-Dichloroethene	9.5	ug/L	1.0	11/03/22 23:38	
EPA 8260	Methylene Chloride	0.38J	ug/L	5.0	11/03/22 23:38	
EPA 8260	Vinyl chloride	8.9	ug/L	1.0	11/03/22 23:38	
EPA 300.0	Chloride	194	mg/L	40.0	11/08/22 03:21	
EPA 300.0	Sulfate	194	mg/L	40.0	11/08/22 03:21	
EPA 310.2	Alkalinity, Total as CaCO3	323	mg/L	25.0	11/03/22 14:03	
SM 5310C	Total Organic Carbon	3.0	mg/L	1.0	11/09/22 05:12	
<b>40253868033</b>	<b>PZ-2110</b>					
EPA 8015B Modified	Methane	5.6	ug/L	2.8	11/02/22 11:57	B
EPA 6020B	Iron	2.8	mg/L	0.25	11/27/22 17:08	
EPA 6020B	Manganese	0.20	mg/L	0.0040	11/27/22 17:08	
EPA 6020B	Barium, Dissolved	0.060	mg/L	0.0023	12/01/22 13:20	
EPA 6020B	Calcium, Dissolved	165	mg/L	5.1	11/30/22 02:05	
EPA 6020B	Iron, Dissolved	2.7	mg/L	0.25	11/30/22 05:48	
EPA 6020B	Magnesium, Dissolved	82.3	mg/L	5.0	11/30/22 02:05	
EPA 6020B	Manganese, Dissolved	0.20	mg/L	0.0040	11/30/22 05:48	
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	11/30/22 05:48	
EPA 6020B	Potassium, Dissolved	3.9	mg/L	0.79	11/30/22 05:48	
EPA 6020B	Sodium, Dissolved	239	mg/L	5.0	11/30/22 02:05	
EPA 300.0	Chloride	630	mg/L	40.0	11/08/22 03:34	
EPA 300.0	Sulfate	399	mg/L	40.0	11/08/22 03:34	
EPA 310.2	Alkalinity, Total as CaCO3	357	mg/L	25.0	11/03/22 14:04	
EPA 410.4	Chemical Oxygen Demand	21.0J	mg/L	52.6	11/09/22 09:02	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	11/10/22 09:30	
<b>40253868034</b>	<b>PZ-2103</b>					
EPA 8015B Modified	Ethane	98.3	ug/L	5.6	11/02/22 12:03	pH
EPA 8015B Modified	Ethene	1860	ug/L	25.0	11/02/22 15:26	pH
EPA 8015B Modified	Methane	29.4	ug/L	2.8	11/02/22 12:03	pH
EPA 6020B	Iron	70.0	mg/L	1.2	11/27/22 17:16	P4
EPA 6020B	Manganese	1.9	mg/L	0.020	11/27/22 17:16	
EPA 6020B	Barium, Dissolved	0.027J	mg/L	0.047	12/01/22 13:28	D3
EPA 6020B	Calcium, Dissolved	431	mg/L	12.7	11/30/22 02:12	
EPA 6020B	Iron, Dissolved	54.3	mg/L	5.0	11/30/22 05:55	
EPA 6020B	Magnesium, Dissolved	291	mg/L	12.5	11/30/22 02:12	
EPA 6020B	Manganese, Dissolved	1.5	mg/L	0.081	11/30/22 05:55	
EPA 6020B	Nickel, Dissolved	0.011J	mg/L	0.020	11/30/22 05:55	D3
EPA 6020B	Potassium, Dissolved	14.2J	mg/L	15.8	12/01/22 13:28	D3
EPA 6020B	Sodium, Dissolved	10800	mg/L	12.5	11/30/22 02:12	
EPA 8260	cis-1,2-Dichloroethene	11400	ug/L	6250	11/04/22 15:41	
EPA 8260	Trichloroethene	268000	ug/L	6250	11/04/22 15:41	
SM 4500-S F (2000)	Sulfide	2.2J	mg/L	4.0	11/02/22 13:51	
EPA 300.0	Chloride	777J	mg/L	1000	11/09/22 15:50	D3
EPA 300.0	Sulfate	19500	mg/L	1000	11/09/22 15:50	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40253868034</b>	<b>PZ-2103</b>					
EPA 310.2	Alkalinity, Total as CaCO3	5410	mg/L	500	11/03/22 14:59	
EPA 410.4	Chemical Oxygen Demand	5060	mg/L	1000	11/09/22 09:02	
SM 5310C	Total Organic Carbon	1020	mg/L	50.0	11/09/22 07:19	
<b>40253868035</b>	<b>PZ-2103D</b>					
EPA 8015B Modified	Ethane	106	ug/L	5.6	11/02/22 12:11	pH
EPA 8015B Modified	Ethene	2070	ug/L	25.0	11/02/22 15:33	pH
EPA 8015B Modified	Methane	32.1	ug/L	2.8	11/02/22 12:11	pH
EPA 6020B	Iron	67.6	mg/L	1.2	11/27/22 17:23	P4
EPA 6020B	Manganese	1.8	mg/L	0.020	11/27/22 17:23	
EPA 6020B	Barium, Dissolved	0.024J	mg/L	0.047	12/01/22 13:35	D3
EPA 6020B	Iron, Dissolved	49.7	mg/L	5.0	11/30/22 06:02	
EPA 6020B	Manganese, Dissolved	1.4	mg/L	0.081	11/30/22 06:02	
EPA 6020B	Nickel, Dissolved	0.0092J	mg/L	0.020	11/30/22 06:02	D3
EPA 8260	cis-1,2-Dichloroethene	12800	ug/L	6250	11/04/22 16:01	
EPA 8260	Trichloroethene	252000	ug/L	6250	11/04/22 16:01	
EPA 300.0	Chloride	730J	mg/L	1000	11/09/22 16:03	D3
EPA 300.0	Sulfate	18200	mg/L	1000	11/09/22 16:03	
EPA 310.2	Alkalinity, Total as CaCO3	5350	mg/L	500	11/03/22 15:00	
EPA 410.4	Chemical Oxygen Demand	4650	mg/L	500	11/09/22 09:02	
SM 5310C	Total Organic Carbon	1020	mg/L	50.0	11/09/22 07:35	
<b>40253868036</b>	<b>MW-2102</b>					
EPA 8015B Modified	Ethane	6.3	ug/L	5.6	11/02/22 12:17	
EPA 8015B Modified	Ethene	32.1	ug/L	5.0	11/02/22 12:17	
EPA 8015B Modified	Methane	8980	ug/L	140	11/02/22 14:38	
EPA 6020B	Iron	175	mg/L	2.5	11/28/22 13:05	
EPA 6020B	Manganese	1.9	mg/L	0.0040	11/27/22 18:22	
EPA 6020B	Barium, Dissolved	0.091	mg/L	0.0047	11/30/22 00:44	
EPA 6020B	Iron, Dissolved	188	mg/L	0.50	11/30/22 00:44	D9
EPA 6020B	Manganese, Dissolved	1.7	mg/L	0.0081	11/30/22 00:44	
EPA 8260	cis-1,2-Dichloroethene	192	ug/L	5.0	11/07/22 18:19	
EPA 8260	Vinyl chloride	60.0	ug/L	5.0	11/07/22 18:19	
EPA 300.0	Chloride	176	mg/L	20.0	11/08/22 04:13	
EPA 310.2	Alkalinity, Total as CaCO3	1290	mg/L	125	11/03/22 14:07	
EPA 410.4	Chemical Oxygen Demand	1870	mg/L	500	11/09/22 09:02	
SM 5310C	Total Organic Carbon	699	mg/L	50.0	11/09/22 07:51	
<b>40253868037</b>	<b>MW-2113</b>					
EPA 8015B Modified	Ethane	2.8J	ug/L	5.6	11/02/22 12:24	
EPA 8015B Modified	Ethene	112	ug/L	5.0	11/02/22 12:24	
EPA 8015B Modified	Methane	3470	ug/L	56.0	11/02/22 14:44	
EPA 6020B	Iron	3.5	mg/L	0.25	11/27/22 18:29	
EPA 6020B	Manganese	0.18	mg/L	0.0040	11/27/22 18:29	
EPA 6020B	Barium, Dissolved	0.20	mg/L	0.0023	11/30/22 00:51	
EPA 6020B	Iron, Dissolved	4.0	mg/L	0.25	11/30/22 00:51	D9
EPA 6020B	Manganese, Dissolved	0.22	mg/L	0.0040	11/30/22 00:51	D9
EPA 6020B	Nickel, Dissolved	0.0096	mg/L	0.0010	11/30/22 00:51	
EPA 8260	cis-1,2-Dichloroethene	269	ug/L	4.0	11/04/22 19:35	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868037</b>	<b>MW-2113</b>					
EPA 8260	trans-1,2-Dichloroethene	38.8	ug/L	4.0	11/04/22 19:35	L2
EPA 8260	Vinyl chloride	3050	ug/L	50.0	11/04/22 02:37	
EPA 300.0	Chloride	123	mg/L	20.0	11/08/22 04:26	
EPA 300.0	Sulfate	307	mg/L	20.0	11/08/22 04:26	
EPA 310.2	Alkalinity, Total as CaCO3	535	mg/L	125	11/03/22 14:08	M0
EPA 410.4	Chemical Oxygen Demand	64.4	mg/L	50.0	11/09/22 09:03	
SM 5310C	Total Organic Carbon	21.9	mg/L	15.0	11/09/22 08:06	
<b>40253868038</b>	<b>MW-2103</b>					
EPA 8015B Modified	Ethane	5.1J	ug/L	5.6	11/02/22 12:31	
EPA 8015B Modified	Ethene	911	ug/L	50.0	11/02/22 14:51	
EPA 8015B Modified	Methane	1160	ug/L	28.0	11/02/22 14:51	
EPA 6020B	Iron	8.3	mg/L	0.25	11/27/22 18:36	
EPA 6020B	Manganese	0.46	mg/L	0.0040	11/27/22 18:36	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0023	11/30/22 00:59	
EPA 6020B	Iron, Dissolved	7.5	mg/L	0.25	11/30/22 00:59	
EPA 6020B	Manganese, Dissolved	0.47	mg/L	0.0040	11/30/22 00:59	D9
EPA 6020B	Nickel, Dissolved	0.00055J	mg/L	0.0010	11/30/22 00:59	
EPA 8260	cis-1,2-Dichloroethene	329	ug/L	5.0	11/04/22 19:55	
EPA 8260	trans-1,2-Dichloroethene	4.3J	ug/L	5.0	11/04/22 19:55	L2
EPA 8260	Vinyl chloride	2180	ug/L	20.0	11/04/22 02:57	
EPA 300.0	Chloride	132	mg/L	20.0	11/08/22 05:17	
EPA 300.0	Sulfate	130	mg/L	20.0	11/08/22 05:17	
EPA 310.2	Alkalinity, Total as CaCO3	373	mg/L	125	11/03/22 14:14	
EPA 410.4	Chemical Oxygen Demand	15.7J	mg/L	50.0	11/09/22 09:03	
SM 5310C	Total Organic Carbon	6.4	mg/L	3.0	11/09/22 08:19	
<b>40253868039</b>	<b>MW-2103D</b>					
EPA 8015B Modified	Ethane	5.7	ug/L	5.6	11/02/22 12:38	
EPA 8015B Modified	Ethene	1140	ug/L	50.0	11/02/22 14:58	
EPA 8015B Modified	Methane	1330	ug/L	28.0	11/02/22 14:58	
EPA 6020B	Iron	8.8	mg/L	0.25	11/27/22 18:44	
EPA 6020B	Manganese	0.48	mg/L	0.0040	11/27/22 18:44	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0023	11/30/22 01:06	
EPA 6020B	Iron, Dissolved	7.5	mg/L	0.25	11/30/22 01:06	
EPA 6020B	Manganese, Dissolved	0.47	mg/L	0.0040	11/30/22 01:06	
EPA 6020B	Nickel, Dissolved	0.00054J	mg/L	0.0010	11/30/22 01:06	
EPA 8260	cis-1,2-Dichloroethene	353	ug/L	5.0	11/04/22 20:15	
EPA 8260	trans-1,2-Dichloroethene	4.3J	ug/L	5.0	11/04/22 20:15	L2
EPA 8260	Vinyl chloride	2350	ug/L	20.0	11/04/22 03:17	
EPA 300.0	Chloride	133	mg/L	40.0	11/08/22 05:30	
EPA 300.0	Sulfate	123	mg/L	40.0	11/08/22 05:30	
EPA 310.2	Alkalinity, Total as CaCO3	320	mg/L	125	11/03/22 14:16	
EPA 410.4	Chemical Oxygen Demand	22.0J	mg/L	50.0	11/09/22 09:03	
SM 5310C	Total Organic Carbon	6.4	mg/L	3.0	11/09/22 08:33	
<b>40253868040</b>	<b>PZ-2113</b>					
EPA 8015B Modified	Ethane	393	ug/L	5.6	11/02/22 12:45	
EPA 8015B Modified	Ethene	1680	ug/L	250	11/02/22 15:05	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40253868040</b>	<b>PZ-2113</b>					
EPA 8015B Modified	Methane	4840	ug/L	140	11/02/22 15:05	
EPA 6020B	Iron	142	mg/L	0.25	11/27/22 18:51	
EPA 6020B	Manganese	0.56	mg/L	0.0040	11/27/22 18:51	
EPA 6020B	Barium, Dissolved	1.3	mg/L	0.0047	12/01/22 13:42	
EPA 6020B	Iron, Dissolved	184	mg/L	0.50	11/30/22 06:10	CR
EPA 6020B	Manganese, Dissolved	0.60	mg/L	0.0081	11/30/22 06:10	D9
EPA 8260	Benzene	0.85J	ug/L	2.0	11/04/22 19:15	
EPA 8260	cis-1,2-Dichloroethene	40.9	ug/L	2.0	11/04/22 19:15	
EPA 8260	trans-1,2-Dichloroethene	12.0	ug/L	2.0	11/04/22 19:15	L2
EPA 8260	Vinyl chloride	177	ug/L	2.0	11/04/22 19:15	
EPA 300.0	Chloride	331	mg/L	20.0	11/08/22 05:43	M0
EPA 310.2	Alkalinity, Total as CaCO3	1990	mg/L	250	11/03/22 14:17	
EPA 410.4	Chemical Oxygen Demand	1920	mg/L	500	11/09/22 09:03	
SM 5310C	Total Organic Carbon	1310	mg/L	50.0	11/09/22 08:48	
<b>40253868041</b>	<b>MW-2112</b>					
EPA 8015B Modified	Ethane	1.9J	ug/L	5.6	11/02/22 12:52	
EPA 8015B Modified	Ethene	38.6	ug/L	5.0	11/02/22 12:52	
EPA 8015B Modified	Methane	939	ug/L	28.0	11/02/22 15:12	
EPA 6020B	Iron	4.4	mg/L	0.25	11/27/22 18:59	
EPA 6020B	Manganese	0.28	mg/L	0.0040	11/27/22 18:59	
EPA 6020B	Barium, Dissolved	0.067	mg/L	0.0023	11/30/22 01:13	
EPA 6020B	Iron, Dissolved	2.7	mg/L	0.25	11/30/22 01:13	
EPA 6020B	Manganese, Dissolved	0.28	mg/L	0.0040	11/30/22 01:13	
EPA 6020B	Nickel, Dissolved	0.0022	mg/L	0.0010	11/30/22 01:13	
EPA 8260	cis-1,2-Dichloroethene	587	ug/L	10.0	11/03/22 02:45	
EPA 8260	trans-1,2-Dichloroethene	5.4J	ug/L	10.0	11/03/22 02:45	
EPA 8260	Vinyl chloride	373	ug/L	10.0	11/03/22 02:45	
EPA 300.0	Chloride	70.9	mg/L	20.0	11/10/22 14:56	
EPA 300.0	Sulfate	330	mg/L	20.0	11/10/22 14:56	M0
EPA 310.2	Alkalinity, Total as CaCO3	336	mg/L	25.0	11/03/22 14:18	
EPA 410.4	Chemical Oxygen Demand	45.4J	mg/L	50.0	11/09/22 09:04	
SM 5310C	Total Organic Carbon	17.4	mg/L	5.0	11/09/22 09:03	
<b>40253868042</b>	<b>MW-2106</b>					
EPA 8015B Modified	Ethane	7.2	ug/L	5.6	11/02/22 12:59	
EPA 8015B Modified	Ethene	559	ug/L	100	11/02/22 15:19	
EPA 8015B Modified	Methane	1620	ug/L	56.0	11/02/22 15:19	
EPA 6020B	Iron	2.0	mg/L	0.25	11/27/22 19:06	
EPA 6020B	Manganese	0.26	mg/L	0.0040	11/27/22 19:06	
EPA 6020B	Barium, Dissolved	0.29	mg/L	0.0023	11/30/22 01:57	
EPA 6020B	Iron, Dissolved	1.7	mg/L	0.25	11/30/22 01:57	
EPA 6020B	Manganese, Dissolved	0.27	mg/L	0.0040	11/30/22 01:57	D9
EPA 6020B	Nickel, Dissolved	0.0018	mg/L	0.0010	11/30/22 01:57	
EPA 8260	cis-1,2-Dichloroethene	87.2	ug/L	20.0	11/03/22 02:25	
EPA 8260	Vinyl chloride	1720	ug/L	20.0	11/03/22 02:25	
EPA 300.0	Chloride	69.6	mg/L	20.0	11/10/22 15:41	
EPA 300.0	Sulfate	293	mg/L	20.0	11/10/22 15:41	

### REPORT OF LABORATORY ANALYSIS

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868042</b>	<b>MW-2106</b>					
EPA 310.2	Alkalinity, Total as CaCO3	653	mg/L	125	11/03/22 14:19	
EPA 410.4	Chemical Oxygen Demand	122	mg/L	50.0	11/09/22 09:04	
SM 5310C	Total Organic Carbon	36.1	mg/L	15.0	11/09/22 09:17	
<b>40253868043</b>	<b>PZ-2112</b>					
EPA 8015B Modified	Ethene	0.35J	ug/L	5.0	11/09/22 09:31	
EPA 8015B Modified	Methane	1380	ug/L	28.0	11/09/22 12:55	
<b>40253868044</b>	<b>MW-2107</b>					
EPA 8015B Modified	Ethane	37.1	ug/L	5.6	11/09/22 09:38	
EPA 8015B Modified	Ethene	42.3	ug/L	5.0	11/09/22 09:38	
EPA 8015B Modified	Methane	6740	ug/L	140	11/09/22 13:02	
EPA 8260	Benzene	2.2	ug/L	1.0	11/05/22 01:00	
EPA 8260	Chloroethane	12.2	ug/L	5.0	11/05/22 01:00	
EPA 8260	Toluene	0.67J	ug/L	1.0	11/05/22 01:00	
EPA 8260	Vinyl chloride	16.5	ug/L	1.0	11/05/22 01:00	
EPA 8260	Xylene (Total)	1.1J	ug/L	3.0	11/05/22 01:00	
<b>40253868045</b>	<b>PZ-2107</b>					
EPA 8015B Modified	Ethane	4.3J	ug/L	5.6	11/09/22 09:45	
EPA 8015B Modified	Ethene	34.4	ug/L	5.0	11/09/22 09:45	
EPA 8015B Modified	Methane	164	ug/L	2.8	11/09/22 09:45	
EPA 8260	cis-1,2-Dichloroethene	1040	ug/L	10.0	11/03/22 03:06	
EPA 8260	trans-1,2-Dichloroethene	7.7J	ug/L	10.0	11/03/22 03:06	
EPA 8260	Vinyl chloride	1100	ug/L	10.0	11/03/22 03:06	
<b>40253868046</b>	<b>MW-61</b>					
EPA 8015B Modified	Ethane	31.6	ug/L	5.6	11/09/22 09:52	
EPA 8015B Modified	Ethene	163	ug/L	5.0	11/09/22 09:52	
EPA 8015B Modified	Methane	1270	ug/L	28.0	11/09/22 13:09	
EPA 6020B	Iron	1.6	mg/L	0.25	11/23/22 17:43	
EPA 6020B	Manganese	0.19	mg/L	0.0040	11/23/22 17:43	
EPA 6020B	Barium, Dissolved	0.11	mg/L	0.0023	11/27/22 07:30	
EPA 6020B	Iron, Dissolved	1.8	mg/L	0.25	11/27/22 07:30	D9
EPA 6020B	Manganese, Dissolved	0.20	mg/L	0.0040	11/27/22 07:30	D9
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	11/27/22 07:30	
EPA 8260	Benzene	5.6J	ug/L	10.0	11/05/22 02:38	
EPA 8260	cis-1,2-Dichloroethene	1010	ug/L	10.0	11/05/22 02:38	
EPA 8260	trans-1,2-Dichloroethene	8.2J	ug/L	10.0	11/05/22 02:38	
EPA 8260	Trichloroethene	9.0J	ug/L	10.0	11/05/22 02:38	
EPA 8260	Vinyl chloride	680	ug/L	10.0	11/05/22 02:38	
EPA 300.0	Chloride	209	mg/L	20.0	11/10/22 15:56	
EPA 300.0	Sulfate	151	mg/L	20.0	11/10/22 15:56	
EPA 310.2	Alkalinity, Total as CaCO3	377	mg/L	25.0	11/03/22 14:20	
EPA 410.4	Chemical Oxygen Demand	41.1J	mg/L	50.0	11/09/22 09:04	
SM 5310C	Total Organic Carbon	9.7	mg/L	3.0	11/09/22 09:31	
<b>40253868047</b>	<b>MW-61D</b>					
EPA 8015B Modified	Ethane	31.1	ug/L	5.6	11/09/22 09:59	

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### SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
<b>40253868047</b>	<b>MW-61D</b>					
EPA 8015B Modified	Ethene	159	ug/L	5.0	11/09/22 09:59	
EPA 8015B Modified	Methane	1310	ug/L	28.0	11/09/22 13:16	
EPA 6020B	Iron	1.6	mg/L	0.25	11/23/22 18:05	
EPA 6020B	Manganese	0.19	mg/L	0.0040	11/23/22 18:05	
EPA 6020B	Barium, Dissolved	0.13	mg/L	0.0023	11/27/22 07:52	
EPA 6020B	Iron, Dissolved	1.6	mg/L	0.25	11/28/22 19:19	
EPA 6020B	Manganese, Dissolved	0.21	mg/L	0.0040	11/27/22 07:52	D9
EPA 6020B	Nickel, Dissolved	0.0011	mg/L	0.0010	11/27/22 07:52	
EPA 8260	Benzene	7.7J	ug/L	10.0	11/03/22 03:27	
EPA 8260	cis-1,2-Dichloroethene	1070	ug/L	10.0	11/03/22 03:27	
EPA 8260	Trichloroethene	7.0J	ug/L	10.0	11/03/22 03:27	
EPA 8260	Vinyl chloride	679	ug/L	10.0	11/03/22 03:27	
EPA 300.0	Chloride	194	mg/L	20.0	11/10/22 16:11	
EPA 300.0	Sulfate	150	mg/L	20.0	11/10/22 16:11	
EPA 310.2	Alkalinity, Total as CaCO3	373	mg/L	25.0	11/03/22 14:21	
EPA 410.4	Chemical Oxygen Demand	39.0J	mg/L	50.0	11/09/22 09:04	
SM 5310C	Total Organic Carbon	9.7	mg/L	3.0	11/09/22 10:05	
<b>40253868048</b>	<b>MW-2101</b>					
EPA 8015B Modified	Ethane	69.4	ug/L	5.6	11/09/22 10:06	
EPA 8015B Modified	Ethene	75.1	ug/L	5.0	11/09/22 10:06	
EPA 8015B Modified	Methane	4800	ug/L	140	11/09/22 13:23	
EPA 8260	Benzene	0.41J	ug/L	1.0	11/05/22 01:20	
EPA 8260	Vinyl chloride	0.44J	ug/L	1.0	11/05/22 01:20	
<b>40253868049</b>	<b>PZ-61</b>					
EPA 8015B Modified	Ethane	8.9	ug/L	5.6	11/09/22 10:13	
EPA 8015B Modified	Methane	7180	ug/L	140	11/09/22 13:30	
EPA 6020B	Iron	93.3	mg/L	0.25	11/23/22 18:13	
EPA 6020B	Manganese	0.17	mg/L	0.0040	11/23/22 18:13	
EPA 6020B	Barium, Dissolved	0.24	mg/L	0.0023	11/27/22 07:59	
EPA 6020B	Iron, Dissolved	95.8	mg/L	0.25	11/27/22 07:59	D9
EPA 6020B	Manganese, Dissolved	0.15	mg/L	0.0040	11/27/22 07:59	
EPA 6020B	Nickel, Dissolved	0.012	mg/L	0.0010	11/27/22 07:59	
EPA 8260	cis-1,2-Dichloroethene	2.1	ug/L	1.0	11/05/22 01:40	
EPA 8260	Toluene	0.92J	ug/L	1.0	11/05/22 01:40	
EPA 300.0	Chloride	629	mg/L	40.0	11/10/22 18:39	
EPA 300.0	Sulfate	7.3J	mg/L	10.0	11/10/22 16:26	D3
EPA 310.2	Alkalinity, Total as CaCO3	633	mg/L	125	11/03/22 14:22	
EPA 410.4	Chemical Oxygen Demand	30.5J	mg/L	50.0	11/09/22 09:05	
SM 5310C	Total Organic Carbon	53.5	mg/L	15.0	11/09/22 10:19	
<b>40253868050</b>	<b>PZ-2101</b>					
EPA 8015B Modified	Ethane	1620	ug/L	280	11/09/22 13:37	pH
EPA 8015B Modified	Ethene	7830	ug/L	250	11/09/22 13:37	pH
EPA 8015B Modified	Methane	836	ug/L	140	11/09/22 13:37	pH
EPA 8260	cis-1,2-Dichloroethene	60000	ug/L	1000	11/03/22 01:44	
EPA 8260	Trichloroethene	77500	ug/L	1000	11/03/22 01:44	
EPA 8260	Vinyl chloride	13700	ug/L	1000	11/03/22 01:44	

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## SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40253868

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>40253868051</b>	<b>MW-2111</b>					
EPA 8015B Modified	Ethane	198	ug/L	5.6	11/09/22 10:27	
EPA 8015B Modified	Ethene	301	ug/L	5.0	11/09/22 10:27	
EPA 8015B Modified	Methane	461	ug/L	11.2	11/09/22 13:43	
EPA 8260	Benzene	1.6J	ug/L	5.0	11/03/22 19:27	
EPA 8260	cis-1,2-Dichloroethene	1250	ug/L	5.0	11/03/22 19:27	
EPA 8260	Vinyl chloride	78.6	ug/L	5.0	11/03/22 19:27	
<b>40253868052</b>	<b>PZ-2111</b>					
EPA 8015B Modified	Ethane	70.0	ug/L	5.6	11/09/22 10:34	pH
EPA 8015B Modified	Ethene	107	ug/L	5.0	11/09/22 10:34	pH
EPA 8015B Modified	Methane	7390	ug/L	140	11/09/22 13:50	pH
EPA 8260	Benzene	0.32J	ug/L	1.0	11/04/22 12:02	
EPA 8260	cis-1,2-Dichloroethene	35.6	ug/L	1.0	11/04/22 12:02	
EPA 8260	trans-1,2-Dichloroethene	0.83J	ug/L	1.0	11/04/22 12:02	L2
EPA 8260	Methylene Chloride	0.40J	ug/L	5.0	11/04/22 12:02	
EPA 8260	Trichloroethene	1.2	ug/L	1.0	11/04/22 12:02	
EPA 8260	Vinyl chloride	4.4	ug/L	1.0	11/04/22 12:02	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: TB-02**      **Lab ID: 40253868001**      Collected: 10/26/22 09:30      Received: 10/28/22 07:40      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		11/03/22 19:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 19:54	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 19:54	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 19:54	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 19:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 19:54	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 19:54	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 19:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 19:54	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 19:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 19:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 19:54	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 19:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 19:54	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 19:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 19:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 19:54	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 19:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 19:54	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 19:54	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 19:54	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 19:54	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 19:54	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 19:54	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 19:54	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 19:54	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 19:54	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 19:54	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 19:54	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 19:54	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 19:54	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 19:54	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 19:54	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 19:54	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 19:54	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 19:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 19:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 19:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 19:54	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 19:54	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 19:54	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 19:54	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 19:54	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 19:54	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 19:54	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: TB-02**      **Lab ID: 40253868001**      Collected: 10/26/22 09:30      Received: 10/28/22 07:40      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		11/03/22 19:54	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 19:54	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 19:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 19:54	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 19:54	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 19:54	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 19:54	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 19:54	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 19:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 19:54	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 19:54	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 19:54	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 19:54	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 19:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 19:54	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/03/22 19:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/03/22 19:54	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/03/22 19:54	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-112**      **Lab ID: 40253868002**      Collected: 10/26/22 09:40      Received: 10/28/22 07:40      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		11/03/22 20:36	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:36	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 20:36	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 20:36	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 20:36	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 20:36	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 20:36	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 20:36	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 20:36	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 20:36	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 20:36	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 20:36	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 20:36	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 20:36	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 20:36	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 20:36	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 20:36	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 20:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 20:36	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 20:36	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 20:36	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 20:36	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 20:36	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 20:36	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:36	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 20:36	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 20:36	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 20:36	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 20:36	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 20:36	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:36	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 20:36	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 20:36	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:36	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 20:36	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 20:36	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 20:36	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 20:36	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 20:36	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 20:36	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 20:36	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 20:36	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 20:36	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 20:36	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:36	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-112**      **Lab ID: 40253868002**      Collected: 10/26/22 09:40      Received: 10/28/22 07:40      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		11/03/22 20:36	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 20:36	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 20:36	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 20:36	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 20:36	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 20:36	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:36	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 20:36	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 20:36	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 20:36	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 20:36	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 20:36	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:36	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 20:36	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 20:36	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/03/22 20:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/03/22 20:36	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/03/22 20:36	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2302**      **Lab ID: 40253868003**      Collected: 10/26/22 09:50      Received: 10/28/22 07:40      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	0.61J	ug/L	1.0	0.30	1		11/03/22 21:58	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 21:58	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 21:58	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 21:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 21:58	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 21:58	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 21:58	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 21:58	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 21:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 21:58	108-90-7	
Chloroethane	16.5	ug/L	5.0	1.4	1		11/03/22 21:58	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 21:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 21:58	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 21:58	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 21:58	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 21:58	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 21:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 21:58	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 21:58	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 21:58	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 21:58	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 21:58	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 21:58	75-71-8	
1,1-Dichloroethane	123	ug/L	1.0	0.30	1		11/03/22 21:58	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 21:58	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 21:58	75-35-4	
cis-1,2-Dichloroethene	42.8	ug/L	1.0	0.47	1		11/03/22 21:58	156-59-2	
trans-1,2-Dichloroethene	0.78J	ug/L	1.0	0.53	1		11/03/22 21:58	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 21:58	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:58	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 21:58	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 21:58	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:58	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 21:58	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 21:58	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 21:58	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 21:58	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 21:58	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 21:58	99-87-6	
Methylene Chloride	96.5	ug/L	5.0	0.32	1		11/03/22 21:58	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 21:58	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 21:58	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 21:58	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:58	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2302**      **Lab ID: 40253868003**      Collected: 10/26/22 09:50      Received: 10/28/22 07:40      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		11/03/22 21:58	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 21:58	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 21:58	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 21:58	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 21:58	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 21:58	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:58	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 21:58	79-00-5	
Trichloroethene	1.4	ug/L	1.0	0.32	1		11/03/22 21:58	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 21:58	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 21:58	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 21:58	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:58	108-67-8	
Vinyl chloride	21.3	ug/L	1.0	0.17	1		11/03/22 21:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 21:58	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/03/22 21:58	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/03/22 21:58	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		11/03/22 21:58	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2303**      **Lab ID: 40253868004**      Collected: 10/26/22 10:10      Received: 10/28/22 07:40      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		11/05/22 02:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/05/22 02:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 02:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/05/22 02:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/05/22 02:24	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 02:24	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/05/22 02:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/05/22 02:24	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/05/22 02:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 02:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/05/22 02:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/05/22 02:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/05/22 02:24	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 02:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 02:24	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/05/22 02:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/05/22 02:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/05/22 02:24	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/05/22 02:24	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 02:24	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 02:24	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/05/22 02:24	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/05/22 02:24	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 02:24	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/05/22 02:24	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/05/22 02:24	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/05/22 02:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/05/22 02:24	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/05/22 02:24	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/05/22 02:24	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/05/22 02:24	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/05/22 02:24	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:24	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/05/22 02:24	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 02:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 02:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/05/22 02:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/05/22 02:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/05/22 02:24	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/05/22 02:24	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 02:24	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/05/22 02:24	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 02:24	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:24	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2303**      **Lab ID: 40253868004**      Collected: 10/26/22 10:10      Received: 10/28/22 07:40      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		11/05/22 02:24	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/05/22 02:24	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/05/22 02:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/05/22 02:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/05/22 02:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/05/22 02:24	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 02:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/05/22 02:24	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/05/22 02:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 02:24	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/05/22 02:24	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/22 02:24	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:24	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/05/22 02:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/22 02:24	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/05/22 02:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/05/22 02:24	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/05/22 02:24	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2203**      **Lab ID: 40253868005**      Collected: 10/26/22 10:40      Received: 10/28/22 07:40      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		11/03/22 22:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 22:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 22:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 22:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 22:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 22:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 22:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 22:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 22:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 22:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 22:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 22:40	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 22:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 22:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 22:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 22:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 22:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 22:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 22:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 22:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 22:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 22:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 22:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 22:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 22:40	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 22:40	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 22:40	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 22:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 22:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 22:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 22:40	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 22:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 22:40	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 22:40	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 22:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 22:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 22:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 22:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 22:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 22:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 22:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 22:40	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 22:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 22:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 22:40	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2203**      **Lab ID: 40253868005**      Collected: 10/26/22 10:40      Received: 10/28/22 07:40      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		11/03/22 22:40	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 22:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 22:40	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 22:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 22:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 22:40	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 22:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 22:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 22:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 22:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 22:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 22:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 22:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 22:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 22:40	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/03/22 22:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/03/22 22:40	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/03/22 22:40	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-116**      **Lab ID: 40253868006**      Collected: 10/26/22 10:40      Received: 10/28/22 07:40      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		11/03/22 20:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:56	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 20:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 20:56	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 20:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 20:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 20:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 20:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 20:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 20:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 20:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 20:56	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 20:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 20:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 20:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 20:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 20:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 20:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 20:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 20:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 20:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 20:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 20:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 20:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 20:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 20:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 20:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 20:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 20:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:56	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 20:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 20:56	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:56	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 20:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 20:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 20:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 20:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 20:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 20:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 20:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 20:56	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 20:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 20:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:56	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-116**      **Lab ID: 40253868006**      Collected: 10/26/22 10:40      Received: 10/28/22 07:40      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		11/03/22 20:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 20:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 20:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 20:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 20:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 20:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 20:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 20:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 20:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 20:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 20:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 20:56	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 20:56	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/03/22 20:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/03/22 20:56	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/03/22 20:56	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2302**      **Lab ID: 40253868007**      Collected: 10/26/22 10:30      Received: 10/28/22 07:40      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		11/03/22 23:00	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 23:00	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:00	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 23:00	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 23:00	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:00	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 23:00	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 23:00	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 23:00	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:00	108-90-7	
Chloroethane	2.9J	ug/L	5.0	1.4	1		11/03/22 23:00	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 23:00	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 23:00	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:00	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:00	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 23:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 23:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 23:00	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 23:00	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:00	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:00	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 23:00	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 23:00	75-71-8	
1,1-Dichloroethane	0.49J	ug/L	1.0	0.30	1		11/03/22 23:00	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 23:00	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 23:00	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 23:00	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 23:00	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 23:00	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:00	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 23:00	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:00	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:00	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 23:00	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:00	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:00	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 23:00	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 23:00	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:00	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 23:00	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:00	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 23:00	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:00	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:00	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2302**      **Lab ID: 40253868007**      Collected: 10/26/22 10:30      Received: 10/28/22 07:40      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		11/03/22 23:00	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 23:00	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:00	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 23:00	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 23:00	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:00	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 23:00	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 23:00	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:00	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 23:00	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 23:00	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:00	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 23:00	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 23:00	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/03/22 23:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/03/22 23:00	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/03/22 23:00	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2202**      **Lab ID: 40253868008**      Collected: 10/26/22 11:15      Received: 10/28/22 07:40      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		11/03/22 23:21	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:21	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 23:21	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:21	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 23:21	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 23:21	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:21	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 23:21	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 23:21	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 23:21	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:21	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 23:21	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 23:21	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 23:21	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:21	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:21	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 23:21	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 23:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 23:21	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 23:21	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:21	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:21	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 23:21	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 23:21	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:21	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 23:21	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 23:21	75-35-4	
cis-1,2-Dichloroethene	0.50J	ug/L	1.0	0.47	1		11/03/22 23:21	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 23:21	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 23:21	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:21	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 23:21	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:21	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:21	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 23:21	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:21	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:21	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 23:21	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 23:21	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:21	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 23:21	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:21	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 23:21	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:21	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:21	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2202**      **Lab ID: 40253868008**      Collected: 10/26/22 11:15      Received: 10/28/22 07:40      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		11/03/22 23:21	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 23:21	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:21	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 23:21	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 23:21	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:21	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 23:21	79-00-5	
Trichloroethene	1.0	ug/L	1.0	0.32	1		11/03/22 23:21	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:21	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 23:21	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 23:21	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 23:21	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 23:21	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		11/03/22 23:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/03/22 23:21	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/03/22 23:21	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-116**      **Lab ID: 40253868009**      Collected: 10/26/22 11:20      Received: 10/28/22 07:40      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		11/03/22 20:15	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:15	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 20:15	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 20:15	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 20:15	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 20:15	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 20:15	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 20:15	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 20:15	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 20:15	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 20:15	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 20:15	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 20:15	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 20:15	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 20:15	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 20:15	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 20:15	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 20:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 20:15	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 20:15	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 20:15	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 20:15	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 20:15	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 20:15	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:15	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 20:15	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 20:15	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 20:15	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 20:15	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 20:15	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:15	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 20:15	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 20:15	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:15	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 20:15	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 20:15	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 20:15	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 20:15	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 20:15	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 20:15	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 20:15	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 20:15	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 20:15	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 20:15	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:15	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-116**      **Lab ID: 40253868009**      Collected: 10/26/22 11:20      Received: 10/28/22 07:40      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		11/03/22 20:15	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 20:15	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 20:15	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 20:15	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 20:15	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 20:15	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 20:15	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 20:15	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 20:15	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 20:15	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 20:15	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 20:15	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 20:15	108-67-8	
Vinyl chloride	0.28J	ug/L	1.0	0.17	1		11/03/22 20:15	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 20:15	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/03/22 20:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/03/22 20:15	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		11/03/22 20:15	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-116D**      **Lab ID: 40253868010**      Collected: 10/26/22 11:20      Received: 10/28/22 07:40      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		11/03/22 23:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 23:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 23:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 23:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 23:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 23:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 23:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 23:42	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 23:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 23:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 23:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 23:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 23:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 23:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 23:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 23:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 23:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 23:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 23:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 23:42	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 23:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:42	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 23:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:42	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:42	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 23:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 23:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 23:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 23:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:42	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 23:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:42	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-116D**      **Lab ID: 40253868010**      Collected: 10/26/22 11:20      Received: 10/28/22 07:40      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		11/03/22 23:42	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 23:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 23:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 23:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 23:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 23:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 23:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 23:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 23:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 23:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		1		11/03/22 23:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/03/22 23:42	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/03/22 23:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-115**      **Lab ID: 40253868011**      Collected: 10/26/22 12:05      Received: 10/28/22 07:40      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		11/03/22 21:17	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:17	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 21:17	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 21:17	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 21:17	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 21:17	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 21:17	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 21:17	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 21:17	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 21:17	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 21:17	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 21:17	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 21:17	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 21:17	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 21:17	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 21:17	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 21:17	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 21:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 21:17	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 21:17	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 21:17	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 21:17	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 21:17	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 21:17	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:17	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 21:17	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 21:17	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 21:17	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 21:17	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 21:17	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:17	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 21:17	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 21:17	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:17	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 21:17	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 21:17	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 21:17	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 21:17	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 21:17	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 21:17	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 21:17	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 21:17	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 21:17	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 21:17	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:17	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-115**      **Lab ID: 40253868011**      Collected: 10/26/22 12:05      Received: 10/28/22 07:40      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		11/03/22 21:17	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 21:17	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 21:17	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 21:17	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 21:17	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 21:17	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:17	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 21:17	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 21:17	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 21:17	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 21:17	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 21:17	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:17	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 21:17	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 21:17	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/03/22 21:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/03/22 21:17	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/03/22 21:17	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2202**      **Lab ID: 40253868012**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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	0.39J	ug/L	1.0	0.30	1		11/04/22 00:02	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:02	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 00:02	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:02	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 00:02	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 00:02	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:02	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 00:02	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 00:02	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 00:02	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:02	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 00:02	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 00:02	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 00:02	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:02	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:02	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 00:02	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 00:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 00:02	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 00:02	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:02	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:02	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 00:02	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 00:02	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:02	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 00:02	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 00:02	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 00:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 00:02	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 00:02	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:02	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 00:02	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:02	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:02	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 00:02	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:02	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:02	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 00:02	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 00:02	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:02	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 00:02	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:02	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 00:02	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:02	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:02	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2202**      **Lab ID: 40253868012**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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		11/04/22 00:02	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 00:02	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:02	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 00:02	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:02	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 00:02	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:02	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 00:02	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 00:02	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:02	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 00:02	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 00:02	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:02	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 00:02	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 00:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	102	%	70-130		1		11/04/22 00:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/04/22 00:02	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/04/22 00:02	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2301**      **Lab ID: 40253868013**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	23.9	ug/L	5.6	0.39	1		11/02/22 10:33	74-84-0	
Ethene	94.2	ug/L	5.0	0.25	1		11/02/22 10:33	74-85-1	
Methane	3330	ug/L	112	23.0	40		11/02/22 13:17	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	6.3	mg/L	0.50	0.12	2	11/16/22 05:23	11/27/22 13:52	7439-89-6	
Manganese	0.034	mg/L	0.0081	0.0024	2	11/16/22 05:23	11/27/22 13:52	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/29/22 22:54	7440-47-3	
Iron, Dissolved	3.7	mg/L	0.25	0.058	1	11/16/22 05:11	11/29/22 22:54	7439-89-6	
Manganese, Dissolved	0.030	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/29/22 22:54	7439-96-5	
Nickel, Dissolved	0.00050J	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/29/22 22:54	7440-02-0	
Barium, Dissolved	0.055	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/29/22 22:54	7440-39-3	
Lead, Dissolved	0.00036J	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/29/22 22:54	7439-92-1	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/04/22 00:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 00:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 00:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 00:23	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:23	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 00:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 00:23	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 00:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 00:23	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 00:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 00:23	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:23	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 00:23	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 00:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 00:23	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 00:23	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:23	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:23	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 00:23	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 00:23	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:23	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2301**      **Lab ID: 40253868013**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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		11/04/22 00:23	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		11/04/22 00:23	75-35-4	
cis-1,2-Dichloroethene	8.8	ug/L	1.0	0.47	1		11/04/22 00:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 00:23	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 00:23	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:23	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 00:23	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:23	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:23	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 00:23	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 00:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 00:23	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:23	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 00:23	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:23	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 00:23	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:23	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 00:23	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 00:23	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 00:23	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:23	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 00:23	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 00:23	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 00:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:23	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 00:23	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 00:23	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:23	108-67-8	
Vinyl chloride	2.3	ug/L	1.0	0.17	1		11/04/22 00:23	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 00:23	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/04/22 00:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/04/22 00:23	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/04/22 00:23	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		11/02/22 13:18		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2301**      **Lab ID: 40253868013**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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>26.9</b>	mg/L	10.0	2.2	5		11/08/22 00:47	16887-00-6	
Sulfate	<b>5.1J</b>	mg/L	10.0	2.2	5		11/08/22 00:47	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>211</b>	mg/L	125	37.2	5		11/03/22 13:47		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>55.9</b>	mg/L	50.0	14.7	1	11/08/22 03:40	11/08/22 06:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>30.1</b>	mg/L	1.5	0.42	3		11/04/22 21:10	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2301D**      **Lab ID: 40253868014**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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		11/02/22 10:40	74-84-0	
Ethene	10.4	ug/L	5.0	0.25	1		11/02/22 10:40	74-85-1	
Methane	250	ug/L	2.8	0.58	1		11/02/22 10:40	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	7.6	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 14:21	7439-89-6	
Manganese	0.037	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 14:21	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.052	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/29/22 23:23	7440-39-3	
Chromium, Dissolved	0.020	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/29/22 23:23	7440-47-3	
Iron, Dissolved	3.7	mg/L	0.25	0.058	1	11/16/22 05:11	11/29/22 23:23	7439-89-6	
Lead, Dissolved	0.00042J	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/29/22 23:23	7439-92-1	
Manganese, Dissolved	0.029	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/29/22 23:23	7439-96-5	
Nickel, Dissolved	0.0097	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/29/22 23:23	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/04/22 00:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 00:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 00:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 00:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 00:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 00:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 00:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 00:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 00:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 00:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 00:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 00:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 00:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 00:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 00:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 00:44	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:44	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2301D**      **Lab ID: 40253868014**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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		11/04/22 00:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 00:44	75-35-4	
cis-1,2-Dichloroethene	7.7	ug/L	1.0	0.47	1		11/04/22 00:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 00:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 00:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:44	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 00:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:44	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:44	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 00:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 00:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 00:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 00:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:44	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 00:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 00:44	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 00:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 00:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 00:44	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 00:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 00:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 00:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 00:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:44	108-67-8	
Vinyl chloride	1.9	ug/L	1.0	0.17	1		11/04/22 00:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 00:44	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/22 00:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/04/22 00:44	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/04/22 00:44	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		11/02/22 13:39		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2301D**      **Lab ID: 40253868014**      Collected: 10/26/22 12:00      Received: 10/28/22 07:40      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>23.4</b>	mg/L	10.0	2.2	5		11/08/22 01:00	16887-00-6	
Sulfate	<b>3.0J</b>	mg/L	10.0	2.2	5		11/08/22 01:00	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>218</b>	mg/L	25.0	7.4	1		11/03/22 13:48		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>74.5</b>	mg/L	52.6	15.5	1	11/08/22 03:40	11/08/22 06:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>31.0</b>	mg/L	1.5	0.42	3		11/04/22 21:25	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-114**      **Lab ID: 40253868015**      Collected: 10/26/22 12:55      Received: 10/28/22 07:40      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		11/04/22 01:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 01:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 01:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 01:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 01:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 01:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 01:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 01:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 01:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 01:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 01:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 01:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 01:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 01:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 01:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 01:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 01:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 01:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 01:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 01:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 01:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 01:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 01:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 01:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 01:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 01:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 01:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 01:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:05	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 01:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 01:05	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:05	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 01:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 01:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 01:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 01:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 01:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 01:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 01:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 01:05	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 01:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 01:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:05	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-114**      **Lab ID: 40253868015**      Collected: 10/26/22 12:55      Received: 10/28/22 07:40      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		11/04/22 01:05	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 01:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 01:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 01:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 01:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 01:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 01:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 01:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 01:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 01:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 01:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:05	108-67-8	
Vinyl chloride	4.3	ug/L	1.0	0.17	1		11/04/22 01:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 01:05	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/22 01:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/04/22 01:05	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/04/22 01:05	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2201**      **Lab ID: 40253868016**      Collected: 10/26/22 13:10      Received: 10/28/22 07:40      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>32.3</b>	ug/L	5.6	0.39	1		11/02/22 10:47	74-84-0	
Ethene	<b>599</b>	ug/L	25.0	1.3	5		11/02/22 13:24	74-85-1	
Methane	<b>1030</b>	ug/L	14.0	2.9	5		11/02/22 13:24	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<b>8.8</b>	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 14:36	7439-89-6	
Manganese	<b>0.046</b>	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 14:36	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.099</b>	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/29/22 23:38	7440-39-3	
Chromium, Dissolved	<b>0.0011J</b>	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/29/22 23:38	7440-47-3	
Iron, Dissolved	<b>7.9</b>	mg/L	0.25	0.058	1	11/16/22 05:11	11/29/22 23:38	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/29/22 23:38	7439-92-1	
Manganese, Dissolved	<b>0.037</b>	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/29/22 23:38	7439-96-5	
Nickel, Dissolved	<b>&lt;0.00028</b>	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/29/22 23:38	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<b>&lt;1.5</b>	ug/L	5.0	1.5	5		11/04/22 02:07	71-43-2	
Bromobenzene	<b>&lt;1.8</b>	ug/L	5.0	1.8	5		11/04/22 02:07	108-86-1	
Bromochloromethane	<b>&lt;1.8</b>	ug/L	25.0	1.8	5		11/04/22 02:07	74-97-5	
Bromodichloromethane	<b>&lt;2.1</b>	ug/L	5.0	2.1	5		11/04/22 02:07	75-27-4	
Bromoform	<b>&lt;19.0</b>	ug/L	25.0	19.0	5		11/04/22 02:07	75-25-2	
Bromomethane	<b>&lt;6.0</b>	ug/L	25.0	6.0	5		11/04/22 02:07	74-83-9	
n-Butylbenzene	<b>&lt;4.3</b>	ug/L	5.0	4.3	5		11/04/22 02:07	104-51-8	
sec-Butylbenzene	<b>&lt;2.1</b>	ug/L	5.0	2.1	5		11/04/22 02:07	135-98-8	
tert-Butylbenzene	<b>&lt;2.9</b>	ug/L	5.0	2.9	5		11/04/22 02:07	98-06-6	
Carbon tetrachloride	<b>&lt;1.8</b>	ug/L	5.0	1.8	5		11/04/22 02:07	56-23-5	
Chlorobenzene	<b>&lt;4.3</b>	ug/L	5.0	4.3	5		11/04/22 02:07	108-90-7	
Chloroethane	<b>&lt;6.9</b>	ug/L	25.0	6.9	5		11/04/22 02:07	75-00-3	
Chloroform	<b>&lt;5.9</b>	ug/L	25.0	5.9	5		11/04/22 02:07	67-66-3	
Chloromethane	<b>&lt;8.2</b>	ug/L	25.0	8.2	5		11/04/22 02:07	74-87-3	
2-Chlorotoluene	<b>&lt;4.4</b>	ug/L	25.0	4.4	5		11/04/22 02:07	95-49-8	
4-Chlorotoluene	<b>&lt;4.5</b>	ug/L	25.0	4.5	5		11/04/22 02:07	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;11.8</b>	ug/L	25.0	11.8	5		11/04/22 02:07	96-12-8	
Dibromochloromethane	<b>&lt;13.2</b>	ug/L	25.0	13.2	5		11/04/22 02:07	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;1.5</b>	ug/L	5.0	1.5	5		11/04/22 02:07	106-93-4	
Dibromomethane	<b>&lt;5.0</b>	ug/L	25.0	5.0	5		11/04/22 02:07	74-95-3	
1,2-Dichlorobenzene	<b>&lt;1.6</b>	ug/L	5.0	1.6	5		11/04/22 02:07	95-50-1	
1,3-Dichlorobenzene	<b>&lt;1.8</b>	ug/L	5.0	1.8	5		11/04/22 02:07	541-73-1	
1,4-Dichlorobenzene	<b>&lt;4.5</b>	ug/L	5.0	4.5	5		11/04/22 02:07	106-46-7	
Dichlorodifluoromethane	<b>&lt;2.3</b>	ug/L	25.0	2.3	5		11/04/22 02:07	75-71-8	
1,1-Dichloroethane	<b>&lt;1.5</b>	ug/L	5.0	1.5	5		11/04/22 02:07	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2201**      **Lab ID: 40253868016**      Collected: 10/26/22 13:10      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 02:07	107-06-2	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		11/04/22 02:07	75-35-4	
cis-1,2-Dichloroethene	245	ug/L	5.0	2.4	5		11/04/22 02:07	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		11/04/22 02:07	156-60-5	
1,2-Dichloropropane	<2.2	ug/L	5.0	2.2	5		11/04/22 02:07	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	5.0	1.5	5		11/04/22 02:07	142-28-9	
2,2-Dichloropropane	<20.9	ug/L	25.0	20.9	5		11/04/22 02:07	594-20-7	
1,1-Dichloropropene	<2.1	ug/L	5.0	2.1	5		11/04/22 02:07	563-58-6	
cis-1,3-Dichloropropene	<1.8	ug/L	5.0	1.8	5		11/04/22 02:07	10061-01-5	
trans-1,3-Dichloropropene	<17.3	ug/L	25.0	17.3	5		11/04/22 02:07	10061-02-6	
Diisopropyl ether	<5.5	ug/L	25.0	5.5	5		11/04/22 02:07	108-20-3	
Ethylbenzene	<1.6	ug/L	5.0	1.6	5		11/04/22 02:07	100-41-4	
Hexachloro-1,3-butadiene	<13.7	ug/L	25.0	13.7	5		11/04/22 02:07	87-68-3	
Isopropylbenzene (Cumene)	<5.0	ug/L	25.0	5.0	5		11/04/22 02:07	98-82-8	
p-Isopropyltoluene	<5.2	ug/L	25.0	5.2	5		11/04/22 02:07	99-87-6	
Methylene Chloride	<1.6	ug/L	25.0	1.6	5		11/04/22 02:07	75-09-2	
Methyl-tert-butyl ether	<5.6	ug/L	25.0	5.6	5		11/04/22 02:07	1634-04-4	
Naphthalene	<5.6	ug/L	25.0	5.6	5		11/04/22 02:07	91-20-3	
n-Propylbenzene	<1.7	ug/L	5.0	1.7	5		11/04/22 02:07	103-65-1	
Styrene	<1.8	ug/L	5.0	1.8	5		11/04/22 02:07	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	5.0	1.8	5		11/04/22 02:07	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		11/04/22 02:07	79-34-5	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		11/04/22 02:07	127-18-4	
Toluene	<1.4	ug/L	5.0	1.4	5		11/04/22 02:07	108-88-3	
1,2,3-Trichlorobenzene	<5.1	ug/L	25.0	5.1	5		11/04/22 02:07	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		11/04/22 02:07	120-82-1	
1,1,1-Trichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 02:07	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		11/04/22 02:07	79-00-5	
Trichloroethene	<1.6	ug/L	5.0	1.6	5		11/04/22 02:07	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	5.0	2.1	5		11/04/22 02:07	75-69-4	
1,2,3-Trichloropropane	<2.8	ug/L	25.0	2.8	5		11/04/22 02:07	96-18-4	
1,2,4-Trimethylbenzene	<2.2	ug/L	5.0	2.2	5		11/04/22 02:07	95-63-6	
1,3,5-Trimethylbenzene	<1.8	ug/L	5.0	1.8	5		11/04/22 02:07	108-67-8	
Vinyl chloride	542	ug/L	5.0	0.87	5		11/04/22 02:07	75-01-4	
Xylene (Total)	<5.2	ug/L	15.0	5.2	5		11/04/22 02:07	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	98	%	70-130		5		11/04/22 02:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		5		11/04/22 02:07	2199-69-1	
Toluene-d8 (S)	99	%	70-130		5		11/04/22 02:07	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		11/02/22 13:41		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2201**      **Lab ID: 40253868016**      Collected: 10/26/22 13:10      Received: 10/28/22 07:40      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>98.1</b>	mg/L	10.0	2.2	5		11/08/22 01:13	16887-00-6	
Sulfate	<b>37.8</b>	mg/L	10.0	2.2	5		11/08/22 01:13	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>626</b>	mg/L	50.0	14.9	2		11/03/22 13:49		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>281</b>	mg/L	50.0	14.7	1	11/08/22 03:40	11/08/22 06:51		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>103</b>	mg/L	3.0	0.83	6		11/04/22 22:01	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2201D**      **Lab ID: 40253868017**      Collected: 10/26/22 13:10      Received: 10/28/22 07:40      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	44.7	ug/L	5.6	0.39	1		11/02/22 10:54	74-84-0	
Ethene	583	ug/L	50.0	2.5	10		11/02/22 13:31	74-85-1	
Methane	939	ug/L	28.0	5.8	10		11/02/22 13:31	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	8.9	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 14:43	7439-89-6	
Manganese	0.039	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 14:43	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.11	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:07	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:07	7440-47-3	
Iron, Dissolved	8.8	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:07	7439-89-6	
Lead, Dissolved	0.00024J	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:07	7439-92-1	
Manganese, Dissolved	0.044	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:07	7439-96-5	D9
Nickel, Dissolved	0.00029J	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:07	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.59	ug/L	2.0	0.59	2		11/04/22 02:27	71-43-2	
Bromobenzene	<0.72	ug/L	2.0	0.72	2		11/04/22 02:27	108-86-1	
Bromochloromethane	<0.72	ug/L	10.0	0.72	2		11/04/22 02:27	74-97-5	
Bromodichloromethane	<0.83	ug/L	2.0	0.83	2		11/04/22 02:27	75-27-4	
Bromoform	<7.6	ug/L	10.0	7.6	2		11/04/22 02:27	75-25-2	
Bromomethane	<2.4	ug/L	10.0	2.4	2		11/04/22 02:27	74-83-9	
n-Butylbenzene	<1.7	ug/L	2.0	1.7	2		11/04/22 02:27	104-51-8	
sec-Butylbenzene	<0.85	ug/L	2.0	0.85	2		11/04/22 02:27	135-98-8	
tert-Butylbenzene	<1.2	ug/L	2.0	1.2	2		11/04/22 02:27	98-06-6	
Carbon tetrachloride	<0.74	ug/L	2.0	0.74	2		11/04/22 02:27	56-23-5	
Chlorobenzene	<1.7	ug/L	2.0	1.7	2		11/04/22 02:27	108-90-7	
Chloroethane	<2.8	ug/L	10.0	2.8	2		11/04/22 02:27	75-00-3	
Chloroform	<2.4	ug/L	10.0	2.4	2		11/04/22 02:27	67-66-3	
Chloromethane	<3.3	ug/L	10.0	3.3	2		11/04/22 02:27	74-87-3	
2-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		11/04/22 02:27	95-49-8	
4-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		11/04/22 02:27	106-43-4	
1,2-Dibromo-3-chloropropane	<4.7	ug/L	10.0	4.7	2		11/04/22 02:27	96-12-8	
Dibromochloromethane	<5.3	ug/L	10.0	5.3	2		11/04/22 02:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.62	ug/L	2.0	0.62	2		11/04/22 02:27	106-93-4	
Dibromomethane	<2.0	ug/L	10.0	2.0	2		11/04/22 02:27	74-95-3	
1,2-Dichlorobenzene	<0.65	ug/L	2.0	0.65	2		11/04/22 02:27	95-50-1	
1,3-Dichlorobenzene	<0.70	ug/L	2.0	0.70	2		11/04/22 02:27	541-73-1	
1,4-Dichlorobenzene	<1.8	ug/L	2.0	1.8	2		11/04/22 02:27	106-46-7	
Dichlorodifluoromethane	<0.91	ug/L	10.0	0.91	2		11/04/22 02:27	75-71-8	
1,1-Dichloroethane	2.5	ug/L	2.0	0.59	2		11/04/22 02:27	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2201D**      **Lab ID: 40253868017**      Collected: 10/26/22 13:10      Received: 10/28/22 07:40      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		11/04/22 02:27	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		11/04/22 02:27	75-35-4	
cis-1,2-Dichloroethene	246	ug/L	2.0	0.94	2		11/04/22 02:27	156-59-2	
trans-1,2-Dichloroethene	<1.1	ug/L	2.0	1.1	2		11/04/22 02:27	156-60-5	
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		11/04/22 02:27	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	2		11/04/22 02:27	142-28-9	
2,2-Dichloropropane	<8.4	ug/L	10.0	8.4	2		11/04/22 02:27	594-20-7	
1,1-Dichloropropene	<0.82	ug/L	2.0	0.82	2		11/04/22 02:27	563-58-6	
cis-1,3-Dichloropropene	<0.72	ug/L	2.0	0.72	2		11/04/22 02:27	10061-01-5	
trans-1,3-Dichloropropene	<6.9	ug/L	10.0	6.9	2		11/04/22 02:27	10061-02-6	
Diisopropyl ether	<2.2	ug/L	10.0	2.2	2		11/04/22 02:27	108-20-3	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		11/04/22 02:27	100-41-4	
Hexachloro-1,3-butadiene	<5.5	ug/L	10.0	5.5	2		11/04/22 02:27	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	10.0	2.0	2		11/04/22 02:27	98-82-8	
p-Isopropyltoluene	<2.1	ug/L	10.0	2.1	2		11/04/22 02:27	99-87-6	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		11/04/22 02:27	75-09-2	
Methyl-tert-butyl ether	<2.3	ug/L	10.0	2.3	2		11/04/22 02:27	1634-04-4	
Naphthalene	<2.3	ug/L	10.0	2.3	2		11/04/22 02:27	91-20-3	
n-Propylbenzene	<0.69	ug/L	2.0	0.69	2		11/04/22 02:27	103-65-1	
Styrene	<0.71	ug/L	2.0	0.71	2		11/04/22 02:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.71	ug/L	2.0	0.71	2		11/04/22 02:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		11/04/22 02:27	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		11/04/22 02:27	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		11/04/22 02:27	108-88-3	
1,2,3-Trichlorobenzene	<2.0	ug/L	10.0	2.0	2		11/04/22 02:27	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		11/04/22 02:27	120-82-1	
1,1,1-Trichloroethane	<0.61	ug/L	2.0	0.61	2		11/04/22 02:27	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		11/04/22 02:27	79-00-5	
Trichloroethene	<0.64	ug/L	2.0	0.64	2		11/04/22 02:27	79-01-6	
Trichlorofluoromethane	<0.84	ug/L	2.0	0.84	2		11/04/22 02:27	75-69-4	
1,2,3-Trichloropropane	<1.1	ug/L	10.0	1.1	2		11/04/22 02:27	96-18-4	
1,2,4-Trimethylbenzene	<0.90	ug/L	2.0	0.90	2		11/04/22 02:27	95-63-6	
1,3,5-Trimethylbenzene	<0.71	ug/L	2.0	0.71	2		11/04/22 02:27	108-67-8	
Vinyl chloride	523	ug/L	2.0	0.35	2		11/04/22 02:27	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		11/04/22 02:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		2		11/04/22 02:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		2		11/04/22 02:27	2199-69-1	
Toluene-d8 (S)	98	%	70-130		2		11/04/22 02:27	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		11/02/22 13:42		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2201D**      **Lab ID: 40253868017**      Collected: 10/26/22 13:10      Received: 10/28/22 07:40      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>98.9</b>	mg/L	10.0	2.2	5		11/08/22 01:26	16887-00-6	
Sulfate	<b>38.2</b>	mg/L	10.0	2.2	5		11/08/22 01:26	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>621</b>	mg/L	50.0	14.9	2		11/03/22 13:50		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>279</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:00		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>99.0</b>	mg/L	3.0	0.83	6		11/04/22 22:18	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-118**      **Lab ID: 40253868018**      Collected: 10/26/22 13:45      Received: 10/28/22 07:40      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		11/03/22 21:38	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:38	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 21:38	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 21:38	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 21:38	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 21:38	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 21:38	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 21:38	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 21:38	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 21:38	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 21:38	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 21:38	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 21:38	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 21:38	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 21:38	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 21:38	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 21:38	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 21:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 21:38	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 21:38	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 21:38	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 21:38	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 21:38	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 21:38	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:38	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 21:38	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 21:38	75-35-4	
cis-1,2-Dichloroethene	7.0	ug/L	1.0	0.47	1		11/03/22 21:38	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 21:38	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 21:38	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:38	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 21:38	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 21:38	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:38	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 21:38	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 21:38	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 21:38	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 21:38	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 21:38	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 21:38	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 21:38	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 21:38	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 21:38	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 21:38	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:38	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-118**      **Lab ID: 40253868018**      Collected: 10/26/22 13:45      Received: 10/28/22 07:40      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		11/03/22 21:38	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 21:38	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 21:38	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 21:38	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 21:38	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 21:38	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 21:38	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 21:38	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 21:38	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 21:38	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 21:38	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 21:38	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 21:38	108-67-8	
Vinyl chloride	3.1	ug/L	1.0	0.17	1		11/03/22 21:38	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 21:38	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		11/03/22 21:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/03/22 21:38	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/03/22 21:38	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2301**      **Lab ID: 40253868019**      Collected: 10/26/22 13:50      Received: 10/28/22 07:40      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	6.6	ug/L	5.6	0.39	1		11/02/22 11:01	74-84-0	
Ethene	5.3	ug/L	5.0	0.25	1		11/02/22 11:01	74-85-1	
Methane	1070	ug/L	28.0	5.8	10		11/02/22 13:38	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	0.35	mg/L	0.25	0.058	1	11/16/22 05:23	11/30/22 08:41	7439-89-6	
Manganese	0.0022J	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 14:51	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.034	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:15	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:15	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:15	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:15	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:15	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:15	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		11/04/22 01:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 01:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 01:25	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 01:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 01:25	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 01:25	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 01:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 01:25	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 01:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 01:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 01:25	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 01:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 01:25	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 01:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 01:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 01:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 01:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 01:25	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 01:25	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 01:25	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 01:25	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 01:25	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 01:25	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:25	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2301**      **Lab ID: 40253868019**      Collected: 10/26/22 13:50      Received: 10/28/22 07:40      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		11/04/22 01:25	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 01:25	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 01:25	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 01:25	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 01:25	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:25	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 01:25	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 01:25	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:25	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 01:25	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 01:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 01:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 01:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 01:25	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 01:25	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 01:25	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 01:25	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 01:25	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 01:25	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 01:25	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 01:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 01:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 01:25	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 01:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 01:25	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 01:25	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 01:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 01:25	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 01:25	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 01:25	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:25	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 01:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 01:25	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/04/22 01:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/04/22 01:25	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/04/22 01:25	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		11/02/22 13:43		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2301**      **Lab ID: 40253868019**      Collected: 10/26/22 13:50      Received: 10/28/22 07:40      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>24.5</b>	mg/L	10.0	2.2	5		11/08/22 01:38	16887-00-6	
Sulfate	<b>28.8</b>	mg/L	10.0	2.2	5		11/08/22 01:38	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>139</b>	mg/L	125	37.2	5		11/03/22 13:51		M0
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>53.8</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:00		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>19.8</b>	mg/L	0.50	0.14	1		11/04/22 22:35	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2301D**      **Lab ID: 40253868020**      Collected: 10/26/22 13:50      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Ethane	7.7	ug/L	5.6	0.39	1		11/02/22 11:08	74-84-0	
Ethene	6.1	ug/L	5.0	0.25	1		11/02/22 11:08	74-85-1	
Methane	1200	ug/L	28.0	5.8	10		11/02/22 13:45	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	0.32	mg/L	0.25	0.058	1	11/16/22 05:23	11/28/22 12:50	7439-89-6	
Manganese	0.0022J	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 16:17	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.035	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:22	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:22	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:22	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:22	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:22	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:22	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		11/05/22 02:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/05/22 02:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 02:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/05/22 02:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/05/22 02:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 02:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/05/22 02:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/05/22 02:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/05/22 02:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 02:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/05/22 02:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/05/22 02:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/05/22 02:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 02:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 02:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/05/22 02:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/05/22 02:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/05/22 02:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/05/22 02:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 02:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 02:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/05/22 02:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/05/22 02:44	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 02:44	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2301D**      **Lab ID: 40253868020**      Collected: 10/26/22 13:50      Received: 10/28/22 07:40      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		11/05/22 02:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/05/22 02:44	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/05/22 02:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/05/22 02:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/05/22 02:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/05/22 02:44	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/05/22 02:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/05/22 02:44	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:44	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/05/22 02:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 02:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 02:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/05/22 02:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/05/22 02:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/05/22 02:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/05/22 02:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 02:44	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/05/22 02:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 02:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/05/22 02:44	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/05/22 02:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/05/22 02:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/05/22 02:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/05/22 02:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/05/22 02:44	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 02:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/05/22 02:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/05/22 02:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 02:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/05/22 02:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/22 02:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 02:44	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/05/22 02:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/22 02:44	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		11/05/22 02:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/05/22 02:44	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/05/22 02:44	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		11/02/22 13:44		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2301D**      **Lab ID: 40253868020**      Collected: 10/26/22 13:50      Received: 10/28/22 07:40      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>24.2</b>	mg/L	10.0	2.2	5		11/08/22 02:30	16887-00-6	
Sulfate	<b>29.9</b>	mg/L	10.0	2.2	5		11/08/22 02:30	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>159</b>	mg/L	25.0	7.4	1		11/03/22 13:59		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>47.5J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:00		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>22.3</b>	mg/L	0.50	0.14	1		11/04/22 22:53	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-31**      **Lab ID: 40253868021**      Collected: 10/26/22 14:10      Received: 10/28/22 07:40      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	32.1	ug/L	5.6	0.39	1		11/02/22 11:15	74-84-0	
Ethene	37.6	ug/L	5.0	0.25	1		11/02/22 11:15	74-85-1	
Methane	5900	ug/L	140	28.8	50		11/02/22 13:52	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	17.6	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 16:24	7439-89-6	
Manganese	0.095	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 16:24	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.54	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:29	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:29	7440-47-3	
Iron, Dissolved	18.6	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:29	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:29	7439-92-1	
Manganese, Dissolved	0.097	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:29	7439-96-5	D9
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:29	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/04/22 00:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:18	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 00:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:18	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 00:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 00:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 00:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 00:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 00:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 00:18	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 00:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 00:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 00:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 00:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 00:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 00:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 00:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 00:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:18	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-31** Lab ID: **40253868021** Collected: 10/26/22 14:10 Received: 10/28/22 07:40 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		11/04/22 00:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 00:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 00:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 00:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 00:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:18	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 00:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:18	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:18	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 00:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 00:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 00:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:18	99-87-6	
Methylene Chloride	<b>0.39J</b>	ug/L	5.0	0.32	1		11/04/22 00:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:18	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 00:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:18	100-42-5	M1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 00:18	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 00:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 00:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 00:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 00:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 00:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 00:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 00:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 00:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 00:18	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/04/22 00:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		11/04/22 00:18	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		11/04/22 00:18	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		11/02/22 13:45		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-31**      **Lab ID: 40253868021**      Collected: 10/26/22 14:10      Received: 10/28/22 07:40      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>145</b>	mg/L	10.0	2.2	5		11/08/22 02:43	16887-00-6	
Sulfate	<b>&lt;2.2</b>	mg/L	10.0	2.2	5		11/08/22 02:43	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>819</b>	mg/L	125	37.2	5		11/03/22 14:00		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>601</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:00		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>240</b>	mg/L	15.0	4.2	30		11/04/22 23:11	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-113**      **Lab ID: 40253868022**      Collected: 10/26/22 14:35      Received: 10/28/22 07:40      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		11/03/22 23:58	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 23:58	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:58	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 23:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 23:58	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:58	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 23:58	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 23:58	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 23:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 23:58	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 23:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 23:58	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:58	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:58	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 23:58	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 23:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 23:58	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 23:58	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:58	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:58	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 23:58	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 23:58	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:58	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 23:58	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 23:58	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 23:58	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 23:58	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 23:58	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:58	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 23:58	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:58	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:58	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 23:58	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:58	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:58	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 23:58	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 23:58	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:58	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 23:58	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:58	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 23:58	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:58	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:58	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-113**      **Lab ID: 40253868022**      Collected: 10/26/22 14:35      Received: 10/28/22 07:40      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		11/03/22 23:58	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 23:58	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:58	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 23:58	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:58	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 23:58	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:58	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 23:58	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 23:58	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:58	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 23:58	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 23:58	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:58	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 23:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 23:58	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		11/03/22 23:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/03/22 23:58	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/03/22 23:58	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2303**      **Lab ID: 40253868023**      Collected: 10/26/22 14:55      Received: 10/28/22 07:40      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		11/02/22 11:22	74-84-0	
Ethene	101	ug/L	5.0	0.25	1		11/02/22 11:22	74-85-1	
Methane	4300	ug/L	70.0	14.4	25		11/02/22 13:58	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	2.2	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 16:46	7439-89-6	
Manganese	0.12	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 16:46	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.12	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:37	7440-39-3	
Chromium, Dissolved	0.0039	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:37	7440-47-3	
Iron, Dissolved	2.5	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:37	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:37	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:37	7439-96-5	CR
Nickel, Dissolved	0.00067J	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:37	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		11/04/22 00:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:37	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 00:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:37	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 00:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 00:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 00:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 00:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 00:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 00:37	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 00:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 00:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 00:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 00:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 00:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 00:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 00:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 00:37	75-71-8	
1,1-Dichloroethane	0.76J	ug/L	1.0	0.30	1		11/04/22 00:37	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2303**      **Lab ID: 40253868023**      Collected: 10/26/22 14:55      Received: 10/28/22 07:40      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		11/04/22 00:37	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		11/04/22 00:37	75-35-4	
cis-1,2-Dichloroethene	4.1	ug/L	1.0	0.47	1		11/04/22 00:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 00:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 00:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:37	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 00:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:37	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:37	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 00:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 00:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 00:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 00:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:37	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 00:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:37	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 00:37	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 00:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 00:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 00:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 00:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 00:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 00:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 00:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:37	108-67-8	
Vinyl chloride	17.1	ug/L	1.0	0.17	1		11/04/22 00:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 00:37	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/04/22 00:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/04/22 00:37	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/04/22 00:37	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		11/02/22 13:46		2q

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2303**      **Lab ID: 40253868023**      Collected: 10/26/22 14:55      Received: 10/28/22 07:40      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>97.7</b>	mg/L	20.0	4.3	10		11/08/22 02:56	16887-00-6	
Sulfate	<b>80.5</b>	mg/L	20.0	4.4	10		11/08/22 02:56	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>320</b>	mg/L	125	37.2	5		11/03/22 14:01		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>&lt;14.7</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:01		
<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		11/09/22 04:39	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2109**      **Lab ID: 40253868024**      Collected: 10/26/22 15:30      Received: 10/28/22 07:40      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		11/04/22 01:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:18	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 01:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 01:18	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 01:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 01:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 01:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 01:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 01:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 01:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 01:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 01:18	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 01:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 01:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 01:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 01:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 01:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 01:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 01:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 01:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 01:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 01:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 01:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 01:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 01:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 01:18	75-35-4	
cis-1,2-Dichloroethene	85.1	ug/L	1.0	0.47	1		11/04/22 01:18	156-59-2	
trans-1,2-Dichloroethene	1.5	ug/L	1.0	0.53	1		11/04/22 01:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 01:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:18	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 01:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 01:18	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:18	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 01:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 01:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 01:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 01:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 01:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 01:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 01:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 01:18	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 01:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 01:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:18	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2109**      **Lab ID: 40253868024**      Collected: 10/26/22 15:30      Received: 10/28/22 07:40      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		11/04/22 01:18	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 01:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 01:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 01:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 01:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 01:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 01:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 01:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 01:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 01:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 01:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 01:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 01:18	108-67-8	
Vinyl chloride	98.0	ug/L	1.0	0.17	1		11/04/22 01:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 01:18	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		1		11/04/22 01:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/04/22 01:18	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/04/22 01:18	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2303**      **Lab ID: 40253868025**      Collected: 10/26/22 15:50      Received: 10/28/22 07:40      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		11/02/22 11:28	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/02/22 11:28	74-85-1	
Methane	14500	ug/L	280	57.6	100		11/02/22 14:05	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4.6	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 16:54	7439-89-6	
Manganese	0.20	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 16:54	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.32	mg/L	0.0023	0.00070	1	11/16/22 05:11	12/01/22 13:06	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 05:33	7440-47-3	
Iron, Dissolved	4.0	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 05:33	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 05:33	7439-92-1	
Manganese, Dissolved	0.22	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 05:33	7439-96-5	D9
Nickel, Dissolved	0.0012	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 05:33	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		11/04/22 00:57	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:57	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 00:57	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:57	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 00:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 00:57	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:57	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 00:57	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 00:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 00:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 00:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 00:57	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 00:57	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 00:57	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:57	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 00:57	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 00:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 00:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 00:57	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 00:57	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:57	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:57	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 00:57	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 00:57	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:57	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2303**      **Lab ID: 40253868025**      Collected: 10/26/22 15:50      Received: 10/28/22 07:40      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		11/04/22 00:57	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 00:57	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 00:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 00:57	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 00:57	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:57	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 00:57	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:57	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:57	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 00:57	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:57	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 00:57	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 00:57	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 00:57	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:57	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 00:57	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 00:57	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 00:57	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 00:57	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 00:57	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 00:57	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 00:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 00:57	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 00:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 00:57	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 00:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 00:57	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 00:57	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 00:57	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 00:57	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 00:57	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 00:57	108-67-8	
Vinyl chloride	0.75J	ug/L	1.0	0.17	1		11/04/22 00:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 00:57	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		11/04/22 00:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		11/04/22 00:57	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/04/22 00:57	2037-26-5	
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	2.4J	mg/L	4.0	1.2	1		11/02/22 13:47		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

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**Sample: PZ-2303**      **Lab ID: 40253868025**      Collected: 10/26/22 15:50      Received: 10/28/22 07:40      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>161</b>	mg/L	20.0	4.3	10		11/08/22 03:08	16887-00-6	
Sulfate	<b>70.5</b>	mg/L	20.0	4.4	10		11/08/22 03:08	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>812</b>	mg/L	125	37.2	5		11/03/22 14:02		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>30.5J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:01		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>10.2</b>	mg/L	0.50	0.14	1		11/09/22 04:55	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2109**      **Lab ID: 40253868026**      Collected: 10/26/22 16:00      Received: 10/28/22 07:40      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		11/07/22 15:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/07/22 15:16	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/07/22 15:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/07/22 15:16	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/07/22 15:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/07/22 15:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/07/22 15:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/07/22 15:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/07/22 15:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/07/22 15:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/07/22 15:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/07/22 15:16	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/07/22 15:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/07/22 15:16	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/07/22 15:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/07/22 15:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/07/22 15:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/07/22 15:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/07/22 15:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/07/22 15:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/07/22 15:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/07/22 15:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/07/22 15:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/07/22 15:16	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/07/22 15:16	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/07/22 15:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/07/22 15:16	75-35-4	
cis-1,2-Dichloroethene	3.4	ug/L	1.0	0.47	1		11/07/22 15:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/07/22 15:16	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/07/22 15:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/07/22 15:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/07/22 15:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/07/22 15:16	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/07/22 15:16	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/07/22 15:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/07/22 15:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/07/22 15:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/07/22 15:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/07/22 15:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/07/22 15:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/07/22 15:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/07/22 15:16	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/07/22 15:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/07/22 15:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/07/22 15:16	100-42-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2109**      **Lab ID: 40253868026**      Collected: 10/26/22 16:00      Received: 10/28/22 07:40      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		11/07/22 15:16	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/07/22 15:16	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/07/22 15:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/07/22 15:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/07/22 15:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/07/22 15:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/07/22 15:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/07/22 15:16	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/07/22 15:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/07/22 15:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/07/22 15:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/07/22 15:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/07/22 15:16	108-67-8	
Vinyl chloride	12.9	ug/L	1.0	0.17	1		11/07/22 15:16	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/07/22 15:16	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	108	%	70-130		1		11/07/22 15:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/07/22 15:16	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		11/07/22 15:16	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-69R**      **Lab ID: 40253868027**      Collected: 10/26/22 16:40      Received: 10/28/22 07:40      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		11/04/22 12:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 12:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 12:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 12:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 12:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 12:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 12:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 12:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 12:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 12:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 12:42	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 12:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 12:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 12:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 12:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 12:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 12:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 12:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 12:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 12:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 12:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 12:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 12:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 12:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 12:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 12:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 12:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 12:42	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 12:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 12:42	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 12:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 12:42	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:42	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 12:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 12:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 12:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 12:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 12:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 12:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 12:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 12:42	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 12:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 12:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:42	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-69R**      **Lab ID: 40253868027**      Collected: 10/26/22 16:40      Received: 10/28/22 07:40      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		11/04/22 12:42	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 12:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 12:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 12:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 12:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 12:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 12:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 12:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 12:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 12:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 12:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 12:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 12:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 12:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/04/22 12:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/04/22 12:42	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		11/04/22 12:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-71R**      **Lab ID: 40253868028**      Collected: 10/26/22 16:50      Received: 10/28/22 07:40      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		11/04/22 13:02	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:02	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 13:02	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 13:02	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 13:02	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 13:02	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 13:02	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 13:02	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 13:02	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 13:02	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 13:02	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 13:02	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 13:02	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 13:02	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 13:02	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 13:02	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 13:02	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 13:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 13:02	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 13:02	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 13:02	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 13:02	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 13:02	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 13:02	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:02	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 13:02	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 13:02	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 13:02	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 13:02	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 13:02	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:02	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 13:02	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 13:02	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:02	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 13:02	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 13:02	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 13:02	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 13:02	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 13:02	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 13:02	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 13:02	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 13:02	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 13:02	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 13:02	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:02	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-71R**      **Lab ID: 40253868028**      Collected: 10/26/22 16:50      Received: 10/28/22 07:40      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		11/04/22 13:02	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 13:02	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 13:02	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 13:02	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 13:02	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 13:02	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:02	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 13:02	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 13:02	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 13:02	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 13:02	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 13:02	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:02	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 13:02	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 13:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	104	%	70-130		1		11/04/22 13:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		11/04/22 13:02	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		11/04/22 13:02	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-69R**      **Lab ID: 40253868029**      Collected: 10/26/22 17:10      Received: 10/28/22 07:40      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		11/04/22 13:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 13:22	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 13:22	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 13:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 13:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 13:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 13:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 13:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 13:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 13:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 13:22	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 13:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 13:22	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 13:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 13:22	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 13:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 13:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 13:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 13:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 13:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 13:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 13:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 13:22	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:22	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 13:22	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 13:22	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 13:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 13:22	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 13:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:22	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 13:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 13:22	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:22	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 13:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 13:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 13:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 13:22	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 13:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 13:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 13:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 13:22	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 13:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 13:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:22	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-69R**      **Lab ID: 40253868029**      Collected: 10/26/22 17:10      Received: 10/28/22 07:40      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		11/04/22 13:22	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 13:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 13:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 13:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 13:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 13:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 13:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 13:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 13:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 13:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 13:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:22	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 13:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 13:22	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		1		11/04/22 13:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/04/22 13:22	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/04/22 13:22	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-70R**      **Lab ID: 40253868030**      Collected: 10/26/22 17:30      Received: 10/28/22 07:40      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		11/04/22 13:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 13:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 13:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 13:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 13:42	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 13:42	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 13:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 13:42	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 13:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 13:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 13:42	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 13:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 13:42	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 13:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 13:42	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 13:42	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 13:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 13:42	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 13:42	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 13:42	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 13:42	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 13:42	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 13:42	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:42	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 13:42	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 13:42	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 13:42	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 13:42	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 13:42	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:42	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 13:42	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 13:42	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:42	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 13:42	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 13:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 13:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 13:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 13:42	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 13:42	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 13:42	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 13:42	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 13:42	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 13:42	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:42	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-70R**      **Lab ID: 40253868030**      Collected: 10/26/22 17:30      Received: 10/28/22 07:40      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		11/04/22 13:42	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 13:42	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 13:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 13:42	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 13:42	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 13:42	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 13:42	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 13:42	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 13:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 13:42	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 13:42	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 13:42	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 13:42	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 13:42	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 13:42	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/04/22 13:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/04/22 13:42	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		11/04/22 13:42	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: TB-03**      **Lab ID: 40253868031**      Collected: 10/27/22 07:30      Received: 10/28/22 07:40      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		11/03/22 23:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:18	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 23:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:18	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 23:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 23:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 23:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 23:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 23:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 23:18	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 23:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 23:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 23:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 23:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 23:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 23:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 23:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 23:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 23:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 23:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 23:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 23:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 23:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:18	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 23:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:18	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:18	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 23:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 23:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 23:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 23:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:18	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 23:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:18	100-42-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: TB-03**      **Lab ID: 40253868031**      Collected: 10/27/22 07:30      Received: 10/28/22 07:40      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		11/03/22 23:18	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 23:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 23:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 23:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 23:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 23:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 23:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 23:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 23:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 23:18	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		11/03/22 23:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		1		11/03/22 23:18	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		11/03/22 23:18	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2110**      **Lab ID: 40253868032**      Collected: 10/27/22 08:00      Received: 10/28/22 07:40      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		11/02/22 16:13	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/02/22 16:13	74-85-1	
Methane	1.6J	ug/L	2.8	0.58	1		11/02/22 16:13	74-82-8	B
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	0.56	mg/L	0.25	0.058	1	11/16/22 05:23	11/28/22 12:57	7439-89-6	
Manganese	0.19	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 17:01	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.051	mg/L	0.0023	0.00070	1	11/16/22 05:11	12/01/22 13:13	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 05:40	7440-47-3	
Iron, Dissolved	0.44	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 05:40	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 05:40	7439-92-1	
Manganese, Dissolved	0.23	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 05:40	7439-96-5	D9
Nickel, Dissolved	0.00040J	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 05:40	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		11/03/22 23:38	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:38	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 23:38	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:38	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 23:38	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 23:38	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:38	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 23:38	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 23:38	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 23:38	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 23:38	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 23:38	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 23:38	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 23:38	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:38	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 23:38	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 23:38	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 23:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 23:38	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 23:38	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:38	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:38	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 23:38	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 23:38	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:38	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2110**      **Lab ID: 40253868032**      Collected: 10/27/22 08:00      Received: 10/28/22 07:40      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		11/03/22 23:38	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		11/03/22 23:38	75-35-4	
cis-1,2-Dichloroethene	9.5	ug/L	1.0	0.47	1		11/03/22 23:38	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 23:38	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 23:38	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:38	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 23:38	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:38	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:38	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 23:38	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:38	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 23:38	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 23:38	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 23:38	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:38	99-87-6	
Methylene Chloride	0.38J	ug/L	5.0	0.32	1		11/03/22 23:38	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 23:38	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 23:38	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 23:38	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/03/22 23:38	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 23:38	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 23:38	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 23:38	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 23:38	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 23:38	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 23:38	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 23:38	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 23:38	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 23:38	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 23:38	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 23:38	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 23:38	108-67-8	
Vinyl chloride	8.9	ug/L	1.0	0.17	1		11/03/22 23:38	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 23:38	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	105	%	70-130		1		11/03/22 23:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		11/03/22 23:38	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		11/03/22 23:38	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		11/02/22 13:49		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2110**      **Lab ID: 40253868032**      Collected: 10/27/22 08:00      Received: 10/28/22 07:40      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	40.0	8.6	20		11/08/22 03:21	16887-00-6	
Sulfate	<b>194</b>	mg/L	40.0	8.9	20		11/08/22 03:21	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>323</b>	mg/L	25.0	7.4	1		11/03/22 14:03		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>&lt;15.5</b>	mg/L	52.6	15.5	1	11/09/22 05:44	11/09/22 09:01		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>3.0</b>	mg/L	1.0	0.28	2		11/09/22 05:12	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2110**      **Lab ID: 40253868033**      Collected: 10/27/22 09:20      Received: 10/28/22 07:40      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		11/02/22 11:57	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/02/22 11:57	74-85-1	
Methane	5.6	ug/L	2.8	0.58	1		11/02/22 11:57	74-82-8	B
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	2.8	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 17:08	7439-89-6	
Manganese	0.20	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 17:08	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.060	mg/L	0.0023	0.00070	1	11/16/22 05:11	12/01/22 13:20	7440-39-3	
Calcium, Dissolved	165	mg/L	5.1	1.5	20	11/16/22 05:11	11/30/22 02:05	7440-70-2	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 05:48	7440-47-3	
Iron, Dissolved	2.7	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 05:48	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 05:48	7439-92-1	
Magnesium, Dissolved	82.3	mg/L	5.0	0.62	20	11/16/22 05:11	11/30/22 02:05	7439-95-4	
Manganese, Dissolved	0.20	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 05:48	7439-96-5	
Nickel, Dissolved	0.0013	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 05:48	7440-02-0	
Potassium, Dissolved	3.9	mg/L	0.79	0.24	1	11/16/22 05:11	11/30/22 05:48	7440-09-7	
Sodium, Dissolved	239	mg/L	5.0	0.84	20	11/16/22 05:11	11/30/22 02:05	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		11/04/22 18:35	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 18:35	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 18:35	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 18:35	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 18:35	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 18:35	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 18:35	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 18:35	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 18:35	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 18:35	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 18:35	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 18:35	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 18:35	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 18:35	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 18:35	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 18:35	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 18:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 18:35	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 18:35	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 18:35	95-50-1	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2110** Lab ID: **40253868033** Collected: 10/27/22 09:20 Received: 10/28/22 07:40 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		11/04/22 18:35	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 18:35	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 18:35	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 18:35	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 18:35	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 18:35	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/04/22 18:35	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/04/22 18:35	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 18:35	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 18:35	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 18:35	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 18:35	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 18:35	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 18:35	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 18:35	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 18:35	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 18:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 18:35	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 18:35	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/04/22 18:35	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 18:35	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 18:35	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 18:35	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 18:35	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 18:35	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 18:35	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 18:35	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 18:35	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 18:35	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 18:35	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 18:35	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/04/22 18:35	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 18:35	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 18:35	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 18:35	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 18:35	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/04/22 18:35	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 18:35	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	106	%	70-130		1		11/04/22 18:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/04/22 18:35	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		11/04/22 18:35	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2110**      **Lab ID: 40253868033**      Collected: 10/27/22 09:20      Received: 10/28/22 07:40      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		11/02/22 13:50		2q
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>630</b>	mg/L	40.0	8.6	20		11/08/22 03:34	16887-00-6	
Sulfate	<b>399</b>	mg/L	40.0	8.9	20		11/08/22 03:34	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>357</b>	mg/L	25.0	7.4	1		11/03/22 14:04		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>21.0J</b>	mg/L	52.6	15.5	1	11/09/22 05:44	11/09/22 09:02		
<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		11/10/22 09:30	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2103**      **Lab ID: 40253868034**      Collected: 10/27/22 09:40      Received: 10/28/22 07:40      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	98.3	ug/L	5.6	0.39	1		11/02/22 12:03	74-84-0	pH
Ethene	1860	ug/L	25.0	1.3	5		11/02/22 15:26	74-85-1	pH
Methane	29.4	ug/L	2.8	0.58	1		11/02/22 12:03	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	70.0	mg/L	1.2	0.29	5	11/16/22 05:23	11/27/22 17:16	7439-89-6	P4
Manganese	1.9	mg/L	0.020	0.0061	5	11/16/22 05:23	11/27/22 17:16	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B    Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.027J	mg/L	0.047	0.014	20	11/16/22 05:11	12/01/22 13:28	7440-39-3	D3
Calcium, Dissolved	431	mg/L	12.7	3.8	50	11/16/22 05:11	11/30/22 02:12	7440-70-2	
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	11/16/22 05:11	11/30/22 05:55	7440-47-3	D3
Iron, Dissolved	54.3	mg/L	5.0	1.2	20	11/16/22 05:11	11/30/22 05:55	7439-89-6	
Lead, Dissolved	<0.0047	mg/L	0.020	0.0047	20	11/16/22 05:11	11/30/22 05:55	7439-92-1	D3
Magnesium, Dissolved	291	mg/L	12.5	1.6	50	11/16/22 05:11	11/30/22 02:12	7439-95-4	
Manganese, Dissolved	1.5	mg/L	0.081	0.024	20	11/16/22 05:11	11/30/22 05:55	7439-96-5	
Nickel, Dissolved	0.011J	mg/L	0.020	0.0057	20	11/16/22 05:11	11/30/22 05:55	7440-02-0	D3
Potassium, Dissolved	14.2J	mg/L	15.8	4.7	20	11/16/22 05:11	12/01/22 13:28	7440-09-7	D3
Sodium, Dissolved	10800	mg/L	12.5	2.1	50	11/16/22 05:11	11/30/22 02:12	7440-23-5	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<1850	ug/L	6250	1850	6250		11/04/22 15:41	71-43-2	
Bromobenzene	<2260	ug/L	6250	2260	6250		11/04/22 15:41	108-86-1	
Bromochloromethane	<2240	ug/L	31200	2240	6250		11/04/22 15:41	74-97-5	
Bromodichloromethane	<2600	ug/L	6250	2600	6250		11/04/22 15:41	75-27-4	
Bromoform	<23700	ug/L	31200	23700	6250		11/04/22 15:41	75-25-2	
Bromomethane	<7450	ug/L	31200	7450	6250		11/04/22 15:41	74-83-9	
n-Butylbenzene	<5360	ug/L	6250	5360	6250		11/04/22 15:41	104-51-8	
sec-Butylbenzene	<2650	ug/L	6250	2650	6250		11/04/22 15:41	135-98-8	
tert-Butylbenzene	<3660	ug/L	6250	3660	6250		11/04/22 15:41	98-06-6	
Carbon tetrachloride	<2310	ug/L	6250	2310	6250		11/04/22 15:41	56-23-5	
Chlorobenzene	<5350	ug/L	6250	5350	6250		11/04/22 15:41	108-90-7	
Chloroethane	<8620	ug/L	31200	8620	6250		11/04/22 15:41	75-00-3	
Chloroform	<7390	ug/L	31200	7390	6250		11/04/22 15:41	67-66-3	
Chloromethane	<10200	ug/L	31200	10200	6250		11/04/22 15:41	74-87-3	
2-Chlorotoluene	<5560	ug/L	31200	5560	6250		11/04/22 15:41	95-49-8	
4-Chlorotoluene	<5590	ug/L	31200	5590	6250		11/04/22 15:41	106-43-4	
1,2-Dibromo-3-chloropropane	<14800	ug/L	31200	14800	6250		11/04/22 15:41	96-12-8	
Dibromochloromethane	<16500	ug/L	31200	16500	6250		11/04/22 15:41	124-48-1	
1,2-Dibromoethane (EDB)	<1930	ug/L	6250	1930	6250		11/04/22 15:41	106-93-4	
Dibromomethane	<6190	ug/L	31200	6190	6250		11/04/22 15:41	74-95-3	
1,2-Dichlorobenzene	<2040	ug/L	6250	2040	6250		11/04/22 15:41	95-50-1	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2103**      **Lab ID: 40253868034**      Collected: 10/27/22 09:40      Received: 10/28/22 07:40      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	<2190	ug/L	6250	2190	6250		11/04/22 15:41	541-73-1	
1,4-Dichlorobenzene	<5580	ug/L	6250	5580	6250		11/04/22 15:41	106-46-7	
Dichlorodifluoromethane	<2850	ug/L	31200	2850	6250		11/04/22 15:41	75-71-8	
1,1-Dichloroethane	<1850	ug/L	6250	1850	6250		11/04/22 15:41	75-34-3	
1,2-Dichloroethane	<1820	ug/L	6250	1820	6250		11/04/22 15:41	107-06-2	
1,1-Dichloroethene	<3640	ug/L	6250	3640	6250		11/04/22 15:41	75-35-4	
cis-1,2-Dichloroethene	11400	ug/L	6250	2950	6250		11/04/22 15:41	156-59-2	
trans-1,2-Dichloroethene	<3300	ug/L	6250	3300	6250		11/04/22 15:41	156-60-5	L2
1,2-Dichloropropane	<2800	ug/L	6250	2800	6250		11/04/22 15:41	78-87-5	
1,3-Dichloropropane	<1900	ug/L	6250	1900	6250		11/04/22 15:41	142-28-9	
2,2-Dichloropropane	<26100	ug/L	31200	26100	6250		11/04/22 15:41	594-20-7	
1,1-Dichloropropene	<2560	ug/L	6250	2560	6250		11/04/22 15:41	563-58-6	
cis-1,3-Dichloropropene	<2240	ug/L	6250	2240	6250		11/04/22 15:41	10061-01-5	
trans-1,3-Dichloropropene	<21600	ug/L	31200	21600	6250		11/04/22 15:41	10061-02-6	
Diisopropyl ether	<6880	ug/L	31200	6880	6250		11/04/22 15:41	108-20-3	
Ethylbenzene	<2030	ug/L	6250	2030	6250		11/04/22 15:41	100-41-4	
Hexachloro-1,3-butadiene	<17100	ug/L	31200	17100	6250		11/04/22 15:41	87-68-3	
Isopropylbenzene (Cumene)	<6250	ug/L	31200	6250	6250		11/04/22 15:41	98-82-8	
p-Isopropyltoluene	<6520	ug/L	31200	6520	6250		11/04/22 15:41	99-87-6	
Methylene Chloride	<2000	ug/L	31200	2000	6250		11/04/22 15:41	75-09-2	
Methyl-tert-butyl ether	<7060	ug/L	31200	7060	6250		11/04/22 15:41	1634-04-4	L2
Naphthalene	<7060	ug/L	31200	7060	6250		11/07/22 18:38	91-20-3	
n-Propylbenzene	<2160	ug/L	6250	2160	6250		11/04/22 15:41	103-65-1	
Styrene	<2230	ug/L	6250	2230	6250		11/04/22 15:41	100-42-5	
1,1,1,2-Tetrachloroethane	<2220	ug/L	6250	2220	6250		11/04/22 15:41	630-20-6	
1,1,2,2-Tetrachloroethane	<2360	ug/L	6250	2360	6250		11/04/22 15:41	79-34-5	
Tetrachloroethene	<2550	ug/L	6250	2550	6250		11/04/22 15:41	127-18-4	
Toluene	<1800	ug/L	6250	1800	6250		11/04/22 15:41	108-88-3	
1,2,3-Trichlorobenzene	<6360	ug/L	31200	6360	6250		11/04/22 15:41	87-61-6	
1,2,4-Trichlorobenzene	<5940	ug/L	31200	5940	6250		11/04/22 15:41	120-82-1	
1,1,1-Trichloroethane	<1890	ug/L	6250	1890	6250		11/04/22 15:41	71-55-6	
1,1,2-Trichloroethane	<2150	ug/L	31200	2150	6250		11/04/22 15:41	79-00-5	
Trichloroethene	268000	ug/L	6250	2000	6250		11/04/22 15:41	79-01-6	
Trichlorofluoromethane	<2620	ug/L	6250	2620	6250		11/04/22 15:41	75-69-4	
1,2,3-Trichloropropane	<3470	ug/L	31200	3470	6250		11/04/22 15:41	96-18-4	
1,2,4-Trimethylbenzene	<2800	ug/L	6250	2800	6250		11/04/22 15:41	95-63-6	
1,3,5-Trimethylbenzene	<2230	ug/L	6250	2230	6250		11/04/22 15:41	108-67-8	
Vinyl chloride	<1090	ug/L	6250	1090	6250		11/04/22 15:41	75-01-4	
Xylene (Total)	<6550	ug/L	18800	6550	6250		11/04/22 15:41	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		6250		11/04/22 15:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		6250		11/04/22 15:41	2199-69-1	
Toluene-d8 (S)	100	%	70-130		6250		11/04/22 15:41	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2103**      **Lab ID: 40253868034**      Collected: 10/27/22 09:40      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>4500S2F Sulfide, Iodometric</b>									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	<b>2.2J</b>	mg/L	4.0	1.2	1		11/02/22 13:51		
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>777J</b>	mg/L	1000	216	500		11/09/22 15:50	16887-00-6	D3
Sulfate	<b>19500</b>	mg/L	1000	222	500		11/09/22 15:50	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>5410</b>	mg/L	500	149	20		11/03/22 14:59		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>5060</b>	mg/L	1000	295	1	11/09/22 05:44	11/09/22 09:02		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1020</b>	mg/L	50.0	13.8	100		11/09/22 07:19	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2103D**      **Lab ID: 40253868035**      Collected: 10/27/22 09:40      Received: 10/28/22 07:40      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	106	ug/L	5.6	0.39	1		11/02/22 12:11	74-84-0	pH
Ethene	2070	ug/L	25.0	1.3	5		11/02/22 15:33	74-85-1	pH
Methane	32.1	ug/L	2.8	0.58	1		11/02/22 12:11	74-82-8	pH
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	67.6	mg/L	1.2	0.29	5	11/16/22 05:23	11/27/22 17:23	7439-89-6	P4
Manganese	1.8	mg/L	0.020	0.0061	5	11/16/22 05:23	11/27/22 17:23	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.024J	mg/L	0.047	0.014	20	11/16/22 05:11	12/01/22 13:35	7440-39-3	D3
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	11/16/22 05:11	11/30/22 06:02	7440-47-3	D3
Iron, Dissolved	49.7	mg/L	5.0	1.2	20	11/16/22 05:11	11/30/22 06:02	7439-89-6	
Lead, Dissolved	<0.0047	mg/L	0.020	0.0047	20	11/16/22 05:11	11/30/22 06:02	7439-92-1	D3
Manganese, Dissolved	1.4	mg/L	0.081	0.024	20	11/16/22 05:11	11/30/22 06:02	7439-96-5	
Nickel, Dissolved	0.0092J	mg/L	0.020	0.0057	20	11/16/22 05:11	11/30/22 06:02	7440-02-0	D3
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1850	ug/L	6250	1850	6250		11/04/22 16:01	71-43-2	
Bromobenzene	<2260	ug/L	6250	2260	6250		11/04/22 16:01	108-86-1	
Bromochloromethane	<2240	ug/L	31200	2240	6250		11/04/22 16:01	74-97-5	
Bromodichloromethane	<2600	ug/L	6250	2600	6250		11/04/22 16:01	75-27-4	
Bromoform	<23700	ug/L	31200	23700	6250		11/04/22 16:01	75-25-2	
Bromomethane	<7450	ug/L	31200	7450	6250		11/04/22 16:01	74-83-9	
n-Butylbenzene	<5360	ug/L	6250	5360	6250		11/04/22 16:01	104-51-8	
sec-Butylbenzene	<2650	ug/L	6250	2650	6250		11/04/22 16:01	135-98-8	
tert-Butylbenzene	<3660	ug/L	6250	3660	6250		11/04/22 16:01	98-06-6	
Carbon tetrachloride	<2310	ug/L	6250	2310	6250		11/04/22 16:01	56-23-5	
Chlorobenzene	<5350	ug/L	6250	5350	6250		11/04/22 16:01	108-90-7	
Chloroethane	<8620	ug/L	31200	8620	6250		11/04/22 16:01	75-00-3	
Chloroform	<7390	ug/L	31200	7390	6250		11/04/22 16:01	67-66-3	
Chloromethane	<10200	ug/L	31200	10200	6250		11/04/22 16:01	74-87-3	
2-Chlorotoluene	<5560	ug/L	31200	5560	6250		11/04/22 16:01	95-49-8	
4-Chlorotoluene	<5590	ug/L	31200	5590	6250		11/04/22 16:01	106-43-4	
1,2-Dibromo-3-chloropropane	<14800	ug/L	31200	14800	6250		11/04/22 16:01	96-12-8	
Dibromochloromethane	<16500	ug/L	31200	16500	6250		11/04/22 16:01	124-48-1	
1,2-Dibromoethane (EDB)	<1930	ug/L	6250	1930	6250		11/04/22 16:01	106-93-4	
Dibromomethane	<6190	ug/L	31200	6190	6250		11/04/22 16:01	74-95-3	
1,2-Dichlorobenzene	<2040	ug/L	6250	2040	6250		11/04/22 16:01	95-50-1	
1,3-Dichlorobenzene	<2190	ug/L	6250	2190	6250		11/04/22 16:01	541-73-1	
1,4-Dichlorobenzene	<5580	ug/L	6250	5580	6250		11/04/22 16:01	106-46-7	
Dichlorodifluoromethane	<2850	ug/L	31200	2850	6250		11/04/22 16:01	75-71-8	
1,1-Dichloroethane	<1850	ug/L	6250	1850	6250		11/04/22 16:01	75-34-3	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2103D**      **Lab ID: 40253868035**      Collected: 10/27/22 09:40      Received: 10/28/22 07:40      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	<1820	ug/L	6250	1820	6250		11/04/22 16:01	107-06-2	
1,1-Dichloroethene	<3640	ug/L	6250	3640	6250		11/04/22 16:01	75-35-4	
cis-1,2-Dichloroethene	12800	ug/L	6250	2950	6250		11/04/22 16:01	156-59-2	
trans-1,2-Dichloroethene	<3300	ug/L	6250	3300	6250		11/04/22 16:01	156-60-5	L2
1,2-Dichloropropane	<2800	ug/L	6250	2800	6250		11/04/22 16:01	78-87-5	
1,3-Dichloropropane	<1900	ug/L	6250	1900	6250		11/04/22 16:01	142-28-9	
2,2-Dichloropropane	<26100	ug/L	31200	26100	6250		11/04/22 16:01	594-20-7	
1,1-Dichloropropene	<2560	ug/L	6250	2560	6250		11/04/22 16:01	563-58-6	
cis-1,3-Dichloropropene	<2240	ug/L	6250	2240	6250		11/04/22 16:01	10061-01-5	
trans-1,3-Dichloropropene	<21600	ug/L	31200	21600	6250		11/04/22 16:01	10061-02-6	
Diisopropyl ether	<6880	ug/L	31200	6880	6250		11/04/22 16:01	108-20-3	
Ethylbenzene	<2030	ug/L	6250	2030	6250		11/04/22 16:01	100-41-4	
Hexachloro-1,3-butadiene	<17100	ug/L	31200	17100	6250		11/04/22 16:01	87-68-3	
Isopropylbenzene (Cumene)	<6250	ug/L	31200	6250	6250		11/04/22 16:01	98-82-8	
p-Isopropyltoluene	<6520	ug/L	31200	6520	6250		11/04/22 16:01	99-87-6	
Methylene Chloride	<2000	ug/L	31200	2000	6250		11/04/22 16:01	75-09-2	
Methyl-tert-butyl ether	<7060	ug/L	31200	7060	6250		11/04/22 16:01	1634-04-4	L2
Naphthalene	<7060	ug/L	31200	7060	6250		11/04/22 16:01	91-20-3	
n-Propylbenzene	<2160	ug/L	6250	2160	6250		11/04/22 16:01	103-65-1	
Styrene	<2230	ug/L	6250	2230	6250		11/04/22 16:01	100-42-5	
1,1,1,2-Tetrachloroethane	<2220	ug/L	6250	2220	6250		11/04/22 16:01	630-20-6	
1,1,1,2,2-Tetrachloroethane	<2360	ug/L	6250	2360	6250		11/04/22 16:01	79-34-5	
Tetrachloroethene	<2550	ug/L	6250	2550	6250		11/04/22 16:01	127-18-4	
Toluene	<1800	ug/L	6250	1800	6250		11/04/22 16:01	108-88-3	
1,2,3-Trichlorobenzene	<6360	ug/L	31200	6360	6250		11/04/22 16:01	87-61-6	
1,2,4-Trichlorobenzene	<5940	ug/L	31200	5940	6250		11/04/22 16:01	120-82-1	
1,1,1-Trichloroethane	<1890	ug/L	6250	1890	6250		11/04/22 16:01	71-55-6	
1,1,2-Trichloroethane	<2150	ug/L	31200	2150	6250		11/04/22 16:01	79-00-5	
Trichloroethene	252000	ug/L	6250	2000	6250		11/04/22 16:01	79-01-6	
Trichlorofluoromethane	<2620	ug/L	6250	2620	6250		11/04/22 16:01	75-69-4	
1,2,3-Trichloropropane	<3470	ug/L	31200	3470	6250		11/04/22 16:01	96-18-4	
1,2,4-Trimethylbenzene	<2800	ug/L	6250	2800	6250		11/04/22 16:01	95-63-6	
1,3,5-Trimethylbenzene	<2230	ug/L	6250	2230	6250		11/04/22 16:01	108-67-8	
Vinyl chloride	<1090	ug/L	6250	1090	6250		11/04/22 16:01	75-01-4	
Xylene (Total)	<6550	ug/L	18800	6550	6250		11/04/22 16:01	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	103	%	70-130		6250		11/04/22 16:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		6250		11/04/22 16:01	2199-69-1	
Toluene-d8 (S)	102	%	70-130		6250		11/04/22 16:01	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		11/02/22 13:53		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

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**Sample: PZ-2103D**      **Lab ID: 40253868035**      Collected: 10/27/22 09:40      Received: 10/28/22 07:40      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>730J</b>	mg/L	1000	216	500		11/09/22 16:03	16887-00-6	D3
Sulfate	<b>18200</b>	mg/L	1000	222	500		11/09/22 16:03	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>5350</b>	mg/L	500	149	20		11/03/22 15:00		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>4650</b>	mg/L	500	147	1	11/09/22 05:44	11/09/22 09:02		
<b>5310C TOC</b>									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1020</b>	mg/L	50.0	13.8	100		11/09/22 07:35	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2102**      **Lab ID: 40253868036**      Collected: 10/27/22 10:30      Received: 10/28/22 07:40      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	6.3	ug/L	5.6	0.39	1		11/02/22 12:17	74-84-0	
Ethene	32.1	ug/L	5.0	0.25	1		11/02/22 12:17	74-85-1	
Methane	8980	ug/L	140	28.8	50		11/02/22 14:38	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	175	mg/L	2.5	0.58	10	11/16/22 05:23	11/28/22 13:05	7439-89-6	
Manganese	1.9	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 18:22	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.091	mg/L	0.0047	0.0014	2	11/16/22 05:11	11/30/22 00:44	7440-39-3	
Chromium, Dissolved	<0.0020	mg/L	0.0068	0.0020	2	11/16/22 05:11	11/30/22 00:44	7440-47-3	D3
Iron, Dissolved	188	mg/L	0.50	0.12	2	11/16/22 05:11	11/30/22 00:44	7439-89-6	D9
Lead, Dissolved	<0.00047	mg/L	0.0020	0.00047	2	11/16/22 05:11	11/30/22 00:44	7439-92-1	D3
Manganese, Dissolved	1.7	mg/L	0.0081	0.0024	2	11/16/22 05:11	11/30/22 00:44	7439-96-5	
Nickel, Dissolved	<0.00057	mg/L	0.0020	0.00057	2	11/16/22 05:11	11/30/22 00:44	7440-02-0	D3
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<1.5	ug/L	5.0	1.5	5		11/07/22 18:19	71-43-2	
Bromobenzene	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		11/07/22 18:19	74-97-5	
Bromodichloromethane	<2.1	ug/L	5.0	2.1	5		11/07/22 18:19	75-27-4	
Bromoform	<19.0	ug/L	25.0	19.0	5		11/07/22 18:19	75-25-2	
Bromomethane	<6.0	ug/L	25.0	6.0	5		11/07/22 18:19	74-83-9	
n-Butylbenzene	<4.3	ug/L	5.0	4.3	5		11/07/22 18:19	104-51-8	
sec-Butylbenzene	<2.1	ug/L	5.0	2.1	5		11/07/22 18:19	135-98-8	
tert-Butylbenzene	<2.9	ug/L	5.0	2.9	5		11/07/22 18:19	98-06-6	
Carbon tetrachloride	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	56-23-5	
Chlorobenzene	<4.3	ug/L	5.0	4.3	5		11/07/22 18:19	108-90-7	
Chloroethane	<6.9	ug/L	25.0	6.9	5		11/07/22 18:19	75-00-3	
Chloroform	<5.9	ug/L	25.0	5.9	5		11/07/22 18:19	67-66-3	
Chloromethane	<8.2	ug/L	25.0	8.2	5		11/07/22 18:19	74-87-3	
2-Chlorotoluene	<4.4	ug/L	25.0	4.4	5		11/07/22 18:19	95-49-8	
4-Chlorotoluene	<4.5	ug/L	25.0	4.5	5		11/07/22 18:19	106-43-4	
1,2-Dibromo-3-chloropropane	<11.8	ug/L	25.0	11.8	5		11/07/22 18:19	96-12-8	
Dibromochloromethane	<13.2	ug/L	25.0	13.2	5		11/07/22 18:19	124-48-1	
1,2-Dibromoethane (EDB)	<1.5	ug/L	5.0	1.5	5		11/07/22 18:19	106-93-4	
Dibromomethane	<5.0	ug/L	25.0	5.0	5		11/07/22 18:19	74-95-3	
1,2-Dichlorobenzene	<1.6	ug/L	5.0	1.6	5		11/07/22 18:19	95-50-1	
1,3-Dichlorobenzene	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	541-73-1	
1,4-Dichlorobenzene	<4.5	ug/L	5.0	4.5	5		11/07/22 18:19	106-46-7	
Dichlorodifluoromethane	<2.3	ug/L	25.0	2.3	5		11/07/22 18:19	75-71-8	
1,1-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/07/22 18:19	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2102**      **Lab ID: 40253868036**      Collected: 10/27/22 10:30      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/07/22 18:19	107-06-2	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		11/07/22 18:19	75-35-4	
cis-1,2-Dichloroethene	<b>192</b>	ug/L	5.0	2.4	5		11/07/22 18:19	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		11/07/22 18:19	156-60-5	L2
1,2-Dichloropropane	<2.2	ug/L	5.0	2.2	5		11/07/22 18:19	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	5.0	1.5	5		11/07/22 18:19	142-28-9	
2,2-Dichloropropane	<20.9	ug/L	25.0	20.9	5		11/07/22 18:19	594-20-7	
1,1-Dichloropropene	<2.1	ug/L	5.0	2.1	5		11/07/22 18:19	563-58-6	
cis-1,3-Dichloropropene	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	10061-01-5	
trans-1,3-Dichloropropene	<17.3	ug/L	25.0	17.3	5		11/07/22 18:19	10061-02-6	
Diisopropyl ether	<5.5	ug/L	25.0	5.5	5		11/07/22 18:19	108-20-3	
Ethylbenzene	<1.6	ug/L	5.0	1.6	5		11/07/22 18:19	100-41-4	
Hexachloro-1,3-butadiene	<13.7	ug/L	25.0	13.7	5		11/07/22 18:19	87-68-3	
Isopropylbenzene (Cumene)	<5.0	ug/L	25.0	5.0	5		11/07/22 18:19	98-82-8	
p-Isopropyltoluene	<5.2	ug/L	25.0	5.2	5		11/07/22 18:19	99-87-6	
Methylene Chloride	<1.6	ug/L	25.0	1.6	5		11/07/22 18:19	75-09-2	
Methyl-tert-butyl ether	<5.6	ug/L	25.0	5.6	5		11/07/22 18:19	1634-04-4	L2
Naphthalene	<5.6	ug/L	25.0	5.6	5		11/04/22 20:35	91-20-3	
n-Propylbenzene	<1.7	ug/L	5.0	1.7	5		11/07/22 18:19	103-65-1	
Styrene	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		11/07/22 18:19	79-34-5	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		11/07/22 18:19	127-18-4	
Toluene	<1.4	ug/L	5.0	1.4	5		11/07/22 18:19	108-88-3	
1,2,3-Trichlorobenzene	<5.1	ug/L	25.0	5.1	5		11/07/22 18:19	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		11/07/22 18:19	120-82-1	
1,1,1-Trichloroethane	<1.5	ug/L	5.0	1.5	5		11/07/22 18:19	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		11/07/22 18:19	79-00-5	
Trichloroethene	<1.6	ug/L	5.0	1.6	5		11/07/22 18:19	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	5.0	2.1	5		11/07/22 18:19	75-69-4	
1,2,3-Trichloropropane	<2.8	ug/L	25.0	2.8	5		11/07/22 18:19	96-18-4	
1,2,4-Trimethylbenzene	<2.2	ug/L	5.0	2.2	5		11/07/22 18:19	95-63-6	
1,3,5-Trimethylbenzene	<1.8	ug/L	5.0	1.8	5		11/07/22 18:19	108-67-8	
Vinyl chloride	<b>60.0</b>	ug/L	5.0	0.87	5		11/07/22 18:19	75-01-4	
Xylene (Total)	<5.2	ug/L	15.0	5.2	5		11/07/22 18:19	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		5		11/07/22 18:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		5		11/07/22 18:19	2199-69-1	
Toluene-d8 (S)	103	%	70-130		5		11/07/22 18:19	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		11/02/22 13:55		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2102**      **Lab ID: 40253868036**      Collected: 10/27/22 10:30      Received: 10/28/22 07:40      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>176</b>	mg/L	20.0	4.3	10		11/08/22 04:13	16887-00-6	
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		11/08/22 04:13	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>1290</b>	mg/L	125	37.2	5		11/03/22 14:07		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>1870</b>	mg/L	500	147	1	11/09/22 05:44	11/09/22 09:02		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>699</b>	mg/L	50.0	13.8	100		11/09/22 07:51	7440-44-0	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2113**      **Lab ID: 40253868037**      Collected: 10/27/22 11:30      Received: 10/28/22 07:40      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	2.8J	ug/L	5.6	0.39	1		11/02/22 12:24	74-84-0	
Ethene	112	ug/L	5.0	0.25	1		11/02/22 12:24	74-85-1	
Methane	3470	ug/L	56.0	11.5	20		11/02/22 14:44	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	3.5	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 18:29	7439-89-6	
Manganese	0.18	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 18:29	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.20	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:51	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:51	7440-47-3	
Iron, Dissolved	4.0	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:51	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:51	7439-92-1	
Manganese, Dissolved	0.22	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:51	7439-96-5	D9
Nickel, Dissolved	0.0096	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:51	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		11/04/22 19:35	71-43-2	
Bromobenzene	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	108-86-1	
Bromochloromethane	<1.4	ug/L	20.0	1.4	4		11/04/22 19:35	74-97-5	
Bromodichloromethane	<1.7	ug/L	4.0	1.7	4		11/04/22 19:35	75-27-4	
Bromoform	<15.2	ug/L	20.0	15.2	4		11/04/22 19:35	75-25-2	
Bromomethane	<4.8	ug/L	20.0	4.8	4		11/04/22 19:35	74-83-9	
n-Butylbenzene	<3.4	ug/L	4.0	3.4	4		11/04/22 19:35	104-51-8	
sec-Butylbenzene	<1.7	ug/L	4.0	1.7	4		11/04/22 19:35	135-98-8	
tert-Butylbenzene	<2.3	ug/L	4.0	2.3	4		11/04/22 19:35	98-06-6	
Carbon tetrachloride	<1.5	ug/L	4.0	1.5	4		11/04/22 19:35	56-23-5	
Chlorobenzene	<3.4	ug/L	4.0	3.4	4		11/04/22 19:35	108-90-7	
Chloroethane	<5.5	ug/L	20.0	5.5	4		11/04/22 19:35	75-00-3	
Chloroform	<4.7	ug/L	20.0	4.7	4		11/04/22 19:35	67-66-3	
Chloromethane	<6.5	ug/L	20.0	6.5	4		11/04/22 19:35	74-87-3	
2-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		11/04/22 19:35	95-49-8	
4-Chlorotoluene	<3.6	ug/L	20.0	3.6	4		11/04/22 19:35	106-43-4	
1,2-Dibromo-3-chloropropane	<9.5	ug/L	20.0	9.5	4		11/04/22 19:35	96-12-8	
Dibromochloromethane	<10.6	ug/L	20.0	10.6	4		11/04/22 19:35	124-48-1	
1,2-Dibromoethane (EDB)	<1.2	ug/L	4.0	1.2	4		11/04/22 19:35	106-93-4	
Dibromomethane	<4.0	ug/L	20.0	4.0	4		11/04/22 19:35	74-95-3	
1,2-Dichlorobenzene	<1.3	ug/L	4.0	1.3	4		11/04/22 19:35	95-50-1	
1,3-Dichlorobenzene	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	541-73-1	
1,4-Dichlorobenzene	<3.6	ug/L	4.0	3.6	4		11/04/22 19:35	106-46-7	
Dichlorodifluoromethane	<1.8	ug/L	20.0	1.8	4		11/04/22 19:35	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	4.0	1.2	4		11/04/22 19:35	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2113**      **Lab ID: 40253868037**      Collected: 10/27/22 11:30      Received: 10/28/22 07:40      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		11/04/22 19:35	107-06-2	
1,1-Dichloroethene	<2.3	ug/L	4.0	2.3	4		11/04/22 19:35	75-35-4	
cis-1,2-Dichloroethene	269	ug/L	4.0	1.9	4		11/04/22 19:35	156-59-2	
trans-1,2-Dichloroethene	38.8	ug/L	4.0	2.1	4		11/04/22 19:35	156-60-5	L2
1,2-Dichloropropane	<1.8	ug/L	4.0	1.8	4		11/04/22 19:35	78-87-5	
1,3-Dichloropropane	<1.2	ug/L	4.0	1.2	4		11/04/22 19:35	142-28-9	
2,2-Dichloropropane	<16.7	ug/L	20.0	16.7	4		11/04/22 19:35	594-20-7	
1,1-Dichloropropene	<1.6	ug/L	4.0	1.6	4		11/04/22 19:35	563-58-6	
cis-1,3-Dichloropropene	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	10061-01-5	
trans-1,3-Dichloropropene	<13.8	ug/L	20.0	13.8	4		11/04/22 19:35	10061-02-6	
Diisopropyl ether	<4.4	ug/L	20.0	4.4	4		11/04/22 19:35	108-20-3	
Ethylbenzene	<1.3	ug/L	4.0	1.3	4		11/04/22 19:35	100-41-4	
Hexachloro-1,3-butadiene	<10.9	ug/L	20.0	10.9	4		11/04/22 19:35	87-68-3	
Isopropylbenzene (Cumene)	<4.0	ug/L	20.0	4.0	4		11/04/22 19:35	98-82-8	
p-Isopropyltoluene	<4.2	ug/L	20.0	4.2	4		11/04/22 19:35	99-87-6	
Methylene Chloride	<1.3	ug/L	20.0	1.3	4		11/04/22 19:35	75-09-2	
Methyl-tert-butyl ether	<4.5	ug/L	20.0	4.5	4		11/04/22 19:35	1634-04-4	L2
Naphthalene	<4.5	ug/L	20.0	4.5	4		11/04/22 19:35	91-20-3	
n-Propylbenzene	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	103-65-1	
Styrene	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	100-42-5	
1,1,1,2-Tetrachloroethane	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.5	ug/L	4.0	1.5	4		11/04/22 19:35	79-34-5	
Tetrachloroethene	<1.6	ug/L	4.0	1.6	4		11/04/22 19:35	127-18-4	
Toluene	<1.2	ug/L	4.0	1.2	4		11/04/22 19:35	108-88-3	
1,2,3-Trichlorobenzene	<4.1	ug/L	20.0	4.1	4		11/04/22 19:35	87-61-6	
1,2,4-Trichlorobenzene	<3.8	ug/L	20.0	3.8	4		11/04/22 19:35	120-82-1	
1,1,1-Trichloroethane	<1.2	ug/L	4.0	1.2	4		11/04/22 19:35	71-55-6	
1,1,2-Trichloroethane	<1.4	ug/L	20.0	1.4	4		11/04/22 19:35	79-00-5	
Trichloroethene	<1.3	ug/L	4.0	1.3	4		11/04/22 19:35	79-01-6	
Trichlorofluoromethane	<1.7	ug/L	4.0	1.7	4		11/04/22 19:35	75-69-4	
1,2,3-Trichloropropane	<2.2	ug/L	20.0	2.2	4		11/04/22 19:35	96-18-4	
1,2,4-Trimethylbenzene	<1.8	ug/L	4.0	1.8	4		11/04/22 19:35	95-63-6	
1,3,5-Trimethylbenzene	<1.4	ug/L	4.0	1.4	4		11/04/22 19:35	108-67-8	
Vinyl chloride	3050	ug/L	50.0	8.7	50		11/04/22 02:37	75-01-4	
Xylene (Total)	<4.2	ug/L	12.0	4.2	4		11/04/22 19:35	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		4		11/04/22 19:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		4		11/04/22 19:35	2199-69-1	
Toluene-d8 (S)	97	%	70-130		4		11/04/22 19:35	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		11/02/22 13:56		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2113**      **Lab ID: 40253868037**      Collected: 10/27/22 11:30      Received: 10/28/22 07:40      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>123</b>	mg/L	20.0	4.3	10		11/08/22 04:26	16887-00-6	
Sulfate	<b>307</b>	mg/L	20.0	4.4	10		11/08/22 04:26	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>535</b>	mg/L	125	37.2	5		11/03/22 14:08		M0
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>64.4</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:03		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>21.9</b>	mg/L	15.0	4.2	30		11/09/22 08:06	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2103**      **Lab ID: 40253868038**      Collected: 10/27/22 11:40      Received: 10/28/22 07:40      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>5.1J</b>	ug/L	5.6	0.39	1		11/02/22 12:31	74-84-0	
Ethene	<b>911</b>	ug/L	50.0	2.5	10		11/02/22 14:51	74-85-1	
Methane	<b>1160</b>	ug/L	28.0	5.8	10		11/02/22 14:51	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>8.3</b>	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 18:36	7439-89-6	
Manganese	<b>0.46</b>	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 18:36	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	<b>0.16</b>	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 00:59	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 00:59	7440-47-3	
Iron, Dissolved	<b>7.5</b>	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 00:59	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 00:59	7439-92-1	
Manganese, Dissolved	<b>0.47</b>	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 00:59	7439-96-5	D9
Nickel, Dissolved	<b>0.00055J</b>	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 00:59	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;1.5</b>	ug/L	5.0	1.5	5		11/04/22 19:55	71-43-2	
Bromobenzene	<b>&lt;1.8</b>	ug/L	5.0	1.8	5		11/04/22 19:55	108-86-1	
Bromochloromethane	<b>&lt;1.8</b>	ug/L	25.0	1.8	5		11/04/22 19:55	74-97-5	
Bromodichloromethane	<b>&lt;2.1</b>	ug/L	5.0	2.1	5		11/04/22 19:55	75-27-4	
Bromoform	<b>&lt;19.0</b>	ug/L	25.0	19.0	5		11/04/22 19:55	75-25-2	
Bromomethane	<b>&lt;6.0</b>	ug/L	25.0	6.0	5		11/04/22 19:55	74-83-9	
n-Butylbenzene	<b>&lt;4.3</b>	ug/L	5.0	4.3	5		11/04/22 19:55	104-51-8	
sec-Butylbenzene	<b>&lt;2.1</b>	ug/L	5.0	2.1	5		11/04/22 19:55	135-98-8	
tert-Butylbenzene	<b>&lt;2.9</b>	ug/L	5.0	2.9	5		11/04/22 19:55	98-06-6	
Carbon tetrachloride	<b>&lt;1.8</b>	ug/L	5.0	1.8	5		11/04/22 19:55	56-23-5	
Chlorobenzene	<b>&lt;4.3</b>	ug/L	5.0	4.3	5		11/04/22 19:55	108-90-7	
Chloroethane	<b>&lt;6.9</b>	ug/L	25.0	6.9	5		11/04/22 19:55	75-00-3	
Chloroform	<b>&lt;5.9</b>	ug/L	25.0	5.9	5		11/04/22 19:55	67-66-3	
Chloromethane	<b>&lt;8.2</b>	ug/L	25.0	8.2	5		11/04/22 19:55	74-87-3	
2-Chlorotoluene	<b>&lt;4.4</b>	ug/L	25.0	4.4	5		11/04/22 19:55	95-49-8	
4-Chlorotoluene	<b>&lt;4.5</b>	ug/L	25.0	4.5	5		11/04/22 19:55	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;11.8</b>	ug/L	25.0	11.8	5		11/04/22 19:55	96-12-8	
Dibromochloromethane	<b>&lt;13.2</b>	ug/L	25.0	13.2	5		11/04/22 19:55	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;1.5</b>	ug/L	5.0	1.5	5		11/04/22 19:55	106-93-4	
Dibromomethane	<b>&lt;5.0</b>	ug/L	25.0	5.0	5		11/04/22 19:55	74-95-3	
1,2-Dichlorobenzene	<b>&lt;1.6</b>	ug/L	5.0	1.6	5		11/04/22 19:55	95-50-1	
1,3-Dichlorobenzene	<b>&lt;1.8</b>	ug/L	5.0	1.8	5		11/04/22 19:55	541-73-1	
1,4-Dichlorobenzene	<b>&lt;4.5</b>	ug/L	5.0	4.5	5		11/04/22 19:55	106-46-7	
Dichlorodifluoromethane	<b>&lt;2.3</b>	ug/L	25.0	2.3	5		11/04/22 19:55	75-71-8	
1,1-Dichloroethane	<b>&lt;1.5</b>	ug/L	5.0	1.5	5		11/04/22 19:55	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2103**      **Lab ID: 40253868038**      Collected: 10/27/22 11:40      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 19:55	107-06-2	
1,1-Dichloroethane	<2.9	ug/L	5.0	2.9	5		11/04/22 19:55	75-35-4	
cis-1,2-Dichloroethene	329	ug/L	5.0	2.4	5		11/04/22 19:55	156-59-2	
trans-1,2-Dichloroethene	4.3J	ug/L	5.0	2.6	5		11/04/22 19:55	156-60-5	L2
1,2-Dichloropropane	<2.2	ug/L	5.0	2.2	5		11/04/22 19:55	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	5.0	1.5	5		11/04/22 19:55	142-28-9	
2,2-Dichloropropane	<20.9	ug/L	25.0	20.9	5		11/04/22 19:55	594-20-7	
1,1-Dichloropropene	<2.1	ug/L	5.0	2.1	5		11/04/22 19:55	563-58-6	
cis-1,3-Dichloropropene	<1.8	ug/L	5.0	1.8	5		11/04/22 19:55	10061-01-5	
trans-1,3-Dichloropropene	<17.3	ug/L	25.0	17.3	5		11/04/22 19:55	10061-02-6	
Diisopropyl ether	<5.5	ug/L	25.0	5.5	5		11/04/22 19:55	108-20-3	
Ethylbenzene	<1.6	ug/L	5.0	1.6	5		11/04/22 19:55	100-41-4	
Hexachloro-1,3-butadiene	<13.7	ug/L	25.0	13.7	5		11/04/22 19:55	87-68-3	
Isopropylbenzene (Cumene)	<5.0	ug/L	25.0	5.0	5		11/04/22 19:55	98-82-8	
p-Isopropyltoluene	<5.2	ug/L	25.0	5.2	5		11/04/22 19:55	99-87-6	
Methylene Chloride	<1.6	ug/L	25.0	1.6	5		11/04/22 19:55	75-09-2	
Methyl-tert-butyl ether	<5.6	ug/L	25.0	5.6	5		11/04/22 19:55	1634-04-4	L2
Naphthalene	<5.6	ug/L	25.0	5.6	5		11/04/22 19:55	91-20-3	
n-Propylbenzene	<1.7	ug/L	5.0	1.7	5		11/04/22 19:55	103-65-1	
Styrene	<1.8	ug/L	5.0	1.8	5		11/04/22 19:55	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	5.0	1.8	5		11/04/22 19:55	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		11/04/22 19:55	79-34-5	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		11/04/22 19:55	127-18-4	
Toluene	<1.4	ug/L	5.0	1.4	5		11/04/22 19:55	108-88-3	
1,2,3-Trichlorobenzene	<5.1	ug/L	25.0	5.1	5		11/04/22 19:55	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		11/04/22 19:55	120-82-1	
1,1,1-Trichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 19:55	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		11/04/22 19:55	79-00-5	
Trichloroethene	<1.6	ug/L	5.0	1.6	5		11/04/22 19:55	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	5.0	2.1	5		11/04/22 19:55	75-69-4	
1,2,3-Trichloropropane	<2.8	ug/L	25.0	2.8	5		11/04/22 19:55	96-18-4	
1,2,4-Trimethylbenzene	<2.2	ug/L	5.0	2.2	5		11/04/22 19:55	95-63-6	
1,3,5-Trimethylbenzene	<1.8	ug/L	5.0	1.8	5		11/04/22 19:55	108-67-8	
Vinyl chloride	2180	ug/L	20.0	3.5	20		11/04/22 02:57	75-01-4	
Xylene (Total)	<5.2	ug/L	15.0	5.2	5		11/04/22 19:55	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		5		11/04/22 19:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	110	%	70-130		5		11/04/22 19:55	2199-69-1	
Toluene-d8 (S)	100	%	70-130		5		11/04/22 19:55	2037-26-5	

**4500S2F Sulfide, Iodometric**

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

Sulfide	<1.2	mg/L	4.0	1.2	1		11/02/22 13:57		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2103**      **Lab ID: 40253868038**      Collected: 10/27/22 11:40      Received: 10/28/22 07:40      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		11/08/22 05:17	16887-00-6	
Sulfate	<b>130</b>	mg/L	20.0	4.4	10		11/08/22 05:17	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>373</b>	mg/L	125	37.2	5		11/03/22 14:14		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>15.7J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:03		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>6.4</b>	mg/L	3.0	0.83	6		11/09/22 08:19	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2103D**      **Lab ID: 40253868039**      Collected: 10/27/22 11:40      Received: 10/28/22 07:40      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	5.7	ug/L	5.6	0.39	1		11/02/22 12:38	74-84-0	
Ethene	1140	ug/L	50.0	2.5	10		11/02/22 14:58	74-85-1	
Methane	1330	ug/L	28.0	5.8	10		11/02/22 14:58	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	8.8	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 18:44	7439-89-6	
Manganese	0.48	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 18:44	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.16	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 01:06	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 01:06	7440-47-3	
Iron, Dissolved	7.5	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 01:06	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 01:06	7439-92-1	
Manganese, Dissolved	0.47	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 01:06	7439-96-5	
Nickel, Dissolved	0.00054J	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 01:06	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1.5	ug/L	5.0	1.5	5		11/04/22 20:15	71-43-2	
Bromobenzene	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		11/04/22 20:15	74-97-5	
Bromodichloromethane	<2.1	ug/L	5.0	2.1	5		11/04/22 20:15	75-27-4	
Bromoform	<19.0	ug/L	25.0	19.0	5		11/04/22 20:15	75-25-2	
Bromomethane	<6.0	ug/L	25.0	6.0	5		11/04/22 20:15	74-83-9	
n-Butylbenzene	<4.3	ug/L	5.0	4.3	5		11/04/22 20:15	104-51-8	
sec-Butylbenzene	<2.1	ug/L	5.0	2.1	5		11/04/22 20:15	135-98-8	
tert-Butylbenzene	<2.9	ug/L	5.0	2.9	5		11/04/22 20:15	98-06-6	
Carbon tetrachloride	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	56-23-5	
Chlorobenzene	<4.3	ug/L	5.0	4.3	5		11/04/22 20:15	108-90-7	
Chloroethane	<6.9	ug/L	25.0	6.9	5		11/04/22 20:15	75-00-3	
Chloroform	<5.9	ug/L	25.0	5.9	5		11/04/22 20:15	67-66-3	
Chloromethane	<8.2	ug/L	25.0	8.2	5		11/04/22 20:15	74-87-3	
2-Chlorotoluene	<4.4	ug/L	25.0	4.4	5		11/04/22 20:15	95-49-8	
4-Chlorotoluene	<4.5	ug/L	25.0	4.5	5		11/04/22 20:15	106-43-4	
1,2-Dibromo-3-chloropropane	<11.8	ug/L	25.0	11.8	5		11/04/22 20:15	96-12-8	
Dibromochloromethane	<13.2	ug/L	25.0	13.2	5		11/04/22 20:15	124-48-1	
1,2-Dibromoethane (EDB)	<1.5	ug/L	5.0	1.5	5		11/04/22 20:15	106-93-4	
Dibromomethane	<5.0	ug/L	25.0	5.0	5		11/04/22 20:15	74-95-3	
1,2-Dichlorobenzene	<1.6	ug/L	5.0	1.6	5		11/04/22 20:15	95-50-1	
1,3-Dichlorobenzene	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	541-73-1	
1,4-Dichlorobenzene	<4.5	ug/L	5.0	4.5	5		11/04/22 20:15	106-46-7	
Dichlorodifluoromethane	<2.3	ug/L	25.0	2.3	5		11/04/22 20:15	75-71-8	
1,1-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 20:15	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2103D**      **Lab ID: 40253868039**      Collected: 10/27/22 11:40      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 20:15	107-06-2	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		11/04/22 20:15	75-35-4	
cis-1,2-Dichloroethene	<b>353</b>	ug/L	5.0	2.4	5		11/04/22 20:15	156-59-2	
trans-1,2-Dichloroethene	<b>4.3J</b>	ug/L	5.0	2.6	5		11/04/22 20:15	156-60-5	L2
1,2-Dichloropropane	<2.2	ug/L	5.0	2.2	5		11/04/22 20:15	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	5.0	1.5	5		11/04/22 20:15	142-28-9	
2,2-Dichloropropane	<20.9	ug/L	25.0	20.9	5		11/04/22 20:15	594-20-7	
1,1-Dichloropropene	<2.1	ug/L	5.0	2.1	5		11/04/22 20:15	563-58-6	
cis-1,3-Dichloropropene	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	10061-01-5	
trans-1,3-Dichloropropene	<17.3	ug/L	25.0	17.3	5		11/04/22 20:15	10061-02-6	
Diisopropyl ether	<5.5	ug/L	25.0	5.5	5		11/04/22 20:15	108-20-3	
Ethylbenzene	<1.6	ug/L	5.0	1.6	5		11/04/22 20:15	100-41-4	
Hexachloro-1,3-butadiene	<13.7	ug/L	25.0	13.7	5		11/04/22 20:15	87-68-3	
Isopropylbenzene (Cumene)	<5.0	ug/L	25.0	5.0	5		11/04/22 20:15	98-82-8	
p-Isopropyltoluene	<5.2	ug/L	25.0	5.2	5		11/04/22 20:15	99-87-6	
Methylene Chloride	<1.6	ug/L	25.0	1.6	5		11/04/22 20:15	75-09-2	
Methyl-tert-butyl ether	<5.6	ug/L	25.0	5.6	5		11/04/22 20:15	1634-04-4	L2
Naphthalene	<5.6	ug/L	25.0	5.6	5		11/04/22 20:15	91-20-3	
n-Propylbenzene	<1.7	ug/L	5.0	1.7	5		11/04/22 20:15	103-65-1	
Styrene	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		11/04/22 20:15	79-34-5	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		11/04/22 20:15	127-18-4	
Toluene	<1.4	ug/L	5.0	1.4	5		11/04/22 20:15	108-88-3	
1,2,3-Trichlorobenzene	<5.1	ug/L	25.0	5.1	5		11/04/22 20:15	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		11/04/22 20:15	120-82-1	
1,1,1-Trichloroethane	<1.5	ug/L	5.0	1.5	5		11/04/22 20:15	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		11/04/22 20:15	79-00-5	
Trichloroethene	<1.6	ug/L	5.0	1.6	5		11/04/22 20:15	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	5.0	2.1	5		11/04/22 20:15	75-69-4	
1,2,3-Trichloropropane	<2.8	ug/L	25.0	2.8	5		11/04/22 20:15	96-18-4	
1,2,4-Trimethylbenzene	<2.2	ug/L	5.0	2.2	5		11/04/22 20:15	95-63-6	
1,3,5-Trimethylbenzene	<1.8	ug/L	5.0	1.8	5		11/04/22 20:15	108-67-8	
Vinyl chloride	<b>2350</b>	ug/L	20.0	3.5	20		11/04/22 03:17	75-01-4	
Xylene (Total)	<5.2	ug/L	15.0	5.2	5		11/04/22 20:15	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	110	%	70-130		5		11/04/22 20:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		5		11/04/22 20:15	2199-69-1	
Toluene-d8 (S)	96	%	70-130		5		11/04/22 20:15	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		11/02/22 13:59		

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2103D**      **Lab ID: 40253868039**      Collected: 10/27/22 11:40      Received: 10/28/22 07:40      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>133</b>	mg/L	40.0	8.6	20		11/08/22 05:30	16887-00-6	
Sulfate	<b>123</b>	mg/L	40.0	8.9	20		11/08/22 05:30	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>320</b>	mg/L	125	37.2	5		11/03/22 14:16		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>22.0J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:03		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>6.4</b>	mg/L	3.0	0.83	6		11/09/22 08:33	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2113**      **Lab ID: 40253868040**      Collected: 10/27/22 12:20      Received: 10/28/22 07:40      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	393	ug/L	5.6	0.39	1		11/02/22 12:45	74-84-0	
Ethene	1680	ug/L	250	12.6	50		11/02/22 15:05	74-85-1	
Methane	4840	ug/L	140	28.8	50		11/02/22 15:05	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	142	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 18:51	7439-89-6	
Manganese	0.56	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 18:51	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.3	mg/L	0.0047	0.0014	2	11/16/22 05:11	12/01/22 13:42	7440-39-3	
Chromium, Dissolved	<0.0020	mg/L	0.0068	0.0020	2	11/16/22 05:11	11/30/22 06:10	7440-47-3	D3
Iron, Dissolved	184	mg/L	0.50	0.12	2	11/16/22 05:11	11/30/22 06:10	7439-89-6	CR
Lead, Dissolved	<0.00047	mg/L	0.0020	0.00047	2	11/16/22 05:11	11/30/22 06:10	7439-92-1	D3
Manganese, Dissolved	0.60	mg/L	0.0081	0.0024	2	11/16/22 05:11	11/30/22 06:10	7439-96-5	D9
Nickel, Dissolved	<0.00057	mg/L	0.0020	0.00057	2	11/16/22 05:11	11/30/22 06:10	7440-02-0	D3
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.85J	ug/L	2.0	0.59	2		11/04/22 19:15	71-43-2	
Bromobenzene	<0.72	ug/L	2.0	0.72	2		11/04/22 19:15	108-86-1	
Bromochloromethane	<0.72	ug/L	10.0	0.72	2		11/04/22 19:15	74-97-5	
Bromodichloromethane	<0.83	ug/L	2.0	0.83	2		11/04/22 19:15	75-27-4	
Bromoform	<7.6	ug/L	10.0	7.6	2		11/04/22 19:15	75-25-2	
Bromomethane	<2.4	ug/L	10.0	2.4	2		11/04/22 19:15	74-83-9	
n-Butylbenzene	<1.7	ug/L	2.0	1.7	2		11/04/22 19:15	104-51-8	
sec-Butylbenzene	<0.85	ug/L	2.0	0.85	2		11/04/22 19:15	135-98-8	
tert-Butylbenzene	<1.2	ug/L	2.0	1.2	2		11/04/22 19:15	98-06-6	
Carbon tetrachloride	<0.74	ug/L	2.0	0.74	2		11/04/22 19:15	56-23-5	
Chlorobenzene	<1.7	ug/L	2.0	1.7	2		11/04/22 19:15	108-90-7	
Chloroethane	<2.8	ug/L	10.0	2.8	2		11/04/22 19:15	75-00-3	
Chloroform	<2.4	ug/L	10.0	2.4	2		11/04/22 19:15	67-66-3	
Chloromethane	<3.3	ug/L	10.0	3.3	2		11/04/22 19:15	74-87-3	
2-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		11/04/22 19:15	95-49-8	
4-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		11/04/22 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	<4.7	ug/L	10.0	4.7	2		11/04/22 19:15	96-12-8	
Dibromochloromethane	<5.3	ug/L	10.0	5.3	2		11/04/22 19:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.62	ug/L	2.0	0.62	2		11/04/22 19:15	106-93-4	
Dibromomethane	<2.0	ug/L	10.0	2.0	2		11/04/22 19:15	74-95-3	
1,2-Dichlorobenzene	<0.65	ug/L	2.0	0.65	2		11/04/22 19:15	95-50-1	
1,3-Dichlorobenzene	<0.70	ug/L	2.0	0.70	2		11/04/22 19:15	541-73-1	
1,4-Dichlorobenzene	<1.8	ug/L	2.0	1.8	2		11/04/22 19:15	106-46-7	
Dichlorodifluoromethane	<0.91	ug/L	10.0	0.91	2		11/04/22 19:15	75-71-8	
1,1-Dichloroethane	<0.59	ug/L	2.0	0.59	2		11/04/22 19:15	75-34-3	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2113**      **Lab ID: 40253868040**      Collected: 10/27/22 12:20      Received: 10/28/22 07:40      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		11/04/22 19:15	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		11/04/22 19:15	75-35-4	
cis-1,2-Dichloroethene	40.9	ug/L	2.0	0.94	2		11/04/22 19:15	156-59-2	
trans-1,2-Dichloroethene	12.0	ug/L	2.0	1.1	2		11/04/22 19:15	156-60-5	L2
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		11/04/22 19:15	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	2		11/04/22 19:15	142-28-9	
2,2-Dichloropropane	<8.4	ug/L	10.0	8.4	2		11/04/22 19:15	594-20-7	
1,1-Dichloropropene	<0.82	ug/L	2.0	0.82	2		11/04/22 19:15	563-58-6	
cis-1,3-Dichloropropene	<0.72	ug/L	2.0	0.72	2		11/04/22 19:15	10061-01-5	
trans-1,3-Dichloropropene	<6.9	ug/L	10.0	6.9	2		11/04/22 19:15	10061-02-6	
Diisopropyl ether	<2.2	ug/L	10.0	2.2	2		11/04/22 19:15	108-20-3	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		11/04/22 19:15	100-41-4	
Hexachloro-1,3-butadiene	<5.5	ug/L	10.0	5.5	2		11/04/22 19:15	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	10.0	2.0	2		11/04/22 19:15	98-82-8	
p-Isopropyltoluene	<2.1	ug/L	10.0	2.1	2		11/04/22 19:15	99-87-6	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		11/04/22 19:15	75-09-2	
Methyl-tert-butyl ether	<2.3	ug/L	10.0	2.3	2		11/04/22 19:15	1634-04-4	L2
Naphthalene	<2.3	ug/L	10.0	2.3	2		11/04/22 19:15	91-20-3	
n-Propylbenzene	<0.69	ug/L	2.0	0.69	2		11/04/22 19:15	103-65-1	
Styrene	<0.71	ug/L	2.0	0.71	2		11/04/22 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	<0.71	ug/L	2.0	0.71	2		11/04/22 19:15	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		11/04/22 19:15	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		11/04/22 19:15	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		11/04/22 19:15	108-88-3	
1,2,3-Trichlorobenzene	<2.0	ug/L	10.0	2.0	2		11/04/22 19:15	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		11/04/22 19:15	120-82-1	
1,1,1-Trichloroethane	<0.61	ug/L	2.0	0.61	2		11/04/22 19:15	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	10.0	0.69	2		11/04/22 19:15	79-00-5	
Trichloroethene	<0.64	ug/L	2.0	0.64	2		11/04/22 19:15	79-01-6	
Trichlorofluoromethane	<0.84	ug/L	2.0	0.84	2		11/04/22 19:15	75-69-4	
1,2,3-Trichloropropane	<1.1	ug/L	10.0	1.1	2		11/04/22 19:15	96-18-4	
1,2,4-Trimethylbenzene	<0.90	ug/L	2.0	0.90	2		11/04/22 19:15	95-63-6	
1,3,5-Trimethylbenzene	<0.71	ug/L	2.0	0.71	2		11/04/22 19:15	108-67-8	
Vinyl chloride	177	ug/L	2.0	0.35	2		11/04/22 19:15	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		11/04/22 19:15	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	107	%	70-130		2		11/04/22 19:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		2		11/04/22 19:15	2199-69-1	
Toluene-d8 (S)	97	%	70-130		2		11/04/22 19:15	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		11/02/22 14:00		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2113**      **Lab ID: 40253868040**      Collected: 10/27/22 12:20      Received: 10/28/22 07:40      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>331</b>	mg/L	20.0	4.3	10		11/08/22 05:43	16887-00-6	M0
Sulfate	<b>&lt;4.4</b>	mg/L	20.0	4.4	10		11/08/22 05:43	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>1990</b>	mg/L	250	74.4	10		11/03/22 14:17		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>1920</b>	mg/L	500	147	1	11/09/22 05:44	11/09/22 09:03		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>1310</b>	mg/L	50.0	13.8	100		11/09/22 08:48	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2112**      **Lab ID: 40253868041**      Collected: 10/27/22 13:00      Received: 10/28/22 07:40      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>1.9J</b>	ug/L	5.6	0.39	1		11/02/22 12:52	74-84-0	
Ethene	<b>38.6</b>	ug/L	5.0	0.25	1		11/02/22 12:52	74-85-1	
Methane	<b>939</b>	ug/L	28.0	5.8	10		11/02/22 15:12	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<b>4.4</b>	mg/L	0.25	0.058	1	11/16/22 05:23	11/27/22 18:59	7439-89-6	
Manganese	<b>0.28</b>	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 18:59	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>0.067</b>	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 01:13	7440-39-3	
Chromium, Dissolved	<b>&lt;0.0010</b>	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 01:13	7440-47-3	
Iron, Dissolved	<b>2.7</b>	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 01:13	7439-89-6	
Lead, Dissolved	<b>&lt;0.00024</b>	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 01:13	7439-92-1	
Manganese, Dissolved	<b>0.28</b>	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 01:13	7439-96-5	
Nickel, Dissolved	<b>0.0022</b>	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 01:13	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<b>&lt;3.0</b>	ug/L	10.0	3.0	10		11/03/22 02:45	71-43-2	
Bromobenzene	<b>&lt;3.6</b>	ug/L	10.0	3.6	10		11/03/22 02:45	108-86-1	
Bromochloromethane	<b>&lt;3.6</b>	ug/L	50.0	3.6	10		11/03/22 02:45	74-97-5	
Bromodichloromethane	<b>&lt;4.2</b>	ug/L	10.0	4.2	10		11/03/22 02:45	75-27-4	
Bromoform	<b>&lt;38.0</b>	ug/L	50.0	38.0	10		11/03/22 02:45	75-25-2	
Bromomethane	<b>&lt;11.9</b>	ug/L	50.0	11.9	10		11/03/22 02:45	74-83-9	
n-Butylbenzene	<b>&lt;8.6</b>	ug/L	10.0	8.6	10		11/03/22 02:45	104-51-8	
sec-Butylbenzene	<b>&lt;4.2</b>	ug/L	10.0	4.2	10		11/03/22 02:45	135-98-8	
tert-Butylbenzene	<b>&lt;5.9</b>	ug/L	10.0	5.9	10		11/03/22 02:45	98-06-6	
Carbon tetrachloride	<b>&lt;3.7</b>	ug/L	10.0	3.7	10		11/03/22 02:45	56-23-5	
Chlorobenzene	<b>&lt;8.6</b>	ug/L	10.0	8.6	10		11/03/22 02:45	108-90-7	
Chloroethane	<b>&lt;13.8</b>	ug/L	50.0	13.8	10		11/03/22 02:45	75-00-3	
Chloroform	<b>&lt;11.8</b>	ug/L	50.0	11.8	10		11/03/22 02:45	67-66-3	
Chloromethane	<b>&lt;16.4</b>	ug/L	50.0	16.4	10		11/03/22 02:45	74-87-3	
2-Chlorotoluene	<b>&lt;8.9</b>	ug/L	50.0	8.9	10		11/03/22 02:45	95-49-8	
4-Chlorotoluene	<b>&lt;8.9</b>	ug/L	50.0	8.9	10		11/03/22 02:45	106-43-4	
1,2-Dibromo-3-chloropropane	<b>&lt;23.7</b>	ug/L	50.0	23.7	10		11/03/22 02:45	96-12-8	
Dibromochloromethane	<b>&lt;26.4</b>	ug/L	50.0	26.4	10		11/03/22 02:45	124-48-1	
1,2-Dibromoethane (EDB)	<b>&lt;3.1</b>	ug/L	10.0	3.1	10		11/03/22 02:45	106-93-4	
Dibromomethane	<b>&lt;9.9</b>	ug/L	50.0	9.9	10		11/03/22 02:45	74-95-3	
1,2-Dichlorobenzene	<b>&lt;3.3</b>	ug/L	10.0	3.3	10		11/03/22 02:45	95-50-1	
1,3-Dichlorobenzene	<b>&lt;3.5</b>	ug/L	10.0	3.5	10		11/03/22 02:45	541-73-1	
1,4-Dichlorobenzene	<b>&lt;8.9</b>	ug/L	10.0	8.9	10		11/03/22 02:45	106-46-7	
Dichlorodifluoromethane	<b>&lt;4.6</b>	ug/L	50.0	4.6	10		11/03/22 02:45	75-71-8	
1,1-Dichloroethane	<b>&lt;3.0</b>	ug/L	10.0	3.0	10		11/03/22 02:45	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2112**      **Lab ID: 40253868041**      Collected: 10/27/22 13:00      Received: 10/28/22 07:40      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		11/03/22 02:45	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		11/03/22 02:45	75-35-4	
cis-1,2-Dichloroethene	587	ug/L	10.0	4.7	10		11/03/22 02:45	156-59-2	
trans-1,2-Dichloroethene	5.4J	ug/L	10.0	5.3	10		11/03/22 02:45	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		11/03/22 02:45	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		11/03/22 02:45	142-28-9	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		11/03/22 02:45	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		11/03/22 02:45	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		11/03/22 02:45	10061-01-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		11/03/22 02:45	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		11/03/22 02:45	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		11/03/22 02:45	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		11/03/22 02:45	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		11/03/22 02:45	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		11/03/22 02:45	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		11/03/22 02:45	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		11/03/22 02:45	1634-04-4	
Naphthalene	<11.3	ug/L	50.0	11.3	10		11/03/22 02:45	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		11/03/22 02:45	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		11/03/22 02:45	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		11/03/22 02:45	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		11/03/22 02:45	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		11/03/22 02:45	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		11/03/22 02:45	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		11/03/22 02:45	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		11/03/22 02:45	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		11/03/22 02:45	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		11/03/22 02:45	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		11/03/22 02:45	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		11/03/22 02:45	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		11/03/22 02:45	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		11/03/22 02:45	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		11/03/22 02:45	108-67-8	
Vinyl chloride	373	ug/L	10.0	1.7	10		11/03/22 02:45	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		11/03/22 02:45	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		10		11/03/22 02:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		11/03/22 02:45	2199-69-1	
Toluene-d8 (S)	102	%	70-130		10		11/03/22 02:45	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		11/02/22 14:01		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2112**      **Lab ID: 40253868041**      Collected: 10/27/22 13:00      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	<b>70.9</b>	mg/L	20.0	4.3	10		11/10/22 14:56	16887-00-6	
Sulfate	<b>330</b>	mg/L	20.0	4.4	10		11/10/22 14:56	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>336</b>	mg/L	25.0	7.4	1		11/03/22 14:18		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>45.4J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:04		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>17.4</b>	mg/L	5.0	1.4	10		11/09/22 09:03	7440-44-0	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2106**      **Lab ID: 40253868042**      Collected: 10/27/22 13:20      Received: 10/28/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Methane, Ethane, Ethene GCV</b>									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	7.2	ug/L	5.6	0.39	1		11/02/22 12:59	74-84-0	
Ethene	559	ug/L	100	5.0	20		11/02/22 15:19	74-85-1	
Methane	1620	ug/L	56.0	11.5	20		11/02/22 15:19	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	11/16/22 05:23	11/27/22 19:06	7439-89-6	
Manganese	0.26	mg/L	0.0040	0.0012	1	11/16/22 05:23	11/27/22 19:06	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.29	mg/L	0.0023	0.00070	1	11/16/22 05:11	11/30/22 01:57	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 05:11	11/30/22 01:57	7440-47-3	
Iron, Dissolved	1.7	mg/L	0.25	0.058	1	11/16/22 05:11	11/30/22 01:57	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 05:11	11/30/22 01:57	7439-92-1	
Manganese, Dissolved	0.27	mg/L	0.0040	0.0012	1	11/16/22 05:11	11/30/22 01:57	7439-96-5	D9
Nickel, Dissolved	0.0018	mg/L	0.0010	0.00028	1	11/16/22 05:11	11/30/22 01:57	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<5.9	ug/L	20.0	5.9	20		11/03/22 02:25	71-43-2	
Bromobenzene	<7.2	ug/L	20.0	7.2	20		11/03/22 02:25	108-86-1	
Bromochloromethane	<7.2	ug/L	100	7.2	20		11/03/22 02:25	74-97-5	
Bromodichloromethane	<8.3	ug/L	20.0	8.3	20		11/03/22 02:25	75-27-4	
Bromoform	<76.0	ug/L	100	76.0	20		11/03/22 02:25	75-25-2	
Bromomethane	<23.8	ug/L	100	23.8	20		11/03/22 02:25	74-83-9	
n-Butylbenzene	<17.1	ug/L	20.0	17.1	20		11/03/22 02:25	104-51-8	
sec-Butylbenzene	<8.5	ug/L	20.0	8.5	20		11/03/22 02:25	135-98-8	
tert-Butylbenzene	<11.7	ug/L	20.0	11.7	20		11/03/22 02:25	98-06-6	
Carbon tetrachloride	<7.4	ug/L	20.0	7.4	20		11/03/22 02:25	56-23-5	
Chlorobenzene	<17.1	ug/L	20.0	17.1	20		11/03/22 02:25	108-90-7	
Chloroethane	<27.6	ug/L	100	27.6	20		11/03/22 02:25	75-00-3	
Chloroform	<23.7	ug/L	100	23.7	20		11/03/22 02:25	67-66-3	
Chloromethane	<32.7	ug/L	100	32.7	20		11/03/22 02:25	74-87-3	
2-Chlorotoluene	<17.8	ug/L	100	17.8	20		11/03/22 02:25	95-49-8	
4-Chlorotoluene	<17.9	ug/L	100	17.9	20		11/03/22 02:25	106-43-4	
1,2-Dibromo-3-chloropropane	<47.3	ug/L	100	47.3	20		11/03/22 02:25	96-12-8	
Dibromochloromethane	<52.9	ug/L	100	52.9	20		11/03/22 02:25	124-48-1	
1,2-Dibromoethane (EDB)	<6.2	ug/L	20.0	6.2	20		11/03/22 02:25	106-93-4	
Dibromomethane	<19.8	ug/L	100	19.8	20		11/03/22 02:25	74-95-3	
1,2-Dichlorobenzene	<6.5	ug/L	20.0	6.5	20		11/03/22 02:25	95-50-1	
1,3-Dichlorobenzene	<7.0	ug/L	20.0	7.0	20		11/03/22 02:25	541-73-1	
1,4-Dichlorobenzene	<17.8	ug/L	20.0	17.8	20		11/03/22 02:25	106-46-7	
Dichlorodifluoromethane	<9.1	ug/L	100	9.1	20		11/03/22 02:25	75-71-8	
1,1-Dichloroethane	<5.9	ug/L	20.0	5.9	20		11/03/22 02:25	75-34-3	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2106**      **Lab ID: 40253868042**      Collected: 10/27/22 13:20      Received: 10/28/22 07:40      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	<5.8	ug/L	20.0	5.8	20		11/03/22 02:25	107-06-2	
1,1-Dichloroethane	<11.6	ug/L	20.0	11.6	20		11/03/22 02:25	75-35-4	
cis-1,2-Dichloroethene	87.2	ug/L	20.0	9.4	20		11/03/22 02:25	156-59-2	
trans-1,2-Dichloroethene	<10.6	ug/L	20.0	10.6	20		11/03/22 02:25	156-60-5	
1,2-Dichloropropane	<9.0	ug/L	20.0	9.0	20		11/03/22 02:25	78-87-5	
1,3-Dichloropropane	<6.1	ug/L	20.0	6.1	20		11/03/22 02:25	142-28-9	
2,2-Dichloropropane	<83.6	ug/L	100	83.6	20		11/03/22 02:25	594-20-7	
1,1-Dichloropropene	<8.2	ug/L	20.0	8.2	20		11/03/22 02:25	563-58-6	
cis-1,3-Dichloropropene	<7.2	ug/L	20.0	7.2	20		11/03/22 02:25	10061-01-5	
trans-1,3-Dichloropropene	<69.2	ug/L	100	69.2	20		11/03/22 02:25	10061-02-6	
Diisopropyl ether	<22.0	ug/L	100	22.0	20		11/03/22 02:25	108-20-3	
Ethylbenzene	<6.5	ug/L	20.0	6.5	20		11/03/22 02:25	100-41-4	
Hexachloro-1,3-butadiene	<54.7	ug/L	100	54.7	20		11/03/22 02:25	87-68-3	
Isopropylbenzene (Cumene)	<20.0	ug/L	100	20.0	20		11/03/22 02:25	98-82-8	
p-Isopropyltoluene	<20.9	ug/L	100	20.9	20		11/03/22 02:25	99-87-6	
Methylene Chloride	<6.4	ug/L	100	6.4	20		11/03/22 02:25	75-09-2	
Methyl-tert-butyl ether	<22.6	ug/L	100	22.6	20		11/03/22 02:25	1634-04-4	
Naphthalene	<22.6	ug/L	100	22.6	20		11/03/22 02:25	91-20-3	
n-Propylbenzene	<6.9	ug/L	20.0	6.9	20		11/03/22 02:25	103-65-1	
Styrene	<7.1	ug/L	20.0	7.1	20		11/03/22 02:25	100-42-5	
1,1,1,2-Tetrachloroethane	<7.1	ug/L	20.0	7.1	20		11/03/22 02:25	630-20-6	
1,1,2,2-Tetrachloroethane	<7.6	ug/L	20.0	7.6	20		11/03/22 02:25	79-34-5	
Tetrachloroethene	<8.2	ug/L	20.0	8.2	20		11/03/22 02:25	127-18-4	
Toluene	<5.8	ug/L	20.0	5.8	20		11/03/22 02:25	108-88-3	
1,2,3-Trichlorobenzene	<20.4	ug/L	100	20.4	20		11/03/22 02:25	87-61-6	
1,2,4-Trichlorobenzene	<19.0	ug/L	100	19.0	20		11/03/22 02:25	120-82-1	
1,1,1-Trichloroethane	<6.1	ug/L	20.0	6.1	20		11/03/22 02:25	71-55-6	
1,1,2-Trichloroethane	<6.9	ug/L	100	6.9	20		11/03/22 02:25	79-00-5	
Trichloroethene	<6.4	ug/L	20.0	6.4	20		11/03/22 02:25	79-01-6	
Trichlorofluoromethane	<8.4	ug/L	20.0	8.4	20		11/03/22 02:25	75-69-4	
1,2,3-Trichloropropane	<11.1	ug/L	100	11.1	20		11/03/22 02:25	96-18-4	
1,2,4-Trimethylbenzene	<9.0	ug/L	20.0	9.0	20		11/03/22 02:25	95-63-6	
1,3,5-Trimethylbenzene	<7.1	ug/L	20.0	7.1	20		11/03/22 02:25	108-67-8	
Vinyl chloride	1720	ug/L	20.0	3.5	20		11/03/22 02:25	75-01-4	
Xylene (Total)	<21.0	ug/L	60.0	21.0	20		11/03/22 02:25	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		20		11/03/22 02:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		20		11/03/22 02:25	2199-69-1	
Toluene-d8 (S)	100	%	70-130		20		11/03/22 02:25	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		11/03/22 13:19		

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2106**      **Lab ID: 40253868042**      Collected: 10/27/22 13:20      Received: 10/28/22 07:40      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>69.6</b>	mg/L	20.0	4.3	10		11/10/22 15:41	16887-00-6	
Sulfate	<b>293</b>	mg/L	20.0	4.4	10		11/10/22 15:41	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>653</b>	mg/L	125	37.2	5		11/03/22 14:19		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>122</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:04		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>36.1</b>	mg/L	15.0	4.2	30		11/09/22 09:17	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2112**      **Lab ID: 40253868043**      Collected: 10/27/22 13:30      Received: 10/28/22 07:40      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		11/09/22 09:31	74-84-0	
Ethene	0.35J	ug/L	5.0	0.25	1		11/09/22 09:31	74-85-1	
Methane	1380	ug/L	28.0	5.8	10		11/09/22 12:55	74-82-8	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		11/03/22 01:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 01:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/03/22 01:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 01:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/03/22 01:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/03/22 01:23	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 01:23	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/03/22 01:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/03/22 01:23	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/03/22 01:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/03/22 01:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/03/22 01:23	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/03/22 01:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/03/22 01:23	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 01:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/03/22 01:23	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/03/22 01:23	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/03/22 01:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/03/22 01:23	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/03/22 01:23	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 01:23	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 01:23	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/03/22 01:23	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/03/22 01:23	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 01:23	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/03/22 01:23	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/03/22 01:23	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/03/22 01:23	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/03/22 01:23	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/03/22 01:23	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/03/22 01:23	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/03/22 01:23	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/03/22 01:23	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/03/22 01:23	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/03/22 01:23	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 01:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/03/22 01:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/03/22 01:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/03/22 01:23	98-82-8	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2112**      **Lab ID: 40253868043**      Collected: 10/27/22 13:30      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/03/22 01:23	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/03/22 01:23	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/03/22 01:23	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/03/22 01:23	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/03/22 01:23	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/03/22 01:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/03/22 01:23	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/03/22 01:23	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/03/22 01:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/03/22 01:23	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/03/22 01:23	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/03/22 01:23	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/03/22 01:23	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/03/22 01:23	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/03/22 01:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/03/22 01:23	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/03/22 01:23	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/03/22 01:23	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/03/22 01:23	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/03/22 01:23	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/03/22 01:23	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/03/22 01:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/03/22 01:23	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		11/03/22 01:23	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2107**      **Lab ID: 40253868044**      Collected: 10/27/22 14:15      Received: 10/28/22 07:40      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	37.1	ug/L	5.6	0.39	1		11/09/22 09:38	74-84-0	
Ethene	42.3	ug/L	5.0	0.25	1		11/09/22 09:38	74-85-1	
Methane	6740	ug/L	140	28.8	50		11/09/22 13:02	74-82-8	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	2.2	ug/L	1.0	0.30	1		11/05/22 01:00	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/05/22 01:00	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 01:00	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/05/22 01:00	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/05/22 01:00	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 01:00	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/05/22 01:00	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/05/22 01:00	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/05/22 01:00	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 01:00	108-90-7	
Chloroethane	12.2	ug/L	5.0	1.4	1		11/05/22 01:00	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/05/22 01:00	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/05/22 01:00	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 01:00	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 01:00	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/05/22 01:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/05/22 01:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/05/22 01:00	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/05/22 01:00	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 01:00	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 01:00	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/05/22 01:00	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/05/22 01:00	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:00	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/05/22 01:00	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/05/22 01:00	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/05/22 01:00	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/05/22 01:00	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/05/22 01:00	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:00	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/05/22 01:00	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/05/22 01:00	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:00	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/05/22 01:00	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 01:00	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 01:00	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/05/22 01:00	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/05/22 01:00	98-82-8	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2107**      **Lab ID: 40253868044**      Collected: 10/27/22 14:15      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/05/22 01:00	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/05/22 01:00	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 01:00	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/05/22 01:00	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 01:00	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:00	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/05/22 01:00	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/05/22 01:00	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/05/22 01:00	127-18-4	
Toluene	0.67J	ug/L	1.0	0.29	1		11/05/22 01:00	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/05/22 01:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/05/22 01:00	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:00	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/05/22 01:00	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/05/22 01:00	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 01:00	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/05/22 01:00	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/22 01:00	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:00	108-67-8	
Vinyl chloride	16.5	ug/L	1.0	0.17	1		11/05/22 01:00	75-01-4	
Xylene (Total)	1.1J	ug/L	3.0	1.0	1		11/05/22 01:00	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		1		11/05/22 01:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		11/05/22 01:00	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		11/05/22 01:00	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2107**      **Lab ID: 40253868045**      Collected: 10/27/22 15:00      Received: 10/28/22 07:40      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	4.3J	ug/L	5.6	0.39	1		11/09/22 09:45	74-84-0	
Ethene	34.4	ug/L	5.0	0.25	1		11/09/22 09:45	74-85-1	
Methane	164	ug/L	2.8	0.58	1		11/09/22 09:45	74-82-8	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		11/03/22 03:06	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:06	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		11/03/22 03:06	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		11/03/22 03:06	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		11/03/22 03:06	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		11/03/22 03:06	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		11/03/22 03:06	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		11/03/22 03:06	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		11/03/22 03:06	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		11/03/22 03:06	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		11/03/22 03:06	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		11/03/22 03:06	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		11/03/22 03:06	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		11/03/22 03:06	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		11/03/22 03:06	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		11/03/22 03:06	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		11/03/22 03:06	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		11/03/22 03:06	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		11/03/22 03:06	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		11/03/22 03:06	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		11/03/22 03:06	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		11/03/22 03:06	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		11/03/22 03:06	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		11/03/22 03:06	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		11/03/22 03:06	75-34-3	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		11/03/22 03:06	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		11/03/22 03:06	75-35-4	
cis-1,2-Dichloroethene	1040	ug/L	10.0	4.7	10		11/03/22 03:06	156-59-2	
trans-1,2-Dichloroethene	7.7J	ug/L	10.0	5.3	10		11/03/22 03:06	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		11/03/22 03:06	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		11/03/22 03:06	142-28-9	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		11/03/22 03:06	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		11/03/22 03:06	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:06	10061-01-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		11/03/22 03:06	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		11/03/22 03:06	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		11/03/22 03:06	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		11/03/22 03:06	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		11/03/22 03:06	98-82-8	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2107**      **Lab ID: 40253868045**      Collected: 10/27/22 15:00      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		11/03/22 03:06	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		11/03/22 03:06	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		11/03/22 03:06	1634-04-4	
Naphthalene	<11.3	ug/L	50.0	11.3	10		11/03/22 03:06	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		11/03/22 03:06	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:06	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		11/03/22 03:06	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		11/03/22 03:06	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		11/03/22 03:06	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		11/03/22 03:06	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		11/03/22 03:06	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		11/03/22 03:06	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		11/03/22 03:06	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		11/03/22 03:06	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		11/03/22 03:06	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		11/03/22 03:06	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		11/03/22 03:06	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		11/03/22 03:06	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:06	108-67-8	
Vinyl chloride	1100	ug/L	10.0	1.7	10		11/03/22 03:06	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		11/03/22 03:06	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		10		11/03/22 03:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		11/03/22 03:06	2199-69-1	
Toluene-d8 (S)	101	%	70-130		10		11/03/22 03:06	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-61**      **Lab ID: 40253868046**      Collected: 10/27/22 14:55      Received: 10/28/22 07:40      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	31.6	ug/L	5.6	0.39	1		11/09/22 09:52	74-84-0	
Ethene	163	ug/L	5.0	0.25	1		11/09/22 09:52	74-85-1	
Methane	1270	ug/L	28.0	5.8	10		11/09/22 13:09	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 17:43	7439-89-6	
Manganese	0.19	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 17:43	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Barium, Dissolved	0.11	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 07:30	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 07:30	7440-47-3	
Iron, Dissolved	1.8	mg/L	0.25	0.058	1	11/16/22 06:10	11/27/22 07:30	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 07:30	7439-92-1	
Manganese, Dissolved	0.20	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 07:30	7439-96-5	D9
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 07:30	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	5.6J	ug/L	10.0	3.0	10		11/05/22 02:38	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		11/05/22 02:38	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		11/05/22 02:38	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		11/05/22 02:38	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		11/05/22 02:38	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		11/05/22 02:38	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		11/05/22 02:38	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		11/05/22 02:38	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		11/05/22 02:38	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		11/05/22 02:38	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		11/05/22 02:38	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		11/05/22 02:38	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		11/05/22 02:38	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		11/05/22 02:38	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		11/05/22 02:38	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		11/05/22 02:38	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		11/05/22 02:38	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		11/05/22 02:38	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		11/05/22 02:38	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		11/05/22 02:38	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		11/05/22 02:38	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		11/05/22 02:38	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		11/05/22 02:38	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		11/05/22 02:38	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		11/05/22 02:38	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-61**      **Lab ID: 40253868046**      Collected: 10/27/22 14:55      Received: 10/28/22 07:40      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		11/05/22 02:38	107-06-2	
1,1-Dichloroethane	<5.8	ug/L	10.0	5.8	10		11/05/22 02:38	75-35-4	
cis-1,2-Dichloroethene	1010	ug/L	10.0	4.7	10		11/05/22 02:38	156-59-2	
trans-1,2-Dichloroethene	8.2J	ug/L	10.0	5.3	10		11/05/22 02:38	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		11/05/22 02:38	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		11/05/22 02:38	142-28-9	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		11/05/22 02:38	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		11/05/22 02:38	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		11/05/22 02:38	10061-01-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		11/05/22 02:38	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		11/05/22 02:38	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		11/05/22 02:38	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		11/05/22 02:38	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		11/05/22 02:38	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		11/05/22 02:38	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		11/05/22 02:38	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		11/05/22 02:38	1634-04-4	
Naphthalene	<11.3	ug/L	50.0	11.3	10		11/05/22 02:38	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		11/05/22 02:38	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		11/05/22 02:38	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		11/05/22 02:38	630-20-6	
1,1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		11/05/22 02:38	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		11/05/22 02:38	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		11/05/22 02:38	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		11/05/22 02:38	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		11/05/22 02:38	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		11/05/22 02:38	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		11/05/22 02:38	79-00-5	
Trichloroethene	9.0J	ug/L	10.0	3.2	10		11/05/22 02:38	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		11/05/22 02:38	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		11/05/22 02:38	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		11/05/22 02:38	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		11/05/22 02:38	108-67-8	
Vinyl chloride	680	ug/L	10.0	1.7	10		11/05/22 02:38	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		11/05/22 02:38	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	97	%	70-130		10		11/05/22 02:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		11/05/22 02:38	2199-69-1	
Toluene-d8 (S)	107	%	70-130		10		11/05/22 02:38	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		11/03/22 13:28		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-61**      **Lab ID: 40253868046**      Collected: 10/27/22 14:55      Received: 10/28/22 07:40      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>209</b>	mg/L	20.0	4.3	10		11/10/22 15:56	16887-00-6	
Sulfate	<b>151</b>	mg/L	20.0	4.4	10		11/10/22 15:56	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>377</b>	mg/L	25.0	7.4	1		11/03/22 14:20		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>41.1J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:04		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>9.7</b>	mg/L	3.0	0.83	6		11/09/22 09:31	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-61D**      **Lab ID: 40253868047**      Collected: 10/27/22 14:55      Received: 10/28/22 07:40      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	31.1	ug/L	5.6	0.39	1		11/09/22 09:59	74-84-0	
Ethene	159	ug/L	5.0	0.25	1		11/09/22 09:59	74-85-1	
Methane	1310	ug/L	28.0	5.8	10		11/09/22 13:16	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 18:05	7439-89-6	
Manganese	0.19	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 18:05	7439-96-5	
<b>6020B MET ICPMS, Dissolved</b>									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.13	mg/L	0.0023	0.00070	1	11/16/22 06:10	11/27/22 07:52	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 07:52	7440-47-3	
Iron, Dissolved	1.6	mg/L	0.25	0.058	1	11/16/22 06:10	11/28/22 19:19	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 07:52	7439-92-1	
Manganese, Dissolved	0.21	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 07:52	7439-96-5	D9
Nickel, Dissolved	0.0011	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 07:52	7440-02-0	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	7.7J	ug/L	10.0	3.0	10		11/03/22 03:27	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:27	108-86-1	
Bromochloromethane	<3.6	ug/L	50.0	3.6	10		11/03/22 03:27	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		11/03/22 03:27	75-27-4	
Bromoform	<38.0	ug/L	50.0	38.0	10		11/03/22 03:27	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		11/03/22 03:27	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		11/03/22 03:27	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		11/03/22 03:27	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		11/03/22 03:27	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		11/03/22 03:27	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		11/03/22 03:27	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		11/03/22 03:27	75-00-3	
Chloroform	<11.8	ug/L	50.0	11.8	10		11/03/22 03:27	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		11/03/22 03:27	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		11/03/22 03:27	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		11/03/22 03:27	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		11/03/22 03:27	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		11/03/22 03:27	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		11/03/22 03:27	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		11/03/22 03:27	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		11/03/22 03:27	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		11/03/22 03:27	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		11/03/22 03:27	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		11/03/22 03:27	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		11/03/22 03:27	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-61D**      **Lab ID: 40253868047**      Collected: 10/27/22 14:55      Received: 10/28/22 07:40      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		11/03/22 03:27	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		11/03/22 03:27	75-35-4	
cis-1,2-Dichloroethene	1070	ug/L	10.0	4.7	10		11/03/22 03:27	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		11/03/22 03:27	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		11/03/22 03:27	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		11/03/22 03:27	142-28-9	
2,2-Dichloropropane	<41.8	ug/L	50.0	41.8	10		11/03/22 03:27	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		11/03/22 03:27	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:27	10061-01-5	
trans-1,3-Dichloropropene	<34.6	ug/L	50.0	34.6	10		11/03/22 03:27	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		11/03/22 03:27	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		11/03/22 03:27	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		11/03/22 03:27	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		11/03/22 03:27	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		11/03/22 03:27	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		11/03/22 03:27	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		11/03/22 03:27	1634-04-4	
Naphthalene	<11.3	ug/L	50.0	11.3	10		11/03/22 03:27	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		11/03/22 03:27	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:27	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		11/03/22 03:27	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		11/03/22 03:27	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		11/03/22 03:27	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		11/03/22 03:27	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		11/03/22 03:27	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		11/03/22 03:27	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		11/03/22 03:27	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	50.0	3.4	10		11/03/22 03:27	79-00-5	
Trichloroethene	7.0J	ug/L	10.0	3.2	10		11/03/22 03:27	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		11/03/22 03:27	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	50.0	5.6	10		11/03/22 03:27	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		11/03/22 03:27	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		11/03/22 03:27	108-67-8	
Vinyl chloride	679	ug/L	10.0	1.7	10		11/03/22 03:27	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		11/03/22 03:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		10		11/03/22 03:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		11/03/22 03:27	2199-69-1	
Toluene-d8 (S)	103	%	70-130		10		11/03/22 03:27	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		11/03/22 13:29		
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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-61D**      **Lab ID: 40253868047**      Collected: 10/27/22 14:55      Received: 10/28/22 07:40      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	20.0	4.3	10		11/10/22 16:11	16887-00-6	
Sulfate	<b>150</b>	mg/L	20.0	4.4	10		11/10/22 16:11	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>373</b>	mg/L	25.0	7.4	1		11/03/22 14:21		
<b>410.4 COD</b>									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<b>39.0J</b>	mg/L	50.0	14.7	1	11/09/22 05:44	11/09/22 09:04		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>9.7</b>	mg/L	3.0	0.83	6		11/09/22 10:05	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2101**      **Lab ID: 40253868048**      Collected: 10/27/22 16:00      Received: 10/28/22 07:40      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	69.4	ug/L	5.6	0.39	1		11/09/22 10:06	74-84-0	
Ethene	75.1	ug/L	5.0	0.25	1		11/09/22 10:06	74-85-1	
Methane	4800	ug/L	140	28.8	50		11/09/22 13:23	74-82-8	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.41J	ug/L	1.0	0.30	1		11/05/22 01:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:20	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/05/22 01:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 01:20	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/05/22 01:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/05/22 01:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 01:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/05/22 01:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/05/22 01:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/05/22 01:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 01:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/05/22 01:20	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/05/22 01:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/05/22 01:20	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 01:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 01:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/05/22 01:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/05/22 01:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/05/22 01:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/05/22 01:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 01:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 01:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/05/22 01:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/05/22 01:20	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:20	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/05/22 01:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/05/22 01:20	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/05/22 01:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/05/22 01:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/05/22 01:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:20	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/05/22 01:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/05/22 01:20	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:20	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/05/22 01:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 01:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 01:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/05/22 01:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/05/22 01:20	98-82-8	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2101**      **Lab ID: 40253868048**      Collected: 10/27/22 16:00      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/05/22 01:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/05/22 01:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 01:20	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/05/22 01:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 01:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:20	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/05/22 01:20	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/05/22 01:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/05/22 01:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/05/22 01:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/05/22 01:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/05/22 01:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/05/22 01:20	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/05/22 01:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 01:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/05/22 01:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/22 01:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:20	108-67-8	
Vinyl chloride	0.44J	ug/L	1.0	0.17	1		11/05/22 01:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/22 01:20	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	99	%	70-130		1		11/05/22 01:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		11/05/22 01:20	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		11/05/22 01:20	2037-26-5	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-61**      **Lab ID: 40253868049**      Collected: 10/27/22 16:00      Received: 10/28/22 07:40      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	8.9	ug/L	5.6	0.39	1		11/09/22 10:13	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		11/09/22 10:13	74-85-1	
Methane	7180	ug/L	140	28.8	50		11/09/22 13:30	74-82-8	
<b>6020B MET ICPMS</b>									
Analytical Method: EPA 6020B      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	93.3	mg/L	0.25	0.058	1	11/16/22 06:22	11/23/22 18:13	7439-89-6	
Manganese	0.17	mg/L	0.0040	0.0012	1	11/16/22 06:22	11/23/22 18:13	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	11/16/22 06:10	11/27/22 07:59	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	11/16/22 06:10	11/27/22 07:59	7440-47-3	
Iron, Dissolved	95.8	mg/L	0.25	0.058	1	11/16/22 06:10	11/27/22 07:59	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	11/16/22 06:10	11/27/22 07:59	7439-92-1	
Manganese, Dissolved	0.15	mg/L	0.0040	0.0012	1	11/16/22 06:10	11/27/22 07:59	7439-96-5	
Nickel, Dissolved	0.012	mg/L	0.0010	0.00028	1	11/16/22 06:10	11/27/22 07:59	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		11/05/22 01:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/05/22 01:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 01:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/05/22 01:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/05/22 01:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 01:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/05/22 01:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/05/22 01:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/05/22 01:40	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/05/22 01:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/05/22 01:40	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/05/22 01:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/05/22 01:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 01:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/05/22 01:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/05/22 01:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/05/22 01:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/05/22 01:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/05/22 01:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 01:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 01:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/05/22 01:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/05/22 01:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:40	75-34-3	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-61**      **Lab ID: 40253868049**      Collected: 10/27/22 16:00      Received: 10/28/22 07:40      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		11/05/22 01:40	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		11/05/22 01:40	75-35-4	
cis-1,2-Dichloroethene	2.1	ug/L	1.0	0.47	1		11/05/22 01:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/05/22 01:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/05/22 01:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:40	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/05/22 01:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/05/22 01:40	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:40	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/05/22 01:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 01:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/05/22 01:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/05/22 01:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/05/22 01:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/05/22 01:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/05/22 01:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/05/22 01:40	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/05/22 01:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/05/22 01:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:40	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/05/22 01:40	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/05/22 01:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/05/22 01:40	127-18-4	
Toluene	0.92J	ug/L	1.0	0.29	1		11/05/22 01:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/05/22 01:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/05/22 01:40	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/05/22 01:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/05/22 01:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/05/22 01:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/05/22 01:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/05/22 01:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/05/22 01:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/05/22 01:40	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/05/22 01:40	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/05/22 01:40	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1		11/05/22 01:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/05/22 01:40	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		11/05/22 01:40	2037-26-5	

**4500S2F Sulfide, Iodometric**

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		11/03/22 13:30		
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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-61**      **Lab ID: 40253868049**      Collected: 10/27/22 16:00      Received: 10/28/22 07:40      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>629</b>	mg/L	40.0	8.6	20		11/10/22 18:39	16887-00-6	
Sulfate	<b>7.3J</b>	mg/L	10.0	2.2	5		11/10/22 16:26	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>633</b>	mg/L	125	37.2	5		11/03/22 14:22		
<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	11/09/22 05:44	11/09/22 09:05		
<b>5310C TOC</b>									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	<b>53.5</b>	mg/L	15.0	4.2	30		11/09/22 10:19	7440-44-0	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2101**      **Lab ID: 40253868050**      Collected: 10/27/22 16:10      Received: 10/28/22 07:40      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	1620	ug/L	280	19.6	50		11/09/22 13:37	74-84-0	pH
Ethene	7830	ug/L	250	12.6	50		11/09/22 13:37	74-85-1	pH
Methane	836	ug/L	140	28.8	50		11/09/22 13:37	74-82-8	pH
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<295	ug/L	1000	295	1000		11/03/22 01:44	71-43-2	
Bromobenzene	<361	ug/L	1000	361	1000		11/03/22 01:44	108-86-1	
Bromochloromethane	<358	ug/L	5000	358	1000		11/03/22 01:44	74-97-5	
Bromodichloromethane	<415	ug/L	1000	415	1000		11/03/22 01:44	75-27-4	
Bromoform	<3800	ug/L	5000	3800	1000		11/03/22 01:44	75-25-2	
Bromomethane	<1190	ug/L	5000	1190	1000		11/03/22 01:44	74-83-9	
n-Butylbenzene	<857	ug/L	1000	857	1000		11/03/22 01:44	104-51-8	
sec-Butylbenzene	<424	ug/L	1000	424	1000		11/03/22 01:44	135-98-8	
tert-Butylbenzene	<586	ug/L	1000	586	1000		11/03/22 01:44	98-06-6	
Carbon tetrachloride	<369	ug/L	1000	369	1000		11/03/22 01:44	56-23-5	
Chlorobenzene	<855	ug/L	1000	855	1000		11/03/22 01:44	108-90-7	
Chloroethane	<1380	ug/L	5000	1380	1000		11/03/22 01:44	75-00-3	
Chloroform	<1180	ug/L	5000	1180	1000		11/03/22 01:44	67-66-3	
Chloromethane	<1640	ug/L	5000	1640	1000		11/03/22 01:44	74-87-3	
2-Chlorotoluene	<890	ug/L	5000	890	1000		11/03/22 01:44	95-49-8	
4-Chlorotoluene	<894	ug/L	5000	894	1000		11/03/22 01:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2370	ug/L	5000	2370	1000		11/03/22 01:44	96-12-8	
Dibromochloromethane	<2640	ug/L	5000	2640	1000		11/03/22 01:44	124-48-1	
1,2-Dibromoethane (EDB)	<309	ug/L	1000	309	1000		11/03/22 01:44	106-93-4	
Dibromomethane	<991	ug/L	5000	991	1000		11/03/22 01:44	74-95-3	
1,2-Dichlorobenzene	<326	ug/L	1000	326	1000		11/03/22 01:44	95-50-1	
1,3-Dichlorobenzene	<351	ug/L	1000	351	1000		11/03/22 01:44	541-73-1	
1,4-Dichlorobenzene	<892	ug/L	1000	892	1000		11/03/22 01:44	106-46-7	
Dichlorodifluoromethane	<455	ug/L	5000	455	1000		11/03/22 01:44	75-71-8	
1,1-Dichloroethane	<296	ug/L	1000	296	1000		11/03/22 01:44	75-34-3	
1,2-Dichloroethane	<292	ug/L	1000	292	1000		11/03/22 01:44	107-06-2	
1,1-Dichloroethene	<582	ug/L	1000	582	1000		11/03/22 01:44	75-35-4	
cis-1,2-Dichloroethene	60000	ug/L	1000	472	1000		11/03/22 01:44	156-59-2	
trans-1,2-Dichloroethene	<528	ug/L	1000	528	1000		11/03/22 01:44	156-60-5	
1,2-Dichloropropane	<448	ug/L	1000	448	1000		11/03/22 01:44	78-87-5	
1,3-Dichloropropane	<305	ug/L	1000	305	1000		11/03/22 01:44	142-28-9	
2,2-Dichloropropane	<4180	ug/L	5000	4180	1000		11/03/22 01:44	594-20-7	
1,1-Dichloropropene	<410	ug/L	1000	410	1000		11/03/22 01:44	563-58-6	
cis-1,3-Dichloropropene	<358	ug/L	1000	358	1000		11/03/22 01:44	10061-01-5	
trans-1,3-Dichloropropene	<3460	ug/L	5000	3460	1000		11/03/22 01:44	10061-02-6	
Diisopropyl ether	<1100	ug/L	5000	1100	1000		11/03/22 01:44	108-20-3	
Ethylbenzene	<325	ug/L	1000	325	1000		11/03/22 01:44	100-41-4	
Hexachloro-1,3-butadiene	<2740	ug/L	5000	2740	1000		11/03/22 01:44	87-68-3	
Isopropylbenzene (Cumene)	<1000	ug/L	5000	1000	1000		11/03/22 01:44	98-82-8	

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### ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2101**      **Lab ID: 40253868050**      Collected: 10/27/22 16:10      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<1040	ug/L	5000	1040	1000		11/03/22 01:44	99-87-6	
Methylene Chloride	<319	ug/L	5000	319	1000		11/03/22 01:44	75-09-2	
Methyl-tert-butyl ether	<1130	ug/L	5000	1130	1000		11/03/22 01:44	1634-04-4	
Naphthalene	<1130	ug/L	5000	1130	1000		11/03/22 01:44	91-20-3	
n-Propylbenzene	<345	ug/L	1000	345	1000		11/03/22 01:44	103-65-1	
Styrene	<356	ug/L	1000	356	1000		11/03/22 01:44	100-42-5	
1,1,1,2-Tetrachloroethane	<355	ug/L	1000	355	1000		11/03/22 01:44	630-20-6	
1,1,2,2-Tetrachloroethane	<378	ug/L	1000	378	1000		11/03/22 01:44	79-34-5	
Tetrachloroethene	<409	ug/L	1000	409	1000		11/03/22 01:44	127-18-4	
Toluene	<288	ug/L	1000	288	1000		11/03/22 01:44	108-88-3	
1,2,3-Trichlorobenzene	<1020	ug/L	5000	1020	1000		11/03/22 01:44	87-61-6	
1,2,4-Trichlorobenzene	<951	ug/L	5000	951	1000		11/03/22 01:44	120-82-1	
1,1,1-Trichloroethane	<303	ug/L	1000	303	1000		11/03/22 01:44	71-55-6	
1,1,2-Trichloroethane	<344	ug/L	5000	344	1000		11/03/22 01:44	79-00-5	
Trichloroethene	77500	ug/L	1000	320	1000		11/03/22 01:44	79-01-6	
Trichlorofluoromethane	<419	ug/L	1000	419	1000		11/03/22 01:44	75-69-4	
1,2,3-Trichloropropane	<555	ug/L	5000	555	1000		11/03/22 01:44	96-18-4	
1,2,4-Trimethylbenzene	<449	ug/L	1000	449	1000		11/03/22 01:44	95-63-6	
1,3,5-Trimethylbenzene	<357	ug/L	1000	357	1000		11/03/22 01:44	108-67-8	
Vinyl chloride	13700	ug/L	1000	174	1000		11/03/22 01:44	75-01-4	
Xylene (Total)	<1050	ug/L	3000	1050	1000		11/03/22 01:44	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	100	%	70-130		1000		11/03/22 01:44	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1000		11/03/22 01:44	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1000		11/03/22 01:44	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: MW-2111**      **Lab ID: 40253868051**      Collected: 10/27/22 17:30      Received: 10/28/22 07:40      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	198	ug/L	5.6	0.39	1		11/09/22 10:27	74-84-0	
Ethene	301	ug/L	5.0	0.25	1		11/09/22 10:27	74-85-1	
Methane	461	ug/L	11.2	2.3	4		11/09/22 13:43	74-82-8	
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.6J	ug/L	5.0	1.5	5		11/03/22 19:27	71-43-2	
Bromobenzene	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	108-86-1	
Bromochloromethane	<1.8	ug/L	25.0	1.8	5		11/03/22 19:27	74-97-5	
Bromodichloromethane	<2.1	ug/L	5.0	2.1	5		11/03/22 19:27	75-27-4	
Bromoform	<19.0	ug/L	25.0	19.0	5		11/03/22 19:27	75-25-2	
Bromomethane	<6.0	ug/L	25.0	6.0	5		11/03/22 19:27	74-83-9	
n-Butylbenzene	<4.3	ug/L	5.0	4.3	5		11/03/22 19:27	104-51-8	
sec-Butylbenzene	<2.1	ug/L	5.0	2.1	5		11/03/22 19:27	135-98-8	
tert-Butylbenzene	<2.9	ug/L	5.0	2.9	5		11/03/22 19:27	98-06-6	
Carbon tetrachloride	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	56-23-5	
Chlorobenzene	<4.3	ug/L	5.0	4.3	5		11/03/22 19:27	108-90-7	
Chloroethane	<6.9	ug/L	25.0	6.9	5		11/03/22 19:27	75-00-3	
Chloroform	<5.9	ug/L	25.0	5.9	5		11/03/22 19:27	67-66-3	
Chloromethane	<8.2	ug/L	25.0	8.2	5		11/03/22 19:27	74-87-3	
2-Chlorotoluene	<4.4	ug/L	25.0	4.4	5		11/03/22 19:27	95-49-8	
4-Chlorotoluene	<4.5	ug/L	25.0	4.5	5		11/03/22 19:27	106-43-4	
1,2-Dibromo-3-chloropropane	<11.8	ug/L	25.0	11.8	5		11/03/22 19:27	96-12-8	
Dibromochloromethane	<13.2	ug/L	25.0	13.2	5		11/03/22 19:27	124-48-1	
1,2-Dibromoethane (EDB)	<1.5	ug/L	5.0	1.5	5		11/03/22 19:27	106-93-4	
Dibromomethane	<5.0	ug/L	25.0	5.0	5		11/03/22 19:27	74-95-3	
1,2-Dichlorobenzene	<1.6	ug/L	5.0	1.6	5		11/03/22 19:27	95-50-1	
1,3-Dichlorobenzene	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	541-73-1	
1,4-Dichlorobenzene	<4.5	ug/L	5.0	4.5	5		11/03/22 19:27	106-46-7	
Dichlorodifluoromethane	<2.3	ug/L	25.0	2.3	5		11/03/22 19:27	75-71-8	
1,1-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/03/22 19:27	75-34-3	
1,2-Dichloroethane	<1.5	ug/L	5.0	1.5	5		11/03/22 19:27	107-06-2	
1,1-Dichloroethene	<2.9	ug/L	5.0	2.9	5		11/03/22 19:27	75-35-4	
cis-1,2-Dichloroethene	1250	ug/L	5.0	2.4	5		11/03/22 19:27	156-59-2	
trans-1,2-Dichloroethene	<2.6	ug/L	5.0	2.6	5		11/03/22 19:27	156-60-5	
1,2-Dichloropropane	<2.2	ug/L	5.0	2.2	5		11/03/22 19:27	78-87-5	
1,3-Dichloropropane	<1.5	ug/L	5.0	1.5	5		11/03/22 19:27	142-28-9	
2,2-Dichloropropane	<20.9	ug/L	25.0	20.9	5		11/03/22 19:27	594-20-7	
1,1-Dichloropropene	<2.1	ug/L	5.0	2.1	5		11/03/22 19:27	563-58-6	
cis-1,3-Dichloropropene	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	10061-01-5	
trans-1,3-Dichloropropene	<17.3	ug/L	25.0	17.3	5		11/03/22 19:27	10061-02-6	
Diisopropyl ether	<5.5	ug/L	25.0	5.5	5		11/03/22 19:27	108-20-3	
Ethylbenzene	<1.6	ug/L	5.0	1.6	5		11/03/22 19:27	100-41-4	
Hexachloro-1,3-butadiene	<13.7	ug/L	25.0	13.7	5		11/03/22 19:27	87-68-3	
Isopropylbenzene (Cumene)	<5.0	ug/L	25.0	5.0	5		11/03/22 19:27	98-82-8	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: MW-2111**      **Lab ID: 40253868051**      Collected: 10/27/22 17:30      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<5.2	ug/L	25.0	5.2	5		11/03/22 19:27	99-87-6	
Methylene Chloride	<1.6	ug/L	25.0	1.6	5		11/03/22 19:27	75-09-2	
Methyl-tert-butyl ether	<5.6	ug/L	25.0	5.6	5		11/03/22 19:27	1634-04-4	
Naphthalene	<5.6	ug/L	25.0	5.6	5		11/03/22 19:27	91-20-3	
n-Propylbenzene	<1.7	ug/L	5.0	1.7	5		11/03/22 19:27	103-65-1	
Styrene	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	100-42-5	
1,1,1,2-Tetrachloroethane	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	630-20-6	
1,1,2,2-Tetrachloroethane	<1.9	ug/L	5.0	1.9	5		11/03/22 19:27	79-34-5	
Tetrachloroethene	<2.0	ug/L	5.0	2.0	5		11/03/22 19:27	127-18-4	
Toluene	<1.4	ug/L	5.0	1.4	5		11/03/22 19:27	108-88-3	
1,2,3-Trichlorobenzene	<5.1	ug/L	25.0	5.1	5		11/03/22 19:27	87-61-6	
1,2,4-Trichlorobenzene	<4.8	ug/L	25.0	4.8	5		11/03/22 19:27	120-82-1	
1,1,1-Trichloroethane	<1.5	ug/L	5.0	1.5	5		11/03/22 19:27	71-55-6	
1,1,2-Trichloroethane	<1.7	ug/L	25.0	1.7	5		11/03/22 19:27	79-00-5	
Trichloroethene	<1.6	ug/L	5.0	1.6	5		11/03/22 19:27	79-01-6	
Trichlorofluoromethane	<2.1	ug/L	5.0	2.1	5		11/03/22 19:27	75-69-4	
1,2,3-Trichloropropane	<2.8	ug/L	25.0	2.8	5		11/03/22 19:27	96-18-4	
1,2,4-Trimethylbenzene	<2.2	ug/L	5.0	2.2	5		11/03/22 19:27	95-63-6	
1,3,5-Trimethylbenzene	<1.8	ug/L	5.0	1.8	5		11/03/22 19:27	108-67-8	
Vinyl chloride	78.6	ug/L	5.0	0.87	5		11/03/22 19:27	75-01-4	
Xylene (Total)	<5.2	ug/L	15.0	5.2	5		11/03/22 19:27	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		5		11/03/22 19:27	460-00-4	1q
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		5		11/03/22 19:27	2199-69-1	
Toluene-d8 (S)	98	%	70-130		5		11/03/22 19:27	2037-26-5	

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## ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40253868

**Sample: PZ-2111**      **Lab ID: 40253868052**      Collected: 10/27/22 17:15      Received: 10/28/22 07:40      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	70.0	ug/L	5.6	0.39	1		11/09/22 10:34	74-84-0	pH
Ethene	107	ug/L	5.0	0.25	1		11/09/22 10:34	74-85-1	pH
Methane	7390	ug/L	140	28.8	50		11/09/22 13:50	74-82-8	pH
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.32J	ug/L	1.0	0.30	1		11/04/22 12:02	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:02	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/04/22 12:02	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 12:02	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/04/22 12:02	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/04/22 12:02	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 12:02	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/04/22 12:02	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/04/22 12:02	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/04/22 12:02	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/04/22 12:02	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/04/22 12:02	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/04/22 12:02	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/04/22 12:02	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 12:02	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/04/22 12:02	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/04/22 12:02	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/04/22 12:02	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/04/22 12:02	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/04/22 12:02	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 12:02	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 12:02	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/04/22 12:02	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/04/22 12:02	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 12:02	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/04/22 12:02	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/04/22 12:02	75-35-4	
cis-1,2-Dichloroethene	35.6	ug/L	1.0	0.47	1		11/04/22 12:02	156-59-2	
trans-1,2-Dichloroethene	0.83J	ug/L	1.0	0.53	1		11/04/22 12:02	156-60-5	L2
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/04/22 12:02	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/04/22 12:02	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/04/22 12:02	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/04/22 12:02	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:02	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/04/22 12:02	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 12:02	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/04/22 12:02	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/04/22 12:02	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/04/22 12:02	98-82-8	

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### ANALYTICAL RESULTS

Project: 60682984 KEP  
Pace Project No.: 40253868

**Sample: PZ-2111**      **Lab ID: 40253868052**      Collected: 10/27/22 17:15      Received: 10/28/22 07:40      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									
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/04/22 12:02	99-87-6	
Methylene Chloride	0.40J	ug/L	5.0	0.32	1		11/04/22 12:02	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/04/22 12:02	1634-04-4	L2
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/04/22 12:02	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/04/22 12:02	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:02	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/04/22 12:02	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/04/22 12:02	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/04/22 12:02	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/04/22 12:02	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/04/22 12:02	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/04/22 12:02	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/04/22 12:02	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/04/22 12:02	79-00-5	
Trichloroethene	1.2	ug/L	1.0	0.32	1		11/04/22 12:02	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/04/22 12:02	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/04/22 12:02	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/04/22 12:02	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/04/22 12:02	108-67-8	
Vinyl chloride	4.4	ug/L	1.0	0.17	1		11/04/22 12:02	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		11/04/22 12:02	1330-20-7	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	109	%	70-130		1		11/04/22 12:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/04/22 12:02	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		11/04/22 12:02	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430341	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:	40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042		

METHOD BLANK: 2478244 Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	11/02/22 09:41	
Ethene	ug/L	<0.25	5.0	11/02/22 09:41	
Methane	ug/L	0.71J	2.8	11/02/22 09:41	

LABORATORY CONTROL SAMPLE & LCSD: 2478245 2478246

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	49.9	50.3	93	94	74-120	1	20	
Ethene	ug/L	50	46.3	46.8	93	94	71-122	1	20	
Methane	ug/L	28.6	27.5	27.6	96	97	73-120	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478874 2478875

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253868032 Result	Spike Conc.	Spike Conc.	MS Result						
Ethane	ug/L	<0.39	53.6	53.6	47.0	48.4	88	90	70-120	3	20
Ethene	ug/L	<0.25	50	50	43.6	44.9	87	90	68-122	3	20
Methane	ug/L	1.6J	28.6	28.6	28.9	29.9	96	99	10-200	3	20

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430921	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: 40253868043, 40253868044, 40253868045, 40253868046, 40253868047, 40253868048, 40253868049, 40253868050, 40253868051, 40253868052

METHOD BLANK: 2481463 Matrix: Water  
Associated Lab Samples: 40253868043, 40253868044, 40253868045, 40253868046, 40253868047, 40253868048, 40253868049, 40253868050, 40253868051, 40253868052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	11/09/22 09:03	
Ethene	ug/L	<0.25	5.0	11/09/22 09:03	
Methane	ug/L	<0.58	2.8	11/09/22 09:03	

LABORATORY CONTROL SAMPLE & LCSD: 2481464 2481465

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	49.0	50.0	92	93	74-120	2	20	
Ethene	ug/L	50	46.0	46.7	92	93	71-122	1	20	
Methane	ug/L	28.6	26.5	27.3	93	96	73-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2482208 2482209

Parameter	Units	40254187005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	<0.39	53.6	53.6	48.9	50.2	91	94	70-120	2	20	
Ethene	ug/L	<0.25	50	50	45.7	46.7	91	93	68-122	2	20	
Methane	ug/L	1.0J	28.6	28.6	26.7	27.4	90	92	10-200	3	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	431616	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042

METHOD BLANK: 2485484 Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	11/27/22 15:25	
Manganese	mg/L	<0.0012	0.0040	11/27/22 15:25	

LABORATORY CONTROL SAMPLE: 2485485

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	9.8	98	80-120	
Manganese	mg/L	0.25	0.24	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485486 2485487

Parameter	Units	40253868013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	6.3	10	10	17.1	16.5	108	102	75-125	4	20	
Manganese	mg/L	0.034	0.25	0.25	0.30	0.27	104	96	75-125	8	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 431621 Analysis Method: EPA 6020B  
QC Batch Method: EPA 3010A Analysis Description: 6020B MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253868046, 40253868047, 40253868049

METHOD BLANK: 2485506 Matrix: Water  
Associated Lab Samples: 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	11/23/22 16:37	
Manganese	mg/L	<0.0012	0.0040	11/23/22 16:37	

LABORATORY CONTROL SAMPLE: 2485507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	9.6	96	80-120	
Manganese	mg/L	0.25	0.24	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485508 2485509

Parameter	Units	40253744008		2485509		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	mg/L	0.30	10	10	9.5	92	95	75-125	3	20	
Manganese	mg/L	0.12	0.25	0.25	0.36	94	100	75-125	4	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	431615	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042

METHOD BLANK: 2485480 Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	11/29/22 22:39	
Calcium, Dissolved	mg/L	<0.076	0.25	11/29/22 22:39	
Chromium, Dissolved	mg/L	<0.0010	0.0034	11/29/22 22:39	
Iron, Dissolved	mg/L	<0.058	0.25	11/29/22 22:39	
Lead, Dissolved	mg/L	<0.00024	0.0010	11/29/22 22:39	
Magnesium, Dissolved	mg/L	<0.031	0.25	11/29/22 22:39	
Manganese, Dissolved	mg/L	<0.0012	0.0040	11/29/22 22:39	
Nickel, Dissolved	mg/L	<0.00028	0.0010	11/29/22 22:39	
Potassium, Dissolved	mg/L	<0.24	0.79	11/29/22 22:39	
Sodium, Dissolved	mg/L	<0.042	0.25	11/29/22 22:39	

LABORATORY CONTROL SAMPLE: 2485481

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.24	97	80-120	
Calcium, Dissolved	mg/L	10	9.9	99	80-120	
Chromium, Dissolved	mg/L	0.25	0.24	97	80-120	
Iron, Dissolved	mg/L	10	9.5	95	80-120	
Lead, Dissolved	mg/L	0.25	0.24	96	80-120	
Magnesium, Dissolved	mg/L	10	10.1	101	80-120	
Manganese, Dissolved	mg/L	0.25	0.24	96	80-120	
Nickel, Dissolved	mg/L	0.25	0.24	96	80-120	
Potassium, Dissolved	mg/L	10	10.2	102	80-120	
Sodium, Dissolved	mg/L	10	9.8	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485482 2485483

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Spike Conc.	Result	Spike Conc.	Result								
Barium, Dissolved	mg/L	0.055	0.25	0.25	0.30	0.30	97	98	75-125	0	20		
Calcium, Dissolved	mg/L	30.2	10	10	38.4	39.4	82	92	75-125	3	20		
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.24	0.24	96	97	75-125	2	20		
Iron, Dissolved	mg/L	3.7	10	10	12.9	13.3	92	95	75-125	3	20		
Lead, Dissolved	mg/L	0.00036J	0.25	0.25	0.25	0.25	100	100	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.: 40253868

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485482		2485483		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253868013 Result	MS Spike Conc.	MSD Spike Conc.									
Magnesium, Dissolved	mg/L	11.5	10	10	20.6	20.8	91	92	75-125	1	20		
Manganese, Dissolved	mg/L	0.030	0.25	0.25	0.27	0.28	98	98	75-125	0	20		
Nickel, Dissolved	mg/L	0.00050J	0.25	0.25	0.24	0.24	97	97	75-125	0	20		
Potassium, Dissolved	mg/L	6.3	10	10	14.2	14.6	79	83	75-125	3	20		
Sodium, Dissolved	mg/L	52.6	10	10	59.5	60.6	68	79	75-125	2	20	P6	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 431619      Analysis Method: EPA 6020B  
QC Batch Method: EPA 3010A      Analysis Description: 6020B MET Dissolved  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253868046, 40253868047, 40253868049

METHOD BLANK: 2485496      Matrix: Water  
Associated Lab Samples: 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	11/27/22 15:18	
Chromium, Dissolved	mg/L	<0.0010	0.0034	11/27/22 15:18	
Iron, Dissolved	mg/L	<0.058	0.25	11/27/22 15:18	
Lead, Dissolved	mg/L	<0.00024	0.0010	11/27/22 15:18	
Manganese, Dissolved	mg/L	<0.0012	0.0040	11/27/22 15:18	
Nickel, Dissolved	mg/L	<0.00028	0.0010	11/27/22 15:18	

LABORATORY CONTROL SAMPLE: 2485497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	99	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	98	80-120	
Iron, Dissolved	mg/L	10	10.1	101	80-120	
Lead, Dissolved	mg/L	0.25	0.25	101	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	101	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2485498      2485499

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253744008 Result	Spike Conc.	Spike Conc.	Result						
Barium, Dissolved	mg/L	0.16	0.25	0.25	0.42	0.42	102	104	75-125	1	20
Chromium, Dissolved	mg/L	0.0014J	0.25	0.25	0.24	0.25	95	98	75-125	2	20
Iron, Dissolved	mg/L	0.066J	10	10	9.7	9.9	96	99	75-125	3	20
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.27	105	107	75-125	2	20
Manganese, Dissolved	mg/L	0.064	0.25	0.25	0.31	0.31	98	99	75-125	1	20
Nickel, Dissolved	mg/L	0.0038	0.25	0.25	0.24	0.25	96	98	75-125	1	20

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

METHOD BLANK: 2477640

Matrix: Water

Associated Lab Samples: 40253868001, 40253868002, 40253868003, 40253868005, 40253868006, 40253868007, 40253868008, 40253868009, 40253868010, 40253868011, 40253868012, 40253868013, 40253868014, 40253868015, 40253868016, 40253868017, 40253868018, 40253868019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	11/03/22 17:08	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/03/22 17:08	
Diisopropyl ether	ug/L	<1.1	5.0	11/03/22 17:08	
Ethylbenzene	ug/L	<0.33	1.0	11/03/22 17:08	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/03/22 17:08	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/03/22 17:08	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/03/22 17:08	
Methylene Chloride	ug/L	<0.32	5.0	11/03/22 17:08	
n-Butylbenzene	ug/L	<0.86	1.0	11/03/22 17:08	
n-Propylbenzene	ug/L	<0.35	1.0	11/03/22 17:08	
Naphthalene	ug/L	<1.1	5.0	11/03/22 17:08	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/03/22 17:08	
sec-Butylbenzene	ug/L	<0.42	1.0	11/03/22 17:08	
Styrene	ug/L	<0.36	1.0	11/03/22 17:08	
tert-Butylbenzene	ug/L	<0.59	1.0	11/03/22 17:08	
Tetrachloroethene	ug/L	<0.41	1.0	11/03/22 17:08	
Toluene	ug/L	<0.29	1.0	11/03/22 17:08	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/03/22 17:08	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/03/22 17:08	
Trichloroethene	ug/L	<0.32	1.0	11/03/22 17:08	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/03/22 17:08	
Vinyl chloride	ug/L	<0.17	1.0	11/03/22 17:08	
Xylene (Total)	ug/L	<1.0	3.0	11/03/22 17:08	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	11/03/22 17:08	
4-Bromofluorobenzene (S)	%	103	70-130	11/03/22 17:08	
Toluene-d8 (S)	%	99	70-130	11/03/22 17:08	

LABORATORY CONTROL SAMPLE: 2477641

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	52.5	105	69-130	
1,1,2-Trichloroethane	ug/L	50	51.2	102	70-130	
1,1-Dichloroethane	ug/L	50	53.1	106	70-130	
1,1-Dichloroethene	ug/L	50	56.5	113	74-131	
1,2,4-Trichlorobenzene	ug/L	50	49.4	99	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	70-130	
1,2-Dichlorobenzene	ug/L	50	54.4	109	70-130	
1,2-Dichloroethane	ug/L	50	52.5	105	70-137	
1,2-Dichloropropane	ug/L	50	52.9	106	80-121	
1,3-Dichlorobenzene	ug/L	50	54.2	108	70-130	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2477641

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-130	
Benzene	ug/L	50	53.7	107	70-130	
Bromodichloromethane	ug/L	50	52.9	106	70-130	
Bromoform	ug/L	50	47.6	95	70-130	
Bromomethane	ug/L	50	40.7	81	21-147	
Carbon tetrachloride	ug/L	50	52.8	106	80-146	
Chlorobenzene	ug/L	50	51.7	103	70-130	
Chloroethane	ug/L	50	48.8	98	52-165	
Chloroform	ug/L	50	52.8	106	80-123	
Chloromethane	ug/L	50	40.6	81	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Dibromochloromethane	ug/L	50	50.9	102	70-130	
Dichlorodifluoromethane	ug/L	50	25.2	50	25-121	
Ethylbenzene	ug/L	50	56.9	114	80-120	
Isopropylbenzene (Cumene)	ug/L	50	56.2	112	70-130	
Methyl-tert-butyl ether	ug/L	50	51.9	104	70-130	
Methylene Chloride	ug/L	50	53.0	106	70-130	
Styrene	ug/L	50	56.0	112	70-130	
Tetrachloroethene	ug/L	50	51.4	103	70-130	
Toluene	ug/L	50	54.0	108	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.0	90	70-130	
Trichloroethene	ug/L	50	53.4	107	70-130	
Trichlorofluoromethane	ug/L	50	52.8	106	65-160	
Vinyl chloride	ug/L	50	43.4	87	63-134	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480165 2480166

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253868009	Result	Spike Conc.	Spike Conc.							
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.7	54.6	109	109	70-134	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	52.5	53.7	105	107	61-135	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.7	53.4	103	107	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.5	52.5	105	105	70-130	0	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	53.3	55.4	107	111	71-130	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.9	50.7	102	101	68-131	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	47.6	52.5	95	105	51-141	10	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.6	50.2	97	100	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	53.3	55.7	107	111	70-130	4	20	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480165												2480166											
Parameter	Units	40253868009		MS	MSD	MS		MSD		% Rec Limits	RPD	Max RPD	Qual										
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec														
1,2-Dichloroethane	ug/L	<0.29	50	50	50	53.7	54.0	107	108	70-137	0	20											
1,2-Dichloropropane	ug/L	<0.45	50	50	50	52.6	53.4	105	107	80-121	1	20											
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50	54.2	54.7	108	109	70-130	1	20											
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50	50.8	51.5	102	103	70-130	1	20											
Benzene	ug/L	<0.30	50	50	50	53.5	53.8	107	108	70-130	1	20											
Bromodichloromethane	ug/L	<0.42	50	50	50	51.5	54.3	103	109	70-130	5	20											
Bromoform	ug/L	<3.8	50	50	50	49.1	50.9	98	102	70-133	4	20											
Bromomethane	ug/L	<1.2	50	50	50	41.4	43.6	83	87	21-149	5	22											
Carbon tetrachloride	ug/L	<0.37	50	50	50	54.1	53.0	108	106	80-146	2	20											
Chlorobenzene	ug/L	<0.86	50	50	50	53.1	53.9	106	108	70-130	1	20											
Chloroethane	ug/L	<1.4	50	50	50	46.8	45.6	94	91	52-165	3	20											
Chloroform	ug/L	<1.2	50	50	50	53.8	54.4	108	109	80-123	1	20											
Chloromethane	ug/L	<1.6	50	50	50	35.9	35.9	72	72	42-125	0	20											
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50	50.5	52.2	101	104	70-130	3	20											
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	50	52.5	52.8	105	106	70-130	0	20											
Dibromochloromethane	ug/L	<2.6	50	50	50	51.1	54.5	102	109	70-130	6	20											
Dichlorodifluoromethane	ug/L	<0.46	50	50	50	22.6	22.1	45	44	25-121	2	20											
Ethylbenzene	ug/L	<0.33	50	50	50	56.6	58.5	113	117	80-121	3	20											
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	50	56.8	58.7	114	117	70-130	3	20											
Methyl-tert-butyl ether	ug/L	<1.1	50	50	50	52.8	52.1	106	104	70-130	1	20											
Methylene Chloride	ug/L	<0.32	50	50	50	52.9	52.9	106	106	70-130	0	20											
Styrene	ug/L	<0.36	50	50	50	56.1	57.2	112	114	70-132	2	20											
Tetrachloroethene	ug/L	<0.41	50	50	50	54.4	55.5	109	111	70-130	2	20											
Toluene	ug/L	<0.29	50	50	50	55.2	55.7	110	111	80-120	1	20											
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50	54.8	55.4	110	111	70-130	1	20											
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	50	47.7	48.3	95	97	70-130	1	20											
Trichloroethene	ug/L	<0.32	50	50	50	53.7	54.3	107	109	70-130	1	20											
Trichlorofluoromethane	ug/L	<0.42	50	50	50	51.9	52.8	104	106	65-160	2	20											
Vinyl chloride	ug/L	0.28J	50	50	50	40.3	39.3	80	78	60-137	3	20											
Xylene (Total)	ug/L	<1.0	150	150	150	166	171	111	114	70-130	3	20											
1,2-Dichlorobenzene-d4 (S)	%							100	103	70-130													
4-Bromofluorobenzene (S)	%							102	100	70-130													
Toluene-d8 (S)	%							101	103	70-130													

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

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QC Batch:	430201	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868021, 40253868022, 40253868023, 40253868024, 40253868025, 40253868031, 40253868032, 40253868037, 40253868038, 40253868039

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METHOD BLANK: 2477645 Matrix: Water  
Associated Lab Samples: 40253868021, 40253868022, 40253868023, 40253868024, 40253868025, 40253868031, 40253868032, 40253868037, 40253868038, 40253868039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/03/22 17:21	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/03/22 17:21	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/03/22 17:21	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/03/22 17:21	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/03/22 17:21	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/03/22 17:21	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/03/22 17:21	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/03/22 17:21	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/03/22 17:21	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/03/22 17:21	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/03/22 17:21	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/03/22 17:21	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/03/22 17:21	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/03/22 17:21	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/03/22 17:21	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/03/22 17:21	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/03/22 17:21	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/03/22 17:21	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/03/22 17:21	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/03/22 17:21	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/03/22 17:21	
2-Chlorotoluene	ug/L	<0.89	5.0	11/03/22 17:21	
4-Chlorotoluene	ug/L	<0.89	5.0	11/03/22 17:21	
Benzene	ug/L	<0.30	1.0	11/03/22 17:21	
Bromobenzene	ug/L	<0.36	1.0	11/03/22 17:21	
Bromochloromethane	ug/L	<0.36	5.0	11/03/22 17:21	
Bromodichloromethane	ug/L	<0.42	1.0	11/03/22 17:21	
Bromoform	ug/L	<3.8	5.0	11/03/22 17:21	
Bromomethane	ug/L	<1.2	5.0	11/03/22 17:21	
Carbon tetrachloride	ug/L	<0.37	1.0	11/03/22 17:21	
Chlorobenzene	ug/L	<0.86	1.0	11/03/22 17:21	
Chloroethane	ug/L	<1.4	5.0	11/03/22 17:21	
Chloroform	ug/L	<1.2	5.0	11/03/22 17:21	
Chloromethane	ug/L	<1.6	5.0	11/03/22 17:21	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/03/22 17:21	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/03/22 17:21	
Dibromochloromethane	ug/L	<2.6	5.0	11/03/22 17:21	
Dibromomethane	ug/L	<0.99	5.0	11/03/22 17:21	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/03/22 17:21	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

METHOD BLANK: 2477645 Matrix: Water  
Associated Lab Samples: 40253868021, 40253868022, 40253868023, 40253868024, 40253868025, 40253868031, 40253868032, 40253868037, 40253868038, 40253868039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	11/03/22 17:21	
Ethylbenzene	ug/L	<0.33	1.0	11/03/22 17:21	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/03/22 17:21	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/03/22 17:21	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/03/22 17:21	
Methylene Chloride	ug/L	<0.32	5.0	11/03/22 17:21	
n-Butylbenzene	ug/L	<0.86	1.0	11/03/22 17:21	
n-Propylbenzene	ug/L	<0.35	1.0	11/03/22 17:21	
Naphthalene	ug/L	<1.1	5.0	11/03/22 17:21	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/03/22 17:21	
sec-Butylbenzene	ug/L	<0.42	1.0	11/03/22 17:21	
Styrene	ug/L	<0.36	1.0	11/03/22 17:21	
tert-Butylbenzene	ug/L	<0.59	1.0	11/03/22 17:21	
Tetrachloroethene	ug/L	<0.41	1.0	11/03/22 17:21	
Toluene	ug/L	<0.29	1.0	11/03/22 17:21	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/03/22 17:21	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/03/22 17:21	
Trichloroethene	ug/L	<0.32	1.0	11/03/22 17:21	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/03/22 17:21	
Vinyl chloride	ug/L	<0.17	1.0	11/03/22 17:21	
Xylene (Total)	ug/L	<1.0	3.0	11/03/22 17:21	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	11/03/22 17:21	
4-Bromofluorobenzene (S)	%	109	70-130	11/03/22 17:21	
Toluene-d8 (S)	%	102	70-130	11/03/22 17:21	

LABORATORY CONTROL SAMPLE: 2477646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.1	98	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	56.0	112	69-130	
1,1,2-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1-Dichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethene	ug/L	50	49.8	100	74-131	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	70-130	
1,2-Dichlorobenzene	ug/L	50	52.2	104	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-137	
1,2-Dichloropropane	ug/L	50	53.5	107	80-121	
1,3-Dichlorobenzene	ug/L	50	52.2	104	70-130	
1,4-Dichlorobenzene	ug/L	50	50.9	102	70-130	
Benzene	ug/L	50	52.1	104	70-130	
Bromodichloromethane	ug/L	50	50.9	102	70-130	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2477646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.3	95	70-130	
Bromomethane	ug/L	50	35.4	71	21-147	
Carbon tetrachloride	ug/L	50	48.4	97	80-146	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	53.3	107	52-165	
Chloroform	ug/L	50	46.7	93	80-123	
Chloromethane	ug/L	50	40.2	80	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.0	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	70-130	
Dibromochloromethane	ug/L	50	46.2	92	70-130	
Dichlorodifluoromethane	ug/L	50	24.4	49	25-121	
Ethylbenzene	ug/L	50	55.1	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.2	110	70-130	
Methyl-tert-butyl ether	ug/L	50	50.9	102	70-130	
Methylene Chloride	ug/L	50	52.7	105	70-130	
Styrene	ug/L	50	48.8	98	70-130	
Tetrachloroethene	ug/L	50	45.8	92	70-130	
Toluene	ug/L	50	52.0	104	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.0	92	70-130	
Trichloroethene	ug/L	50	51.1	102	70-130	
Trichlorofluoromethane	ug/L	50	51.6	103	65-160	
Vinyl chloride	ug/L	50	40.8	82	63-134	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			105	70-130	
4-Bromofluorobenzene (S)	%			112	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479550 2479551

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253868021 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.3	53.4	101	107	70-134	6	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	58.0	59.0	116	118	61-135	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	54.2	55.0	108	110	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.4	53.8	105	108	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	48.1	49.8	96	100	71-130	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	40.9	41.3	82	83	68-131	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	45.2	52.3	90	105	51-141	15	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	53.7	53.2	107	106	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	47.1	48.1	94	96	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	51.6	50.7	103	101	70-137	2	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	53.0	55.0	106	110	80-121	4	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	45.3	46.6	91	93	70-130	3	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

Parameter	Units	40253868021		2479550		2479551		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,4-Dichlorobenzene	ug/L	<0.89	50	50	42.9	45.1	86	90	70-130	5	20			
Benzene	ug/L	<0.30	50	50	53.3	52.0	107	104	70-130	2	20			
Bromodichloromethane	ug/L	<0.42	50	50	53.5	52.3	107	105	70-130	2	20			
Bromoform	ug/L	<3.8	50	50	46.8	43.1	94	86	70-133	8	20			
Bromomethane	ug/L	<1.2	50	50	42.5	42.9	85	86	21-149	1	22			
Carbon tetrachloride	ug/L	<0.37	50	50	49.2	48.9	98	98	80-146	1	20			
Chlorobenzene	ug/L	<0.86	50	50	52.2	52.4	104	105	70-130	0	20			
Chloroethane	ug/L	<1.4	50	50	51.3	57.4	103	115	52-165	11	20			
Chloroform	ug/L	<1.2	50	50	51.1	51.1	102	102	80-123	0	20			
Chloromethane	ug/L	<1.6	50	50	41.4	41.7	83	83	42-125	1	20			
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.3	51.8	105	104	70-130	1	20			
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	47.4	46.7	95	93	70-130	1	20			
Dibromochloromethane	ug/L	<2.6	50	50	48.8	47.2	98	94	70-130	3	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	23.8	23.6	48	47	25-121	1	20			
Ethylbenzene	ug/L	<0.33	50	50	52.1	52.9	104	106	80-121	2	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.9	53.6	106	107	70-130	1	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	53.4	52.5	107	105	70-130	2	20			
Methylene Chloride	ug/L	0.39J	50	50	54.4	53.1	108	105	70-130	2	20			
Styrene	ug/L	<0.36	50	50	22.8	24.8	46	50	70-132	8	20	M1		
Tetrachloroethene	ug/L	<0.41	50	50	46.7	46.6	93	93	70-130	0	20			
Toluene	ug/L	<0.29	50	50	49.8	49.9	100	100	80-120	0	20			
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.4	52.4	107	105	70-130	2	20			
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	45.4	45.1	91	90	70-130	1	20			
Trichloroethene	ug/L	<0.32	50	50	51.2	51.2	102	102	70-130	0	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	50.3	51.9	101	104	65-160	3	20			
Vinyl chloride	ug/L	<0.17	50	50	41.3	41.4	83	83	60-137	0	20			
Xylene (Total)	ug/L	<1.0	150	150	135	135	90	90	70-130	0	20			
1,2-Dichlorobenzene-d4 (S)	%						101	106	70-130					
4-Bromofluorobenzene (S)	%						105	108	70-130					
Toluene-d8 (S)	%						97	97	70-130					

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430348      Analysis Method: EPA 8260  
QC Batch Method: EPA 8260      Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868041, 40253868042, 40253868043, 40253868045, 40253868047, 40253868050

METHOD BLANK: 2478309      Matrix: Water  
Associated Lab Samples: 40253868041, 40253868042, 40253868043, 40253868045, 40253868047, 40253868050

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/02/22 16:45	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/02/22 16:45	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/02/22 16:45	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/02/22 16:45	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/02/22 16:45	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/02/22 16:45	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/02/22 16:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/02/22 16:45	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/02/22 16:45	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/02/22 16:45	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/02/22 16:45	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/02/22 16:45	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/02/22 16:45	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/02/22 16:45	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/02/22 16:45	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/02/22 16:45	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/02/22 16:45	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/02/22 16:45	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/02/22 16:45	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/02/22 16:45	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/02/22 16:45	
2-Chlorotoluene	ug/L	<0.89	5.0	11/02/22 16:45	
4-Chlorotoluene	ug/L	<0.89	5.0	11/02/22 16:45	
Benzene	ug/L	<0.30	1.0	11/02/22 16:45	
Bromobenzene	ug/L	<0.36	1.0	11/02/22 16:45	
Bromochloromethane	ug/L	<0.36	5.0	11/02/22 16:45	
Bromodichloromethane	ug/L	<0.42	1.0	11/02/22 16:45	
Bromoform	ug/L	<3.8	5.0	11/02/22 16:45	
Bromomethane	ug/L	<1.2	5.0	11/02/22 16:45	
Carbon tetrachloride	ug/L	<0.37	1.0	11/02/22 16:45	
Chlorobenzene	ug/L	<0.86	1.0	11/02/22 16:45	
Chloroethane	ug/L	<1.4	5.0	11/02/22 16:45	
Chloroform	ug/L	<1.2	5.0	11/02/22 16:45	
Chloromethane	ug/L	<1.6	5.0	11/02/22 16:45	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/02/22 16:45	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/02/22 16:45	
Dibromochloromethane	ug/L	<2.6	5.0	11/02/22 16:45	
Dibromomethane	ug/L	<0.99	5.0	11/02/22 16:45	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/02/22 16:45	
Diisopropyl ether	ug/L	<1.1	5.0	11/02/22 16:45	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

METHOD BLANK: 2478309

Matrix: Water

Associated Lab Samples: 40253868041, 40253868042, 40253868043, 40253868045, 40253868047, 40253868050

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	11/02/22 16:45	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/02/22 16:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/02/22 16:45	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/02/22 16:45	
Methylene Chloride	ug/L	<0.32	5.0	11/02/22 16:45	
n-Butylbenzene	ug/L	<0.86	1.0	11/02/22 16:45	
n-Propylbenzene	ug/L	<0.35	1.0	11/02/22 16:45	
Naphthalene	ug/L	<1.1	5.0	11/02/22 16:45	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/02/22 16:45	
sec-Butylbenzene	ug/L	<0.42	1.0	11/02/22 16:45	
Styrene	ug/L	<0.36	1.0	11/02/22 16:45	
tert-Butylbenzene	ug/L	<0.59	1.0	11/02/22 16:45	
Tetrachloroethene	ug/L	<0.41	1.0	11/02/22 16:45	
Toluene	ug/L	<0.29	1.0	11/02/22 16:45	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/02/22 16:45	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/02/22 16:45	
Trichloroethene	ug/L	<0.32	1.0	11/02/22 16:45	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/02/22 16:45	
Vinyl chloride	ug/L	<0.17	1.0	11/02/22 16:45	
Xylene (Total)	ug/L	<1.0	3.0	11/02/22 16:45	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	11/02/22 16:45	
4-Bromofluorobenzene (S)	%	100	70-130	11/02/22 16:45	
Toluene-d8 (S)	%	102	70-130	11/02/22 16:45	

LABORATORY CONTROL SAMPLE: 2478310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.0	108	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	69-130	
1,1,2-Trichloroethane	ug/L	50	52.5	105	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	55.3	111	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.9	92	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.8	94	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	47.7	95	70-130	
1,2-Dichlorobenzene	ug/L	50	53.9	108	70-130	
1,2-Dichloroethane	ug/L	50	52.4	105	70-137	
1,2-Dichloropropane	ug/L	50	52.7	105	80-121	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	
Benzene	ug/L	50	53.9	108	70-130	
Bromodichloromethane	ug/L	50	53.7	107	70-130	
Bromoform	ug/L	50	47.7	95	70-130	
Bromomethane	ug/L	50	43.2	86	21-147	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2478310

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.1	108	80-146	
Chlorobenzene	ug/L	50	53.1	106	70-130	
Chloroethane	ug/L	50	49.6	99	52-165	
Chloroform	ug/L	50	54.6	109	80-123	
Chloromethane	ug/L	50	44.8	90	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dichlorodifluoromethane	ug/L	50	37.5	75	25-121	
Ethylbenzene	ug/L	50	57.9	116	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.5	115	70-130	
Methyl-tert-butyl ether	ug/L	50	48.9	98	70-130	
Methylene Chloride	ug/L	50	52.5	105	70-130	
Styrene	ug/L	50	57.4	115	70-130	
Tetrachloroethene	ug/L	50	55.1	110	70-130	
Toluene	ug/L	50	55.1	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.8	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.4	89	70-130	
Trichloroethene	ug/L	50	53.6	107	70-130	
Trichlorofluoromethane	ug/L	50	56.2	112	65-160	
Vinyl chloride	ug/L	50	45.9	92	63-134	
Xylene (Total)	ug/L	150	169	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479043 2479044

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253744026 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	58.0	55.6	116	111	70-134	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	55.1	54.9	110	110	61-135	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.6	53.1	105	106	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	54.3	52.5	109	105	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	58.6	55.9	117	112	71-130	5	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.8	48.8	100	98	68-131	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	48.1	50.4	96	101	51-141	5	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.4	49.6	97	99	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	56.4	55.0	113	110	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	53.2	52.9	106	106	70-137	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	55.1	53.1	110	106	80-121	4	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	56.6	55.3	113	111	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	53.4	53.0	107	106	70-130	1	20		
Benzene	ug/L	<0.30	50	50	54.7	53.9	109	108	70-130	1	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479043 2479044												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253744026 Result	Spike Conc.	Spike Conc.	MS Result							
Bromodichloromethane	ug/L	<0.42	50	50	56.7	54.5	113	109	70-130	4	20	
Bromoform	ug/L	<3.8	50	50	49.0	51.8	98	104	70-133	6	20	
Bromomethane	ug/L	<1.2	50	50	46.0	46.1	92	92	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	56.5	55.0	113	110	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	54.0	54.5	108	109	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	49.3	49.2	99	98	52-165	0	20	
Chloroform	ug/L	<1.2	50	50	55.7	54.7	111	109	80-123	2	20	
Chloromethane	ug/L	<1.6	50	50	44.1	43.2	88	86	42-125	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.7	51.3	105	103	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	53.4	52.4	107	105	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	53.9	53.8	108	108	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	36.4	35.0	73	70	25-121	4	20	
Ethylbenzene	ug/L	<0.33	50	50	58.2	58.5	116	117	80-121	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	58.9	57.4	118	115	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	52.4	52.2	105	104	70-130	0	20	
Methylene Chloride	ug/L	<0.32	50	50	53.9	51.9	108	104	70-130	4	20	
Styrene	ug/L	<0.36	50	50	58.7	58.0	117	116	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	53.8	56.0	108	112	70-130	4	20	
Toluene	ug/L	<0.29	50	50	56.2	55.7	112	111	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	56.1	56.1	112	112	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	46.2	47.5	92	95	70-130	3	20	
Trichloroethene	ug/L	<0.32	50	50	55.6	53.8	111	108	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	57.8	56.1	116	112	65-160	3	20	
Vinyl chloride	ug/L	<0.17	50	50	46.4	44.3	93	89	60-137	5	20	
Xylene (Total)	ug/L	<1.0	150	150	173	169	116	113	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%						102	99	70-130			
4-Bromofluorobenzene (S)	%						105	101	70-130			
Toluene-d8 (S)	%						100	102	70-130			

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430349      Analysis Method: EPA 8260  
QC Batch Method: EPA 8260      Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868051

METHOD BLANK: 2478389      Matrix: Water  
Associated Lab Samples: 40253868051

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/03/22 07:58	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/03/22 07:58	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/03/22 07:58	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/03/22 07:58	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/03/22 07:58	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/03/22 07:58	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/03/22 07:58	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/03/22 07:58	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/03/22 07:58	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/03/22 07:58	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/03/22 07:58	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/03/22 07:58	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/03/22 07:58	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/03/22 07:58	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/03/22 07:58	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/03/22 07:58	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/03/22 07:58	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/03/22 07:58	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/03/22 07:58	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/03/22 07:58	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/03/22 07:58	
2-Chlorotoluene	ug/L	<0.89	5.0	11/03/22 07:58	
4-Chlorotoluene	ug/L	<0.89	5.0	11/03/22 07:58	
Benzene	ug/L	<0.30	1.0	11/03/22 07:58	
Bromobenzene	ug/L	<0.36	1.0	11/03/22 07:58	
Bromochloromethane	ug/L	<0.36	5.0	11/03/22 07:58	
Bromodichloromethane	ug/L	<0.42	1.0	11/03/22 07:58	
Bromoform	ug/L	<3.8	5.0	11/03/22 07:58	
Bromomethane	ug/L	<1.2	5.0	11/03/22 07:58	
Carbon tetrachloride	ug/L	<0.37	1.0	11/03/22 07:58	
Chlorobenzene	ug/L	<0.86	1.0	11/03/22 07:58	
Chloroethane	ug/L	<1.4	5.0	11/03/22 07:58	
Chloroform	ug/L	<1.2	5.0	11/03/22 07:58	
Chloromethane	ug/L	<1.6	5.0	11/03/22 07:58	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/03/22 07:58	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/03/22 07:58	
Dibromochloromethane	ug/L	<2.6	5.0	11/03/22 07:58	
Dibromomethane	ug/L	<0.99	5.0	11/03/22 07:58	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/03/22 07:58	
Diisopropyl ether	ug/L	<1.1	5.0	11/03/22 07:58	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

METHOD BLANK: 2478389  
Associated Lab Samples: 40253868051

Matrix: Water

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	11/03/22 07:58	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/03/22 07:58	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/03/22 07:58	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/03/22 07:58	
Methylene Chloride	ug/L	<0.32	5.0	11/03/22 07:58	
n-Butylbenzene	ug/L	<0.86	1.0	11/03/22 07:58	
n-Propylbenzene	ug/L	<0.35	1.0	11/03/22 07:58	
Naphthalene	ug/L	<1.1	5.0	11/03/22 07:58	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/03/22 07:58	
sec-Butylbenzene	ug/L	<0.42	1.0	11/03/22 07:58	
Styrene	ug/L	<0.36	1.0	11/03/22 07:58	
tert-Butylbenzene	ug/L	<0.59	1.0	11/03/22 07:58	
Tetrachloroethene	ug/L	<0.41	1.0	11/03/22 07:58	
Toluene	ug/L	<0.29	1.0	11/03/22 07:58	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/03/22 07:58	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/03/22 07:58	
Trichloroethene	ug/L	<0.32	1.0	11/03/22 07:58	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/03/22 07:58	
Vinyl chloride	ug/L	<0.17	1.0	11/03/22 07:58	
Xylene (Total)	ug/L	<1.0	3.0	11/03/22 07:58	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	11/03/22 07:58	
4-Bromofluorobenzene (S)	%	103	70-130	11/03/22 07:58	
Toluene-d8 (S)	%	99	70-130	11/03/22 07:58	

LABORATORY CONTROL SAMPLE: 2478390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	47.6	95	69-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	54.4	109	70-130	
1,1-Dichloroethene	ug/L	50	61.1	122	74-131	
1,2,4-Trichlorobenzene	ug/L	50	47.6	95	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.7	83	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.5	97	70-130	
1,2-Dichlorobenzene	ug/L	50	51.5	103	70-130	
1,2-Dichloroethane	ug/L	50	54.8	110	70-137	
1,2-Dichloropropane	ug/L	50	55.4	111	80-121	
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	49.8	100	70-130	
Benzene	ug/L	50	52.7	105	70-130	
Bromodichloromethane	ug/L	50	51.2	102	70-130	
Bromoform	ug/L	50	46.2	92	70-130	
Bromomethane	ug/L	50	55.6	111	21-147	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2478390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	52.7	105	80-146	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	59.4	119	52-165	
Chloroform	ug/L	50	52.9	106	80-123	
Chloromethane	ug/L	50	48.6	97	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	
Dibromochloromethane	ug/L	50	46.9	94	70-130	
Dichlorodifluoromethane	ug/L	50	34.9	70	25-121	
Ethylbenzene	ug/L	50	53.7	107	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.4	109	70-130	
Methyl-tert-butyl ether	ug/L	50	43.3	87	70-130	
Methylene Chloride	ug/L	50	60.1	120	70-130	
Styrene	ug/L	50	54.4	109	70-130	
Tetrachloroethene	ug/L	50	48.6	97	70-130	
Toluene	ug/L	50	52.5	105	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.2	96	70-130	
Trichloroethene	ug/L	50	53.0	106	70-130	
Trichlorofluoromethane	ug/L	50	59.6	119	65-160	
Vinyl chloride	ug/L	50	51.1	102	63-134	
Xylene (Total)	ug/L	150	158	106	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478889 2478890

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253941002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	49.3	48.8	99	98	70-134	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.3	48.7	95	97	61-135	3	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	48.4	48.0	97	96	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.7	52.0	105	104	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	59.0	57.9	118	116	71-130	2	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	38.6	40.1	77	80	68-131	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	41.8	42.9	84	86	51-141	3	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.2	47.1	96	94	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	45.7	46.7	91	93	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	51.5	51.1	103	102	70-137	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	52.7	51.8	105	104	80-121	2	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	45.3	46.1	91	92	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	44.2	45.2	88	90	70-130	2	20		
Benzene	ug/L	<0.30	50	50	50.5	50.3	101	101	70-130	0	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478889		2478890		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253941002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Bromodichloromethane	ug/L	<0.42	50	50	48.5	48.3	97	97	70-130	0	20	
Bromoform	ug/L	<3.8	50	50	44.4	44.9	89	90	70-133	1	20	
Bromomethane	ug/L	<1.2	50	50	62.5	67.4	125	135	21-149	8	22	
Carbon tetrachloride	ug/L	<0.37	50	50	50.5	50.8	101	102	80-146	1	20	
Chlorobenzene	ug/L	<0.86	50	50	49.0	48.8	98	98	70-130	0	20	
Chloroethane	ug/L	<1.4	50	50	59.1	58.6	118	117	52-165	1	20	
Chloroform	ug/L	<1.2	50	50	50.3	50.5	101	101	80-123	0	20	
Chloromethane	ug/L	<1.6	50	50	51.9	54.3	104	109	42-125	4	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	47.9	47.0	96	94	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	46.2	45.3	92	91	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	44.9	46.1	90	92	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	39.7	38.4	79	77	25-121	3	20	
Ethylbenzene	ug/L	<0.33	50	50	49.9	50.2	100	100	80-121	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	48.9	49.5	98	99	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	42.1	41.8	84	84	70-130	1	20	
Methylene Chloride	ug/L	<0.32	50	50	57.6	56.8	115	114	70-130	1	20	
Styrene	ug/L	<0.36	50	50	49.8	50.3	100	101	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	45.1	45.7	90	91	70-130	1	20	
Toluene	ug/L	<0.29	50	50	48.8	49.6	98	99	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	49.4	49.5	99	99	70-130	0	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	45.6	45.7	91	91	70-130	0	20	
Trichloroethene	ug/L	<0.32	50	50	50.4	50.1	101	100	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	58.9	57.7	118	115	65-160	2	20	
Vinyl chloride	ug/L	<0.17	50	50	53.3	52.4	107	105	60-137	2	20	
Xylene (Total)	ug/L	<1.0	150	150	145	146	97	97	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						103	102	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430576 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253868044, 40253868046, 40253868048, 40253868049

METHOD BLANK: 2479615 Matrix: Water  
Associated Lab Samples: 40253868044, 40253868046, 40253868048, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/04/22 17:32	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/04/22 17:32	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/04/22 17:32	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/04/22 17:32	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/04/22 17:32	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/04/22 17:32	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/04/22 17:32	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/04/22 17:32	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/04/22 17:32	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/04/22 17:32	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/04/22 17:32	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/04/22 17:32	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/04/22 17:32	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/04/22 17:32	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/04/22 17:32	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/04/22 17:32	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/04/22 17:32	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/04/22 17:32	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/04/22 17:32	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/04/22 17:32	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/04/22 17:32	
2-Chlorotoluene	ug/L	<0.89	5.0	11/04/22 17:32	
4-Chlorotoluene	ug/L	<0.89	5.0	11/04/22 17:32	
Benzene	ug/L	<0.30	1.0	11/04/22 17:32	
Bromobenzene	ug/L	<0.36	1.0	11/04/22 17:32	
Bromochloromethane	ug/L	<0.36	5.0	11/04/22 17:32	
Bromodichloromethane	ug/L	<0.42	1.0	11/04/22 17:32	
Bromoform	ug/L	<3.8	5.0	11/04/22 17:32	
Bromomethane	ug/L	<1.2	5.0	11/04/22 17:32	
Carbon tetrachloride	ug/L	<0.37	1.0	11/04/22 17:32	
Chlorobenzene	ug/L	<0.86	1.0	11/04/22 17:32	
Chloroethane	ug/L	<1.4	5.0	11/04/22 17:32	
Chloroform	ug/L	<1.2	5.0	11/04/22 17:32	
Chloromethane	ug/L	<1.6	5.0	11/04/22 17:32	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/04/22 17:32	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/04/22 17:32	
Dibromochloromethane	ug/L	<2.6	5.0	11/04/22 17:32	
Dibromomethane	ug/L	<0.99	5.0	11/04/22 17:32	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/04/22 17:32	
Diisopropyl ether	ug/L	<1.1	5.0	11/04/22 17:32	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

METHOD BLANK: 2479615

Matrix: Water

Associated Lab Samples: 40253868044, 40253868046, 40253868048, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	11/04/22 17:32	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/04/22 17:32	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/04/22 17:32	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/04/22 17:32	
Methylene Chloride	ug/L	<0.32	5.0	11/04/22 17:32	
n-Butylbenzene	ug/L	<0.86	1.0	11/04/22 17:32	
n-Propylbenzene	ug/L	<0.35	1.0	11/04/22 17:32	
Naphthalene	ug/L	<1.1	5.0	11/04/22 17:32	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/04/22 17:32	
sec-Butylbenzene	ug/L	<0.42	1.0	11/04/22 17:32	
Styrene	ug/L	<0.36	1.0	11/04/22 17:32	
tert-Butylbenzene	ug/L	<0.59	1.0	11/04/22 17:32	
Tetrachloroethene	ug/L	<0.41	1.0	11/04/22 17:32	
Toluene	ug/L	<0.29	1.0	11/04/22 17:32	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/04/22 17:32	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/04/22 17:32	
Trichloroethene	ug/L	<0.32	1.0	11/04/22 17:32	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/04/22 17:32	
Vinyl chloride	ug/L	<0.17	1.0	11/04/22 17:32	
Xylene (Total)	ug/L	<1.0	3.0	11/04/22 17:32	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	11/04/22 17:32	
4-Bromofluorobenzene (S)	%	103	70-130	11/04/22 17:32	
Toluene-d8 (S)	%	109	70-130	11/04/22 17:32	

LABORATORY CONTROL SAMPLE: 2479616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.3	101	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	52.7	105	69-130	
1,1,2-Trichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethane	ug/L	50	50.1	100	70-130	
1,1-Dichloroethene	ug/L	50	57.4	115	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.3	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.3	87	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	70-130	
1,2-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dichloroethane	ug/L	50	49.0	98	70-137	
1,2-Dichloropropane	ug/L	50	49.6	99	80-121	
1,3-Dichlorobenzene	ug/L	50	53.2	106	70-130	
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
Benzene	ug/L	50	50.1	100	70-130	
Bromodichloromethane	ug/L	50	48.7	97	70-130	
Bromoform	ug/L	50	50.3	101	70-130	
Bromomethane	ug/L	50	44.3	89	21-147	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2479616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	51.2	102	80-146	
Chlorobenzene	ug/L	50	51.5	103	70-130	
Chloroethane	ug/L	50	53.5	107	52-165	
Chloroform	ug/L	50	49.6	99	80-123	
Chloromethane	ug/L	50	55.9	112	51-122	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.3	93	70-130	
Dibromochloromethane	ug/L	50	49.3	99	70-130	
Dichlorodifluoromethane	ug/L	50	43.5	87	25-121	
Ethylbenzene	ug/L	50	55.1	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.0	106	70-130	
Methyl-tert-butyl ether	ug/L	50	52.5	105	70-130	
Methylene Chloride	ug/L	50	54.7	109	70-130	
Styrene	ug/L	50	54.4	109	70-130	
Tetrachloroethene	ug/L	50	53.3	107	70-130	
Toluene	ug/L	50	52.8	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.8	104	70-130	
Trichloroethene	ug/L	50	49.1	98	70-130	
Trichlorofluoromethane	ug/L	50	58.2	116	65-160	
Vinyl chloride	ug/L	50	53.5	107	63-134	
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480349 2480350

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40254070002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50	49.7	49.9	99	100	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50	52.0	52.4	104	105	61-135	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50	52.1	52.8	104	106	70-130	1	20	
1,1-Dichloroethane	ug/L	0.94J	50	50	50	50.7	51.5	100	101	70-130	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50	56.8	57.3	114	115	71-130	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50	50.1	49.8	100	100	68-131	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50	45.0	42.3	90	85	51-141	6	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50	50.8	52.3	102	105	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50	53.0	51.6	106	103	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	50	48.1	49.7	96	99	70-137	3	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	50	49.4	50.0	99	100	80-121	1	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50	54.2	53.5	108	107	70-130	1	20	
1,4-Dichlorobenzene	ug/L	2.5	50	50	50	52.0	52.1	99	99	70-130	0	20	
Benzene	ug/L	2.1	50	50	50	52.0	51.8	100	99	70-130	0	20	

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480349		2480350		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40254070002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Bromodichloromethane	ug/L	<0.42	50	50	47.3	47.6	95	95	70-130	1	20	
Bromoform	ug/L	<3.8	50	50	49.4	51.8	99	104	70-133	5	20	
Bromomethane	ug/L	<1.2	50	50	49.7	50.4	99	101	21-149	1	22	
Carbon tetrachloride	ug/L	<0.37	50	50	51.6	51.7	103	103	80-146	0	20	
Chlorobenzene	ug/L	1.7	50	50	54.3	55.1	105	107	70-130	1	20	
Chloroethane	ug/L	1.4J	50	50	56.1	55.6	110	108	52-165	1	20	
Chloroform	ug/L	<1.2	50	50	50.2	50.4	100	101	80-123	0	20	
Chloromethane	ug/L	<1.6	50	50	58.0	57.7	116	115	42-125	1	20	
cis-1,2-Dichloroethene	ug/L	5.9	50	50	53.9	53.9	96	96	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	46.7	47.7	93	95	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	49.4	50.8	99	102	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	42.9	42.1	86	84	25-121	2	20	
Ethylbenzene	ug/L	<0.33	50	50	55.3	56.3	111	113	80-121	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.1	55.2	106	110	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	52.3	52.1	105	104	70-130	0	20	
Methylene Chloride	ug/L	<0.32	50	50	53.2	55.9	106	112	70-130	5	20	
Styrene	ug/L	<0.36	50	50	55.2	55.8	110	112	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	52.8	53.7	106	107	70-130	2	20	
Toluene	ug/L	<0.29	50	50	52.4	54.4	105	109	80-120	4	20	
trans-1,2-Dichloroethene	ug/L	1.8	50	50	56.0	53.8	108	104	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	50.6	50.9	101	102	70-130	0	20	
Trichloroethene	ug/L	2.2	50	50	50.7	51.9	97	99	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	57.9	58.0	116	116	65-160	0	20	
Vinyl chloride	ug/L	1.2	50	50	54.8	55.8	107	109	60-137	2	20	
Xylene (Total)	ug/L	<1.0	150	150	160	165	106	110	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						99	99	70-130			
4-Bromofluorobenzene (S)	%						101	99	70-130			
Toluene-d8 (S)	%						104	107	70-130			

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

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QC Batch:	430626	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868026, 40253868027, 40253868028, 40253868029, 40253868030, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868052

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METHOD BLANK: 2479998 Matrix: Water  
Associated Lab Samples: 40253868026, 40253868027, 40253868028, 40253868029, 40253868030, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/04/22 08:26	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/04/22 08:26	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/04/22 08:26	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/04/22 08:26	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/04/22 08:26	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/04/22 08:26	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/04/22 08:26	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/04/22 08:26	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/04/22 08:26	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/04/22 08:26	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/04/22 08:26	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/04/22 08:26	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/04/22 08:26	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/04/22 08:26	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/04/22 08:26	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/04/22 08:26	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/04/22 08:26	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/04/22 08:26	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/04/22 08:26	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/04/22 08:26	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/04/22 08:26	
2-Chlorotoluene	ug/L	<0.89	5.0	11/04/22 08:26	
4-Chlorotoluene	ug/L	<0.89	5.0	11/04/22 08:26	
Benzene	ug/L	<0.30	1.0	11/04/22 08:26	
Bromobenzene	ug/L	<0.36	1.0	11/04/22 08:26	
Bromochloromethane	ug/L	<0.36	5.0	11/04/22 08:26	
Bromodichloromethane	ug/L	<0.42	1.0	11/04/22 08:26	
Bromoform	ug/L	<3.8	5.0	11/04/22 08:26	
Bromomethane	ug/L	<1.2	5.0	11/04/22 08:26	
Carbon tetrachloride	ug/L	<0.37	1.0	11/04/22 08:26	
Chlorobenzene	ug/L	<0.86	1.0	11/04/22 08:26	
Chloroethane	ug/L	<1.4	5.0	11/04/22 08:26	
Chloroform	ug/L	<1.2	5.0	11/04/22 08:26	
Chloromethane	ug/L	<1.6	5.0	11/04/22 08:26	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/04/22 08:26	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/04/22 08:26	
Dibromochloromethane	ug/L	<2.6	5.0	11/04/22 08:26	
Dibromomethane	ug/L	<0.99	5.0	11/04/22 08:26	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/04/22 08:26	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

METHOD BLANK: 2479998

Matrix: Water

Associated Lab Samples: 40253868026, 40253868027, 40253868028, 40253868029, 40253868030, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868052

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	11/04/22 08:26	
Ethylbenzene	ug/L	<0.33	1.0	11/04/22 08:26	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/04/22 08:26	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/04/22 08:26	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/04/22 08:26	
Methylene Chloride	ug/L	<0.32	5.0	11/04/22 08:26	
n-Butylbenzene	ug/L	<0.86	1.0	11/04/22 08:26	
n-Propylbenzene	ug/L	<0.35	1.0	11/04/22 08:26	
Naphthalene	ug/L	<1.1	5.0	11/04/22 08:26	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/04/22 08:26	
sec-Butylbenzene	ug/L	<0.42	1.0	11/04/22 08:26	
Styrene	ug/L	<0.36	1.0	11/04/22 08:26	
tert-Butylbenzene	ug/L	<0.59	1.0	11/04/22 08:26	
Tetrachloroethene	ug/L	<0.41	1.0	11/04/22 08:26	
Toluene	ug/L	<0.29	1.0	11/04/22 08:26	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/04/22 08:26	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/04/22 08:26	
Trichloroethene	ug/L	<0.32	1.0	11/04/22 08:26	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/04/22 08:26	
Vinyl chloride	ug/L	<0.17	1.0	11/04/22 08:26	
Xylene (Total)	ug/L	<1.0	3.0	11/04/22 08:26	
1,2-Dichlorobenzene-d4 (S)	%	105	70-130	11/04/22 08:26	
4-Bromofluorobenzene (S)	%	108	70-130	11/04/22 08:26	
Toluene-d8 (S)	%	104	70-130	11/04/22 08:26	

LABORATORY CONTROL SAMPLE: 2479999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.1	96	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	54.0	108	69-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	51.2	102	70-130	
1,1-Dichloroethene	ug/L	50	56.1	112	74-131	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.3	87	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.0	96	70-130	
1,2-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,2-Dichloroethane	ug/L	50	47.9	96	70-137	
1,2-Dichloropropane	ug/L	50	51.9	104	80-121	
1,3-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	50.6	101	70-130	
Bromodichloromethane	ug/L	50	49.9	100	70-130	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2479999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	45.4	91	70-130	
Bromomethane	ug/L	50	39.7	79	21-147	
Carbon tetrachloride	ug/L	50	47.1	94	80-146	
Chlorobenzene	ug/L	50	51.8	104	70-130	
Chloroethane	ug/L	50	56.9	114	52-165	
Chloroform	ug/L	50	48.4	97	80-123	
Chloromethane	ug/L	50	41.2	82	51-122	
cis-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Dibromochloromethane	ug/L	50	45.9	92	70-130	
Dichlorodifluoromethane	ug/L	50	22.2	44	25-121	
Ethylbenzene	ug/L	50	56.1	112	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.8	110	70-130	
Methyl-tert-butyl ether	ug/L	50	29.9	60	70-130	L2
Methylene Chloride	ug/L	50	58.0	116	70-130	
Styrene	ug/L	50	49.5	99	70-130	
Tetrachloroethene	ug/L	50	47.2	94	70-130	
Toluene	ug/L	50	51.4	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	30.7	61	70-130	L2
trans-1,3-Dichloropropene	ug/L	50	46.5	93	70-130	
Trichloroethene	ug/L	50	50.9	102	70-130	
Trichlorofluoromethane	ug/L	50	55.0	110	65-160	
Vinyl chloride	ug/L	50	45.1	90	63-134	
Xylene (Total)	ug/L	150	161	107	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480061 2480062

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253835006	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.5	49.5	101	99	70-134	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	54.0	53.9	108	108	61-135	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.5	52.8	103	106	70-130	3	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.5	51.8	105	104	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	55.8	45.7	112	91	71-130	20	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	52.9	53.2	106	106	68-131	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	45.5	44.7	91	89	51-141	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.6	49.0	103	98	70-130	5	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	54.8	53.0	110	106	70-130	3	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	48.5	47.8	97	96	70-137	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	55.3	52.7	111	105	80-121	5	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.7	52.0	107	104	70-130	3	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480061		2480062		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253835006 Result	MS Spike Conc.	MSD Spike Conc.									
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.9	51.4	106	103	70-130	3	20		
Benzene	ug/L	<0.30	50	50	51.6	50.9	103	102	70-130	2	20		
Bromodichloromethane	ug/L	<0.42	50	50	53.2	51.7	106	103	70-130	3	20		
Bromoform	ug/L	<3.8	50	50	47.4	46.5	95	93	70-133	2	20		
Bromomethane	ug/L	<1.2	50	50	40.2	34.3	80	69	21-149	16	22		
Carbon tetrachloride	ug/L	<0.37	50	50	48.9	48.2	98	96	80-146	1	20		
Chlorobenzene	ug/L	<0.86	50	50	55.0	52.0	110	104	70-130	6	20		
Chloroethane	ug/L	<1.4	50	50	53.3	40.5	107	81	52-165	27	20	R1	
Chloroform	ug/L	<1.2	50	50	49.6	48.8	99	98	80-123	2	20		
Chloromethane	ug/L	<1.6	50	50	28.9	29.5	58	59	42-125	2	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.0	50.3	102	101	70-130	1	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	49.8	49.2	100	98	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	47.4	47.8	95	96	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	11.7	11.4	23	23	25-121	2	20	M1	
Ethylbenzene	ug/L	<0.33	50	50	58.0	56.2	116	112	80-121	3	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	58.7	57.4	117	115	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	31.4	49.3	63	99	70-130	44	20	M0,R1	
Methylene Chloride	ug/L	<0.32	50	50	57.5	51.2	115	102	70-130	12	20		
Styrene	ug/L	<0.36	50	50	47.5	46.2	95	92	70-132	3	20		
Tetrachloroethene	ug/L	<0.41	50	50	50.1	46.6	100	93	70-130	7	20		
Toluene	ug/L	<0.29	50	50	53.6	51.2	107	102	80-120	5	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	32.6	51.0	65	102	70-130	44	20	M0,R1	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	48.3	46.4	97	93	70-130	4	20		
Trichloroethene	ug/L	<0.32	50	50	51.3	50.5	103	101	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	52.2	44.5	104	89	65-160	16	20		
Vinyl chloride	ug/L	<0.17	50	50	36.6	32.6	73	65	60-137	12	20		
Xylene (Total)	ug/L	<1.0	150	150	166	163	111	109	70-130	2	20		
1,2-Dichlorobenzene-d4 (S)	%						105	103	70-130				
4-Bromofluorobenzene (S)	%						110	112	70-130				
Toluene-d8 (S)	%						100	99	70-130				

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430630	Analysis Method: EPA 8260
QC Batch Method: EPA 8260	Analysis Description: 8260 MSV
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868004, 40253868020

METHOD BLANK: 2480006 Matrix: Water

Associated Lab Samples: 40253868004, 40253868020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/04/22 17:04	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/04/22 17:04	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/04/22 17:04	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/04/22 17:04	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/04/22 17:04	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/04/22 17:04	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/04/22 17:04	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/04/22 17:04	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/04/22 17:04	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/04/22 17:04	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/04/22 17:04	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/04/22 17:04	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/04/22 17:04	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/04/22 17:04	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/04/22 17:04	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/04/22 17:04	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/04/22 17:04	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/04/22 17:04	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/04/22 17:04	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/04/22 17:04	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/04/22 17:04	
2-Chlorotoluene	ug/L	<0.89	5.0	11/04/22 17:04	
4-Chlorotoluene	ug/L	<0.89	5.0	11/04/22 17:04	
Benzene	ug/L	<0.30	1.0	11/04/22 17:04	
Bromobenzene	ug/L	<0.36	1.0	11/04/22 17:04	
Bromochloromethane	ug/L	<0.36	5.0	11/04/22 17:04	
Bromodichloromethane	ug/L	<0.42	1.0	11/04/22 17:04	
Bromoform	ug/L	<3.8	5.0	11/04/22 17:04	
Bromomethane	ug/L	<1.2	5.0	11/04/22 17:04	
Carbon tetrachloride	ug/L	<0.37	1.0	11/04/22 17:04	
Chlorobenzene	ug/L	<0.86	1.0	11/04/22 17:04	
Chloroethane	ug/L	<1.4	5.0	11/04/22 17:04	
Chloroform	ug/L	<1.2	5.0	11/04/22 17:04	
Chloromethane	ug/L	<1.6	5.0	11/04/22 17:04	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/04/22 17:04	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/04/22 17:04	
Dibromochloromethane	ug/L	<2.6	5.0	11/04/22 17:04	
Dibromomethane	ug/L	<0.99	5.0	11/04/22 17:04	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/04/22 17:04	
Diisopropyl ether	ug/L	<1.1	5.0	11/04/22 17:04	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40253868

METHOD BLANK: 2480006

Matrix: Water

Associated Lab Samples: 40253868004, 40253868020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	11/04/22 17:04	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/04/22 17:04	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/04/22 17:04	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/04/22 17:04	
Methylene Chloride	ug/L	<0.32	5.0	11/04/22 17:04	
n-Butylbenzene	ug/L	<0.86	1.0	11/04/22 17:04	
n-Propylbenzene	ug/L	<0.35	1.0	11/04/22 17:04	
Naphthalene	ug/L	<1.1	5.0	11/04/22 17:04	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/04/22 17:04	
sec-Butylbenzene	ug/L	<0.42	1.0	11/04/22 17:04	
Styrene	ug/L	<0.36	1.0	11/04/22 17:04	
tert-Butylbenzene	ug/L	<0.59	1.0	11/04/22 17:04	
Tetrachloroethene	ug/L	<0.41	1.0	11/04/22 17:04	
Toluene	ug/L	<0.29	1.0	11/04/22 17:04	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/04/22 17:04	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/04/22 17:04	
Trichloroethene	ug/L	<0.32	1.0	11/04/22 17:04	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/04/22 17:04	
Vinyl chloride	ug/L	<0.17	1.0	11/04/22 17:04	
Xylene (Total)	ug/L	<1.0	3.0	11/04/22 17:04	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	11/04/22 17:04	
4-Bromofluorobenzene (S)	%	105	70-130	11/04/22 17:04	
Toluene-d8 (S)	%	102	70-130	11/04/22 17:04	

LABORATORY CONTROL SAMPLE: 2480007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.5	109	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	69-130	
1,1,2-Trichloroethane	ug/L	50	53.2	106	70-130	
1,1-Dichloroethane	ug/L	50	54.6	109	70-130	
1,1-Dichloroethene	ug/L	50	56.5	113	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.6	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.9	90	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	70-130	
1,2-Dichlorobenzene	ug/L	50	52.8	106	70-130	
1,2-Dichloroethane	ug/L	50	53.8	108	70-137	
1,2-Dichloropropane	ug/L	50	54.2	108	80-121	
1,3-Dichlorobenzene	ug/L	50	51.5	103	70-130	
1,4-Dichlorobenzene	ug/L	50	49.4	99	70-130	
Benzene	ug/L	50	55.4	111	70-130	
Bromodichloromethane	ug/L	50	52.6	105	70-130	
Bromoform	ug/L	50	48.0	96	70-130	
Bromomethane	ug/L	50	42.8	86	21-147	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

LABORATORY CONTROL SAMPLE: 2480007

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	54.3	109	80-146	
Chlorobenzene	ug/L	50	53.0	106	70-130	
Chloroethane	ug/L	50	51.9	104	52-165	
Chloroform	ug/L	50	54.3	109	80-123	
Chloromethane	ug/L	50	51.4	103	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.1	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dichlorodifluoromethane	ug/L	50	46.2	92	25-121	
Ethylbenzene	ug/L	50	57.7	115	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.6	115	70-130	
Methyl-tert-butyl ether	ug/L	50	49.5	99	70-130	
Methylene Chloride	ug/L	50	54.2	108	70-130	
Styrene	ug/L	50	56.5	113	70-130	
Tetrachloroethene	ug/L	50	54.5	109	70-130	
Toluene	ug/L	50	55.5	111	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.8	112	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.7	89	70-130	
Trichloroethene	ug/L	50	52.5	105	70-130	
Trichlorofluoromethane	ug/L	50	57.5	115	65-160	
Vinyl chloride	ug/L	50	49.9	100	63-134	
Xylene (Total)	ug/L	150	168	112	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: 2480358 2480359

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253847003 Result	Spike Conc.	Spike Conc.	MSD Result								
1,1,1-Trichloroethane	ug/L	<6.1	1000	1000	1080	1100	108	110	70-134	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<7.6	1000	1000	1090	1110	109	111	61-135	1	20		
1,1,2-Trichloroethane	ug/L	<6.9	1000	1000	1070	1080	107	108	70-130	1	20		
1,1-Dichloroethane	ug/L	<5.9	1000	1000	1100	1080	110	108	70-130	1	20		
1,1-Dichloroethene	ug/L	<11.6	1000	1000	1160	1130	116	113	71-130	3	20		
1,2,4-Trichlorobenzene	ug/L	<19.0	1000	1000	933	964	93	96	68-131	3	20		
1,2-Dibromo-3-chloropropane	ug/L	<47.3	1000	1000	965	967	96	97	51-141	0	20		
1,2-Dibromoethane (EDB)	ug/L	<6.2	1000	1000	962	980	96	98	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<6.5	1000	1000	1070	1090	107	109	70-130	2	20		
1,2-Dichloroethane	ug/L	<5.8	1000	1000	1060	1060	106	106	70-137	0	20		
1,2-Dichloropropane	ug/L	<9.0	1000	1000	1070	1130	107	113	80-121	5	20		
1,3-Dichlorobenzene	ug/L	<7.0	1000	1000	1080	1110	108	111	70-130	3	20		
1,4-Dichlorobenzene	ug/L	<17.8	1000	1000	999	1020	100	102	70-130	2	20		
Benzene	ug/L	<5.9	1000	1000	1110	1110	111	111	70-130	0	20		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480358		2480359		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253847003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Bromodichloromethane	ug/L	<8.3	1000	1000	1050	1050	105	105	70-130	1	20		
Bromoform	ug/L	<76.0	1000	1000	959	962	96	96	70-133	0	20		
Bromomethane	ug/L	<23.8	1000	1000	985	985	98	99	21-149	0	22		
Carbon tetrachloride	ug/L	<7.4	1000	1000	1100	1080	110	108	80-146	2	20		
Chlorobenzene	ug/L	<17.1	1000	1000	1060	1070	106	107	70-130	0	20		
Chloroethane	ug/L	<27.6	1000	1000	1050	1050	105	105	52-165	0	20		
Chloroform	ug/L	<23.7	1000	1000	1110	1070	111	107	80-123	3	20		
Chloromethane	ug/L	<32.7	1000	1000	1030	1030	103	103	42-125	0	20		
cis-1,2-Dichloroethene	ug/L	<9.4	1000	1000	1050	1010	105	101	70-130	4	20		
cis-1,3-Dichloropropene	ug/L	<7.2	1000	1000	1060	1020	106	102	70-130	3	20		
Dibromochloromethane	ug/L	<52.9	1000	1000	1070	1050	107	105	70-130	2	20		
Dichlorodifluoromethane	ug/L	<9.1	1000	1000	915	876	92	88	25-121	4	20		
Ethylbenzene	ug/L	<6.5	1000	1000	1170	1180	117	118	80-121	1	20		
Isopropylbenzene (Cumene)	ug/L	<20.0	1000	1000	1170	1180	117	118	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<22.6	1000	1000	1020	993	102	99	70-130	3	20		
Methylene Chloride	ug/L	<6.4	1000	1000	1090	1120	109	112	70-130	2	20		
Styrene	ug/L	<7.1	1000	1000	1130	1140	113	114	70-132	1	20		
Tetrachloroethene	ug/L	1220	1000	1000	2360	2360	114	114	70-130	0	20		
Toluene	ug/L	<5.8	1000	1000	1130	1120	113	112	80-120	0	20		
trans-1,2-Dichloroethene	ug/L	<10.6	1000	1000	1120	1100	112	110	70-130	2	20		
trans-1,3-Dichloropropene	ug/L	<69.2	1000	1000	907	940	91	94	70-130	3	20		
Trichloroethene	ug/L	17.6J	1000	1000	1100	1110	108	109	70-130	1	20		
Trichlorofluoromethane	ug/L	<8.4	1000	1000	1160	1150	116	115	65-160	1	20		
Vinyl chloride	ug/L	<3.5	1000	1000	1010	1000	101	100	60-137	1	20		
Xylene (Total)	ug/L	<21.0	3000	3000	3370	3440	112	115	70-130	2	20		
1,2-Dichlorobenzene-d4 (S)	%						98	102	70-130				
4-Bromofluorobenzene (S)	%						101	105	70-130				
Toluene-d8 (S)	%						104	103	70-130				

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**QUALITY CONTROL DATA**

Project: 60682984 KEP

Pace Project No.: 40253868

QC Batch: 430411

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: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041

METHOD BLANK: 2478662

Matrix: Water

Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	11/02/22 13:12	

LABORATORY CONTROL SAMPLE: 2478663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	48.4	45.6	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478664 2478665

Parameter	Units	2478664		2478665		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Sulfide	mg/L	<1.2	48.4	48.4	46.8	46.0	97	95	80-120	2	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430523 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: 40253868042, 40253868046, 40253868047, 40253868049

METHOD BLANK: 2479310 Matrix: Water  
Associated Lab Samples: 40253868042, 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	11/03/22 13:16	

LABORATORY CONTROL SAMPLE: 2479311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46	44.0	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2479312 2479313

Parameter	Units	2479312		2479313		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253868042	MS Spike Conc.	MSD Spike Conc.	MS Result						
Sulfide	mg/L	<1.2	46	46	42.8	42.0	93	91	80-120	2	10

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430681	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: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040

METHOD BLANK: 2480328 Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	11/07/22 22:51	
Sulfate	mg/L	<0.44	2.0	11/07/22 22:51	

LABORATORY CONTROL SAMPLE: 2480329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.6	103	90-110	
Sulfate	mg/L	20	21.1	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480330 2480331

Parameter	Units	40253844001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	MSD % Rec					
Chloride	mg/L	91.5	100	100	190	190	99	99	90-110	0	15		
Sulfate	mg/L	14.3	100	100	122	120	108	106	90-110	2	15		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480332 2480333

Parameter	Units	40253868040		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result	MSD Result	% Rec	MSD % Rec					
Chloride	mg/L	331	200	200	510	504	90	87	90-110	1	15	M0	
Sulfate	mg/L	<4.4	200	200	216	213	108	106	90-110	2	15		

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430683      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: 40253868041, 40253868042, 40253868046, 40253868047, 40253868049

METHOD BLANK: 2480351      Matrix: Water  
Associated Lab Samples: 40253868041, 40253868042, 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	11/10/22 11:43	
Sulfate	mg/L	<0.44	2.0	11/10/22 11:43	

LABORATORY CONTROL SAMPLE: 2480352

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2480353      2480354

Parameter	Units	40253868041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	70.9	200	200	274	285	101	107	90-110	4	15	
Sulfate	mg/L	330	200	200	494	509	82	89	90-110	3	15	M0

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430455 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: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019

METHOD BLANK: 2478980 Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	11/03/22 14:58	

LABORATORY CONTROL SAMPLE: 2478981

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478982 2478983

Parameter	Units	40253790002		40253790002		40253790002		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.	MS % Rec	MSD % Rec				
Alkalinity, Total as CaCO3	mg/L	345	200	200	576	568	116	112	90-110	1	20 M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478984 2478985

Parameter	Units	40253868019		40253868019		40253868019		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.	MS % Rec	MSD % Rec				
Alkalinity, Total as CaCO3	mg/L	139	500	500	696	760	112	124	90-110	9	20 M0

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430456	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:	40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042, 40253868046, 40253868047, 40253868049		

METHOD BLANK: 2478990 Matrix: Water  
Associated Lab Samples: 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042, 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	11/03/22 13:54	

LABORATORY CONTROL SAMPLE: 2478991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	108	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478992 2478993

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253868037	Spike Conc.	Spike Conc.	Result								
Alkalinity, Total as CaCO3	mg/L	535	500	500	1120	1200	116	134	90-110	8	20	M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478994 2478995

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253891004	Spike Conc.	Spike Conc.	Result								
Alkalinity, Total as CaCO3	mg/L	358	200	200	574	583	108	112	90-110	2	20	M0	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch: 430823      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: 40253868013, 40253868014, 40253868016

METHOD BLANK: 2480998      Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	11/08/22 06:50	

LABORATORY CONTROL SAMPLE: 2480999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	505	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481000      2481001

Parameter	Units	40253806001		2481001		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Chemical Oxygen Demand	mg/L	94.6	526	655	650	106	106	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481002      2481003

Parameter	Units	40253868014		2481003		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Chemical Oxygen Demand	mg/L	74.5	526	626	628	105	105	90-110	0	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430956	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:	40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042, 40253868046, 40253868047, 40253868049		

METHOD BLANK: 2481671 Matrix: Water  
Associated Lab Samples: 40253868017, 40253868019, 40253868020, 40253868021, 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042, 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	11/09/22 09:00	

LABORATORY CONTROL SAMPLE: 2481672

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	510	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481673 2481674

Parameter	Units	40253868032 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	554	552	104	103	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481675 2481676

Parameter	Units	40253868033 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	21.0J	526	526	548	552	100	101	90-110	1	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430237	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021

METHOD BLANK: 2477769 Matrix: Water  
Associated Lab Samples: 40253868013, 40253868014, 40253868016, 40253868017, 40253868019, 40253868020, 40253868021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	11/04/22 15:22	

LABORATORY CONTROL SAMPLE: 2477770

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.1	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477771 2477772

Parameter	Units	40253684001		40253684002		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result								
Total Organic Carbon	mg/L	5.9	6	6	6	11.5	11.5	93	94	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477773 2477774

Parameter	Units	40253684002		40253684001		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	Result								
Total Organic Carbon	mg/L	3.3	6	6	6	9.2	9.2	98	98	80-120	0	10	

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### QUALITY CONTROL DATA

Project: 60682984 KEP  
Pace Project No.: 40253868

QC Batch:	430825	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042, 40253868046, 40253868047, 40253868049

METHOD BLANK: 2481010 Matrix: Water  
Associated Lab Samples: 40253868023, 40253868025, 40253868032, 40253868033, 40253868034, 40253868035, 40253868036, 40253868037, 40253868038, 40253868039, 40253868040, 40253868041, 40253868042, 40253868046, 40253868047, 40253868049

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	11/09/22 04:08	

LABORATORY CONTROL SAMPLE: 2481011

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481012 2481013

Parameter	Units	40253868032 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	3.0	12	12	14.5	14.4	96	95	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2481014 2481015

Parameter	Units	40253868033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.3	6	6	8.0	8.2	94	97	80-120	2	10	

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## QUALIFIERS

Project: 60682984 KEP  
Pace Project No.: 40253868

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### WORKORDER QUALIFIERS

WO: 40253868

[1] Revised report to include missing Vinyl chloride result for three samples due to lab error. 12/5/22 CDH

### ANALYTE QUALIFIERS

1q Analyte recovery in the continuing calibration verification (CCV) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

2q Sample was received with head space.

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.

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

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.

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

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

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

R1 RPD value was outside control limits.

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253868013	MW-2301	EPA 8015B Modified	430341		
40253868014	MW-2301D	EPA 8015B Modified	430341		
40253868016	MW-2201	EPA 8015B Modified	430341		
40253868017	MW-2201D	EPA 8015B Modified	430341		
40253868019	PZ-2301	EPA 8015B Modified	430341		
40253868020	PZ-2301D	EPA 8015B Modified	430341		
40253868021	MW-31	EPA 8015B Modified	430341		
40253868023	MW-2303	EPA 8015B Modified	430341		
40253868025	PZ-2303	EPA 8015B Modified	430341		
40253868032	MW-2110	EPA 8015B Modified	430341		
40253868033	PZ-2110	EPA 8015B Modified	430341		
40253868034	PZ-2103	EPA 8015B Modified	430341		
40253868035	PZ-2103D	EPA 8015B Modified	430341		
40253868036	MW-2102	EPA 8015B Modified	430341		
40253868037	MW-2113	EPA 8015B Modified	430341		
40253868038	MW-2103	EPA 8015B Modified	430341		
40253868039	MW-2103D	EPA 8015B Modified	430341		
40253868040	PZ-2113	EPA 8015B Modified	430341		
40253868041	MW-2112	EPA 8015B Modified	430341		
40253868042	MW-2106	EPA 8015B Modified	430341		
40253868043	PZ-2112	EPA 8015B Modified	430921		
40253868044	MW-2107	EPA 8015B Modified	430921		
40253868045	PZ-2107	EPA 8015B Modified	430921		
40253868046	MW-61	EPA 8015B Modified	430921		
40253868047	MW-61D	EPA 8015B Modified	430921		
40253868048	MW-2101	EPA 8015B Modified	430921		
40253868049	PZ-61	EPA 8015B Modified	430921		
40253868050	PZ-2101	EPA 8015B Modified	430921		
40253868051	MW-2111	EPA 8015B Modified	430921		
40253868052	PZ-2111	EPA 8015B Modified	430921		
40253868013	MW-2301	EPA 3010A	431616	EPA 6020B	431685
40253868014	MW-2301D	EPA 3010A	431616	EPA 6020B	431685
40253868016	MW-2201	EPA 3010A	431616	EPA 6020B	431685
40253868017	MW-2201D	EPA 3010A	431616	EPA 6020B	431685
40253868019	PZ-2301	EPA 3010A	431616	EPA 6020B	431685
40253868020	PZ-2301D	EPA 3010A	431616	EPA 6020B	431685
40253868021	MW-31	EPA 3010A	431616	EPA 6020B	431685
40253868023	MW-2303	EPA 3010A	431616	EPA 6020B	431685
40253868025	PZ-2303	EPA 3010A	431616	EPA 6020B	431685
40253868032	MW-2110	EPA 3010A	431616	EPA 6020B	431685
40253868033	PZ-2110	EPA 3010A	431616	EPA 6020B	431685
40253868034	PZ-2103	EPA 3010A	431616	EPA 6020B	431685
40253868035	PZ-2103D	EPA 3010A	431616	EPA 6020B	431685
40253868036	MW-2102	EPA 3010A	431616	EPA 6020B	431685
40253868037	MW-2113	EPA 3010A	431616	EPA 6020B	431685
40253868038	MW-2103	EPA 3010A	431616	EPA 6020B	431685
40253868039	MW-2103D	EPA 3010A	431616	EPA 6020B	431685
40253868040	PZ-2113	EPA 3010A	431616	EPA 6020B	431685

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253868041	MW-2112	EPA 3010A	431616	EPA 6020B	431685
40253868042	MW-2106	EPA 3010A	431616	EPA 6020B	431685
40253868046	MW-61	EPA 3010A	431621	EPA 6020B	431687
40253868047	MW-61D	EPA 3010A	431621	EPA 6020B	431687
40253868049	PZ-61	EPA 3010A	431621	EPA 6020B	431687
40253868013	MW-2301	EPA 3010A	431615	EPA 6020B	431684
40253868014	MW-2301D	EPA 3010A	431615	EPA 6020B	431684
40253868016	MW-2201	EPA 3010A	431615	EPA 6020B	431684
40253868017	MW-2201D	EPA 3010A	431615	EPA 6020B	431684
40253868019	PZ-2301	EPA 3010A	431615	EPA 6020B	431684
40253868020	PZ-2301D	EPA 3010A	431615	EPA 6020B	431684
40253868021	MW-31	EPA 3010A	431615	EPA 6020B	431684
40253868023	MW-2303	EPA 3010A	431615	EPA 6020B	431684
40253868025	PZ-2303	EPA 3010A	431615	EPA 6020B	431684
40253868032	MW-2110	EPA 3010A	431615	EPA 6020B	431684
40253868033	PZ-2110	EPA 3010A	431615	EPA 6020B	431684
40253868034	PZ-2103	EPA 3010A	431615	EPA 6020B	431684
40253868035	PZ-2103D	EPA 3010A	431615	EPA 6020B	431684
40253868036	MW-2102	EPA 3010A	431615	EPA 6020B	431684
40253868037	MW-2113	EPA 3010A	431615	EPA 6020B	431684
40253868038	MW-2103	EPA 3010A	431615	EPA 6020B	431684
40253868039	MW-2103D	EPA 3010A	431615	EPA 6020B	431684
40253868040	PZ-2113	EPA 3010A	431615	EPA 6020B	431684
40253868041	MW-2112	EPA 3010A	431615	EPA 6020B	431684
40253868042	MW-2106	EPA 3010A	431615	EPA 6020B	431684
40253868046	MW-61	EPA 3010A	431619	EPA 6020B	431686
40253868047	MW-61D	EPA 3010A	431619	EPA 6020B	431686
40253868049	PZ-61	EPA 3010A	431619	EPA 6020B	431686
40253868001	TB-02	EPA 8260	430199		
40253868002	MW-112	EPA 8260	430199		
40253868003	MW-2302	EPA 8260	430199		
40253868004	MW-2303	EPA 8260	430630		
40253868005	PZ-2203	EPA 8260	430199		
40253868006	MW-116	EPA 8260	430199		
40253868007	PZ-2302	EPA 8260	430199		
40253868008	MW-2202	EPA 8260	430199		
40253868009	PZ-116	EPA 8260	430199		
40253868010	PZ-116D	EPA 8260	430199		
40253868011	MW-115	EPA 8260	430199		
40253868012	PZ-2202	EPA 8260	430199		
40253868013	MW-2301	EPA 8260	430199		
40253868014	MW-2301D	EPA 8260	430199		
40253868015	MW-114	EPA 8260	430199		
40253868016	MW-2201	EPA 8260	430199		
40253868017	MW-2201D	EPA 8260	430199		
40253868018	PZ-118	EPA 8260	430199		

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253868019	PZ-2301	EPA 8260	430199		
40253868020	PZ-2301D	EPA 8260	430630		
40253868021	MW-31	EPA 8260	430201		
40253868022	MW-113	EPA 8260	430201		
40253868023	MW-2303	EPA 8260	430201		
40253868024	MW-2109	EPA 8260	430201		
40253868025	PZ-2303	EPA 8260	430201		
40253868026	PZ-2109	EPA 8260	430626		
40253868027	MW-69R	EPA 8260	430626		
40253868028	MW-71R	EPA 8260	430626		
40253868029	PZ-69R	EPA 8260	430626		
40253868030	MW-70R	EPA 8260	430626		
40253868031	TB-03	EPA 8260	430201		
40253868032	MW-2110	EPA 8260	430201		
40253868033	PZ-2110	EPA 8260	430626		
40253868034	PZ-2103	EPA 8260	430626		
40253868035	PZ-2103D	EPA 8260	430626		
40253868036	MW-2102	EPA 8260	430626		
40253868037	MW-2113	EPA 8260	430201		
40253868037	MW-2113	EPA 8260	430626		
40253868038	MW-2103	EPA 8260	430201		
40253868038	MW-2103	EPA 8260	430626		
40253868039	MW-2103D	EPA 8260	430201		
40253868039	MW-2103D	EPA 8260	430626		
40253868040	PZ-2113	EPA 8260	430626		
40253868041	MW-2112	EPA 8260	430348		
40253868042	MW-2106	EPA 8260	430348		
40253868043	PZ-2112	EPA 8260	430348		
40253868044	MW-2107	EPA 8260	430576		
40253868045	PZ-2107	EPA 8260	430348		
40253868046	MW-61	EPA 8260	430576		
40253868047	MW-61D	EPA 8260	430348		
40253868048	MW-2101	EPA 8260	430576		
40253868049	PZ-61	EPA 8260	430576		
40253868050	PZ-2101	EPA 8260	430348		
40253868051	MW-2111	EPA 8260	430349		
40253868052	PZ-2111	EPA 8260	430626		
40253868013	MW-2301	SM 4500-S F (2000)	430411		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253868014	MW-2301D	SM 4500-S F (2000)	430411		
40253868016	MW-2201	SM 4500-S F (2000)	430411		
40253868017	MW-2201D	SM 4500-S F (2000)	430411		
40253868019	PZ-2301	SM 4500-S F (2000)	430411		
40253868020	PZ-2301D	SM 4500-S F (2000)	430411		
40253868021	MW-31	SM 4500-S F (2000)	430411		
40253868023	MW-2303	SM 4500-S F (2000)	430411		
40253868025	PZ-2303	SM 4500-S F (2000)	430411		
40253868032	MW-2110	SM 4500-S F (2000)	430411		
40253868033	PZ-2110	SM 4500-S F (2000)	430411		
40253868034	PZ-2103	SM 4500-S F (2000)	430411		
40253868035	PZ-2103D	SM 4500-S F (2000)	430411		
40253868036	MW-2102	SM 4500-S F (2000)	430411		
40253868037	MW-2113	SM 4500-S F (2000)	430411		
40253868038	MW-2103	SM 4500-S F (2000)	430411		
40253868039	MW-2103D	SM 4500-S F (2000)	430411		
40253868040	PZ-2113	SM 4500-S F (2000)	430411		
40253868041	MW-2112	SM 4500-S F (2000)	430411		
40253868042	MW-2106	SM 4500-S F (2000)	430523		
40253868046	MW-61	SM 4500-S F (2000)	430523		
40253868047	MW-61D	SM 4500-S F (2000)	430523		
40253868049	PZ-61	SM 4500-S F (2000)	430523		
40253868013	MW-2301	EPA 300.0	430681		
40253868014	MW-2301D	EPA 300.0	430681		
40253868016	MW-2201	EPA 300.0	430681		
40253868017	MW-2201D	EPA 300.0	430681		
40253868019	PZ-2301	EPA 300.0	430681		
40253868020	PZ-2301D	EPA 300.0	430681		
40253868021	MW-31	EPA 300.0	430681		
40253868023	MW-2303	EPA 300.0	430681		
40253868025	PZ-2303	EPA 300.0	430681		
40253868032	MW-2110	EPA 300.0	430681		
40253868033	PZ-2110	EPA 300.0	430681		
40253868034	PZ-2103	EPA 300.0	430681		
40253868035	PZ-2103D	EPA 300.0	430681		
40253868036	MW-2102	EPA 300.0	430681		
40253868037	MW-2113	EPA 300.0	430681		
40253868038	MW-2103	EPA 300.0	430681		
40253868039	MW-2103D	EPA 300.0	430681		
40253868040	PZ-2113	EPA 300.0	430681		
40253868041	MW-2112	EPA 300.0	430683		
40253868042	MW-2106	EPA 300.0	430683		
40253868046	MW-61	EPA 300.0	430683		
40253868047	MW-61D	EPA 300.0	430683		
40253868049	PZ-61	EPA 300.0	430683		
40253868013	MW-2301	EPA 310.2	430455		
40253868014	MW-2301D	EPA 310.2	430455		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253868016	MW-2201	EPA 310.2	430455		
40253868017	MW-2201D	EPA 310.2	430455		
40253868019	PZ-2301	EPA 310.2	430455		
40253868020	PZ-2301D	EPA 310.2	430456		
40253868021	MW-31	EPA 310.2	430456		
40253868023	MW-2303	EPA 310.2	430456		
40253868025	PZ-2303	EPA 310.2	430456		
40253868032	MW-2110	EPA 310.2	430456		
40253868033	PZ-2110	EPA 310.2	430456		
40253868034	PZ-2103	EPA 310.2	430456		
40253868035	PZ-2103D	EPA 310.2	430456		
40253868036	MW-2102	EPA 310.2	430456		
40253868037	MW-2113	EPA 310.2	430456		
40253868038	MW-2103	EPA 310.2	430456		
40253868039	MW-2103D	EPA 310.2	430456		
40253868040	PZ-2113	EPA 310.2	430456		
40253868041	MW-2112	EPA 310.2	430456		
40253868042	MW-2106	EPA 310.2	430456		
40253868046	MW-61	EPA 310.2	430456		
40253868047	MW-61D	EPA 310.2	430456		
40253868049	PZ-61	EPA 310.2	430456		
40253868013	MW-2301	EPA 410.4	430823	EPA 410.4	430831
40253868014	MW-2301D	EPA 410.4	430823	EPA 410.4	430831
40253868016	MW-2201	EPA 410.4	430823	EPA 410.4	430831
40253868017	MW-2201D	EPA 410.4	430956	EPA 410.4	431000
40253868019	PZ-2301	EPA 410.4	430956	EPA 410.4	431000
40253868020	PZ-2301D	EPA 410.4	430956	EPA 410.4	431000
40253868021	MW-31	EPA 410.4	430956	EPA 410.4	431000
40253868023	MW-2303	EPA 410.4	430956	EPA 410.4	431000
40253868025	PZ-2303	EPA 410.4	430956	EPA 410.4	431000
40253868032	MW-2110	EPA 410.4	430956	EPA 410.4	431000
40253868033	PZ-2110	EPA 410.4	430956	EPA 410.4	431000
40253868034	PZ-2103	EPA 410.4	430956	EPA 410.4	431000
40253868035	PZ-2103D	EPA 410.4	430956	EPA 410.4	431000
40253868036	MW-2102	EPA 410.4	430956	EPA 410.4	431000
40253868037	MW-2113	EPA 410.4	430956	EPA 410.4	431000
40253868038	MW-2103	EPA 410.4	430956	EPA 410.4	431000
40253868039	MW-2103D	EPA 410.4	430956	EPA 410.4	431000
40253868040	PZ-2113	EPA 410.4	430956	EPA 410.4	431000
40253868041	MW-2112	EPA 410.4	430956	EPA 410.4	431000
40253868042	MW-2106	EPA 410.4	430956	EPA 410.4	431000
40253868046	MW-61	EPA 410.4	430956	EPA 410.4	431000
40253868047	MW-61D	EPA 410.4	430956	EPA 410.4	431000
40253868049	PZ-61	EPA 410.4	430956	EPA 410.4	431000
40253868013	MW-2301	SM 5310C	430237		
40253868014	MW-2301D	SM 5310C	430237		
40253868016	MW-2201	SM 5310C	430237		

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP  
Pace Project No.: 40253868

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253868017	MW-2201D	SM 5310C	430237		
40253868019	PZ-2301	SM 5310C	430237		
40253868020	PZ-2301D	SM 5310C	430237		
40253868021	MW-31	SM 5310C	430237		
40253868023	MW-2303	SM 5310C	430825		
40253868025	PZ-2303	SM 5310C	430825		
40253868032	MW-2110	SM 5310C	430825		
40253868033	PZ-2110	SM 5310C	430825		
40253868034	PZ-2103	SM 5310C	430825		
40253868035	PZ-2103D	SM 5310C	430825		
40253868036	MW-2102	SM 5310C	430825		
40253868037	MW-2113	SM 5310C	430825		
40253868038	MW-2103	SM 5310C	430825		
40253868039	MW-2103D	SM 5310C	430825		
40253868040	PZ-2113	SM 5310C	430825		
40253868041	MW-2112	SM 5310C	430825		
40253868042	MW-2106	SM 5310C	430825		
40253868046	MW-61	SM 5310C	430825		
40253868047	MW-61D	SM 5310C	430825		
40253868049	PZ-61	SM 5310C	430825		

### REPORT OF LABORATORY ANALYSIS

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# CHAIN-OF-CUSTODY / Analytical Request Document

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40253868

Page: 1 of 5

**Section A**

Required Client Information:

Company: AECOM - Milw  
 Address: 1555 N. River Center Dr., Suite 214  
 Milwaukee, WI 53212  
 Email To: Lanette.Altenbach@aecom.com  
 Phone: 414-577-1363 Fax:  
 Requested Due Date/TAT: Standard

**Section B**

Required Project Information:

Report To: Lanette Altenbach  
 Copy To:  
 Purchase Order No.: 200476  
 Project Name: KEP  
 Project Number: 60682984

**Section C**

Invoice Information:

Attention: Accounts Payable/Finance Department  
 Company Name: City of Kenosha  
 Address: 652 52nd St., Kenosha, WI 53140  
 Pace Quote Reference:  
 Pace Project Manager: Chris Hyska  
 Pace Profile #: (2430) Kenosha work

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER

UST  RCRA  OTHER

**SITE LOCATION**

GA  IL  IN  MI  NC  
 OH  SC  WI  OTHER

Filtered (Y/N) *N N N N N Y N N*

Requested Analytes:

VOCS 8260	TCC	Alkalinity, Cl, SO4	Methane Ethane Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)
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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 WT WASTE WATER WW PRODUCT P SOL/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								Pace Project Number Lab I.D.		
					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		Requested Analytes	
					DATE	TIME	DATE	TIME													
1	TB-02		WT	G	/	/	10/26	0930		2											
2	MW-112		WT		/	/		0940		3											002
3	MW-2302		WT		/	/		0950		3											003
4	MW-2203		WT		/	/		1010		3											004
5	PZ-2203		WT		/	/		1040		3											005
6	MW-116		WT		/	/		1040		3											006
7	PZ-2302		WT		/	/		1030		3											007
8	MW-2202		WT		/	/		1115		3											008
9	PZ-116		WT		/	/		1120		3											009
10	PZ-116D		WT		/	/		1120		3											010
11	MW-115		WT		/	/		1205		3											011
12	PZ-2202		WT		/	/		1200		3											012

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>Ken Aecom</i>	10/27	200				Y/N	Y/N	Y/N
<i>CS Logistics</i>	10/28	240	<i>Morgan Pace</i>	10/28	240	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
						Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N

\* TB-02; trip blank

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: *Keith Nielsen* **KEW AECOM**

SIGNATURE of SAMPLER: *Keith Nielsen* DATE Signed (MM / DD / YY) *10/26/22*

Temp in °C: \_\_\_\_\_  
 Received on Ice:   
 Custody Sealed Cooler:   
 Samples Intact:



# CHAIN-OF-CUSTODY / Analytical Request Document

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40253868

Page: **2** of **5**

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

**REGULATORY AGENCY**

NPDES     GROUND WATER     DRINKING WATER  
 UST     RCRA     OTHER \_\_\_\_\_

**SITE LOCATION**     GA     IL     IN     MI     NC  
 OH     SC     WI     OTHER \_\_\_\_\_

ITEM #	Section D Required Client Information		Valid Matrix Codes		MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives								Requested Analysis	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.								
	SAMPLE ID		MATRIX	CODE			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 (BAK)											
	One Character per box. (A-Z, 0-9 / . - ) Samples IDs MUST BE UNIQUE		DRINKING WATER DW	WATER WT			WASTE WATER WW	PRODUCT	SOIL/SOLID	DATE														TIME	DATE	TIME					
1	MW-2301		WT	G	WT	6	/	/	10/26	1200	12	1	2	2	6	1						3	1	1	3	1	1	1	1	013	
2	MW-2301 D		WT		WT		/	/		1200	12	1	2	2	6	1							3	1	1	3	1	1	1	1	014
3	MW-114		WT		WT		/	/		1255	3				3								3								015
4	MW-2201		WT		WT		/	/		1310	12	1	2	2	6	1							3	1	1	1	1	1	1	1	016
5	MW-2201 D		WT		WT		/	/		1310	12	1	2	2	6	1							3	1	1	1	1	1	1	1	017
6	PZ-118		WT		WT		/	/		1345	3				3								3								018
7	PZ-2301		WT		WT		/	/		1350	12	1	2	2	6	1							3	1	1	3	1	1	1	1	019
8	PZ-2301 D		WT		WT		/	/		1350	12	1	2	2	6	1							3	1	1	3	1	1	1	1	020
9	MW-31		WT		WT		/	/		1410	12	1	2	2	6	1							3	1	1	3	1	1	1	1	021
10	MW-113		WT		WT		/	/		1425	3				3								3								022
11	MW-2303		WT		WT		/	/		1455	12	1	2	2	6	1							3	1	1	3	1	1	1	1	023
12	MW-2109		WT		WT		/	/		1530	3				3								3								024

**Additional Comments:**

Total Metals; Fe, Mn

Dissolved Metals; Fe, Mn, Ba, Cr, Pb, Ni

\*Diss Ca/Mg/K/Na for  
PZ-2110/PZ-2103/PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
Ken Alcom	10/27	2000				Y/N	Y/N	Y/N
CS Logistics	10/28/22	740	M. Nielsen	10/29/22	740	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Keith Nielsen KEN Alcom

SIGNATURE of SAMPLER: Keith Nielsen KEN Alcom

DATE Signed (MM/DD/YY): 10/26/22

Temp in °C: \_\_\_\_\_

Received on ice:

Custody Sealed Cooler:

Samples intact:



# CHAIN-OF-CUSTODY / Analytical Request Document

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40253868

Page: 3 of 5

<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.Altенbach@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 LOCATION	<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	OTHER _____	

Filtered (Y/N)	N	N	N	N	N	N	Y	N	N
Requested Analyte	VOCs (280)	TOC	Alkalinity, Cl, SO4	Methane, Ethane, Ethene	Total Metals	Diss. Metals	Sulfide	LOD	Residual Chlorine (Y/N)

ITEM #	Section D Required Client Information		MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Pace Project Number Lab I.D.									
	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WIFE AIR AR OTHER OT TISSUE TS			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 (280)	TOC	Alkalinity, Cl, SO4	Methane, Ethane, Ethene	Total Metals	Diss. Metals	Sulfide	LOD	Residual Chlorine (Y/N)
					DATE	TIME	DATE	TIME																				
1	PZ-2303	WT	G	/	10/26	1550		12	1	2	2	6	1												025			
2	PZ-2109	WT		/		1600		3				3													026			
3	MW-69R	WT		/		1640		3				3													027			
4	MW-71R	WT		/		1650		3				3													028			
5	PZ-69R	WT		/		1710		3				3													029			
6	MW-70A	WT		/		1730		3				3													030			
7	TB-03	WT		/	10/27	0730		2				2													031			
8	MW-2110	WT		/		0800		12	1	2	2	6	1												032			
9	PZ-2110	WT		/		0920		12	1	2	2	6	1												033			
10	PZ-2103	WT		/		0940		12	1	2	2	6	1												034			
11	PZ-2103D	WT		/		0940		12	1	2	2	6	1												035			
12	MW-2102	WT		/		1030		12	1	2	2	6	1												036			

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>KEP AECOM</i>	10/24	2000	<i>Keith Nielsen</i>	10/27	240		Y/N	Y/N	Y/N
<i>CS logistics</i>	10/27	27	<i>Mary Ellen Pace</i>	10/27	27		Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

\* TB-03: trip blank

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)	10/27/22		



# CHAIN-OF-CUSTODY / Analytical Request Document

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40253868

Page: 4 of 5

**Section A**

Required Client Information:

Company: AECOM - Milw  
 Address: 1555 N. River Center Dr., Suite 214  
 Milwaukee, WI 53212  
 Email To: Lanette.Altenbach@aecom.com  
 Phone: 414-577-1363 Fax:  
 Requested Due Date/TAT: Standard

**Section B**

Required Project Information:

Report To: Lanette Altenbach  
 Copy To:  
 Purchase Order No.: 200476  
 Project Name: KEP  
 Project Number: 60682984

**Section C**

Invoice Information:

Attention: Accounts Payable/Finance Department  
 Company Name: City of Kenosha  
 Address: 652 52nd St., Kenosha, WI 53140  
 Pace Quote Reference:  
 Pace Project Manager: Chris Hyska  
 Pace Profile #: (2430) Kenosha work

**REGULATORY AGENCY**

NPDES  GROUND WATER  DRINKING WATER

UST  RCRA  OTHER \_\_\_\_\_

**SITE LOCATION**

GA  IL  IN  MI  NC  
 OH  SC  WI  OTHER \_\_\_\_\_

Filtered (Y/N) N N N N N Y N N

Requested Analytes: VOCs, PCBs, TOC, Alkalinity, Cl, SO4, Methane, Ethane, Ethene, Total Metals, Diss. Metals, Sulfide, CDD, Residual Chlorine (Y/N)

Pace Project Number Lab I.D.

ITEM #	Section D Required Client Information		MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analytes															
	SAMPLE ID 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 SOIL/SOLID SL OIL OL WIFE WP AIR AR OTHER OT TISSUE TS			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, PCBs, TOC	Alkalinity, Cl, SO <sub>4</sub>	Methane, Ethane, Ethene	Total Metals	Diss. Metals	Sulfide	CDD	Residual Chlorine (Y/N)								
					DATE	TIME	DATE	TIME																										
1	MW-2113		WT	G	/	/	10/27	1130		12	1	2	2	6	1									3	1	1	3	1	1	1	1	1	037	
2	MW-2103		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	038
3	MW-2103 D		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	039
4	PZ-2113		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	040
5	MW-2112		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	041
6	MW-2106		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	042
7	PZ-2112		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	043
8	MW-2107		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	044
9	PZ-2107		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	045
10	MW-61		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	046
11	MW-61 D		WT		/	/	/	/		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	047
12	MW-2101		WT	↓	/	/	10/27	1600		12	1	2	2	6	1										3	1	1	3	1	1	1	1	1	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> Ken AECOM	10/27	2000	<i>[Signature]</i> Ken AECOM	10/28/22	740	Y/N	Y/N	Y/N
Logistics	10/28/22		<i>[Signature]</i> Ken AECOM	10/28/22	740	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Keith Nielsen Ken AECOM

SIGNATURE of SAMPLER: *[Signature]* DATE Signed (MM/DD/YY) 10/27/22

Temp in °C Received on Ice Custody Sealed Cooler Samples Intact



# CHAIN-OF-CUSTODY / Analytical Request Document

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

40253868

Section A	Section B	Section C
Required Client Information:	Required Project Information:	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.Altенbach@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
Requested Anal:	VOCs 8260, TOC, Alkalinity, Cl, SO4, Methane, Ethane, Ethene, Total Metals, Diss. Metals, Sulfide, COD, Residual Chlorine (Y/N)
Pace Project Number Lab I.D.	

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 WT WASTE WATER WW PRODUCT P SOL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	CODE	MATRIX CODE	SAMPLE TYPE G-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives								Requested Anal:	Pace Project Number Lab I.D.														
						COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other			VOCs 8260	TOC	Alkalinity, Cl, SO4	Methane, Ethane, Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)					
						DATE	TIME	DATE	TIME																										
1	PZ-61			WT	G			10/27	1600		12	1	2	2	6	1								3	1	3	1	1	1	1	1	1	1	1	049
2	PZ-2101			WT				10/27	1610		12	1	2	2	6	1								3	1	3	1	1	1	1	1	1	1	1	056
3	MW-2111			WT				10/27	1730		12	1	2	2	6	1								3	1	3	1	1	1	1	1	1	1	1	051
4	PZ-2111			WT				10/27	1715		12	1	2	2	6	1								3	1	3	1	1	1	1	1	1	1	1	052
5				WT																															
6				WT																															
7				WT																															
8				WT																															
9				WT																															
10				WT																															
11				WT																															
12				WT																															

**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> Kenosha	10/27	2000	<i>[Signature]</i> Kenosha	10/28	740		Y/N	Y/N	Y/N
Go Logistics	10/28	740	<i>[Signature]</i> Kenosha	10/28	740		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: Keith Nielsen Kenosha	SIGNATURE of SAMPLER: <i>[Signature]</i>				
DATE Signed (MM / DD / YY) 10/27/22					

Effective Date: 8/16/2022

Client Name: AECOM

Sample Preservation Receipt Form  
Project # 40253868

All containers needing preservation have been checked and noted below:  
Lab Lot# of pH paper: 1050722

Yes  No  N/A  
Lab Std #ID of preservation (if pH adjusted):

Initial when completed: MP Date/ Time:

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

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: 10125122 MP Headspace in VOA Vials (>6mm):  Yes  No  N/A \*If yes look in headspace column

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

Client Name: AECOM

Sample Preservation Receipt Form  
Project #: 40253868

Pace Lab #	Glass						Plastic						Vials					Jars				General		VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)				
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN 1	GN 2
021								1		2	1	1				6	6	6	6											X	X		X	2.5/5
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045																																		2.5/5
046																																		2.5/5
047																																		2.5/5
048																																		2.5/5





Sample Condition Upon Receipt Form (SCUR)

Client Name: AECOM Project # 40253868

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

did not receive volume for TOC, Alkalinity, Cl, SO4, Total metals, diss metals, sulfide, and COD for sample points:

PZ-2112 (043)

MW-2107 (044)

PZ-2107 (045)

MW-2101 (048)

PZ-2101 (050)

MW-2111 (051)

PZ-2111 (052)

AGS(B-7) MW-2113 missing date and time. MJS 10/28/2022

Missing volume for sample points above will be sent separately for receipt on 11/1/22. CDH 11/1/2022.

Sample Condition Upon Receipt Form (SCUR)

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

Client Name: AECOM

WO#: **40253868**

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



Tracking #: \_\_\_\_\_

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

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

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Thermometer Used SR - 110 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: — / Corr: (1)

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:

Date: 10/28/22 Initials: mp

Labeled By Initials: mp

Temp should be above freezing to 6°C.

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8. See additional comment page 10/28/22 mp
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay, Pace IR, Non-Pace</u>		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. 030 "1530" placed by ID 10/28/22 mp
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>492</u>		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/ Resolution: Cooler temps: 4°/0°/0°/0°/1°

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