

October 9, 2023

Our Reference
60705270

BRRTS# 02-30-000327

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

KEP Groundwater Post-Remediation Sample Results – July 2023

Dear Greg:

AECOM conducted the fifth quarterly post-remediation groundwater sampling event between July 24 and July 27, 2023, under Task Order 177-031023 for the City of Kenosha, at the former Kenosha Engine Plant (KEP). Monitoring wells associated with groundwater treatment Areas 1 through 4 were sampled for volatile organic compounds (VOCs) and geochemical parameters as described in the *Remedial Design Report (Groundwater) Revision 1 Former Kenosha Engine Plant* (AECOM, December 20, 2019) approved by the Wisconsin Department of Natural Resources.

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

Groundwater flow at the KEP was generally easterly across the site at the water table, easterly at the clay-till interface in the northern half of the KEP and southeasterly at the clay-till interface in the southeastern portion of the KEP, based on the depth to groundwater measurements on July 25, 2023. These flow directions are consistent with the data provided in prior groundwater elevation measurement events. Contoured groundwater elevations for July 2023, depicting groundwater flow, are shown in Figure 1 for the water table potentiometric surface and in Figure 2 for the potentiometric surface measured in the piezometers.

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

Groundwater samples from the 31 monitoring wells and 18 piezometers plus six duplicate samples and three trip blanks were submitted to Pace Analytical Services, Inc. (Pace), in Green Bay, Wisconsin, and analyzed for VOCs (SW846 Method 8260B), and select wells were also analyzed for metals and geochemical parameters. After reviewing the data and questioning the samplers, a discrepancy in the sample results for PZ-2113 was identified. Consequently, PZ-2113 was sampled on August 28, 2023, and these results are incorporated into this report.

The groundwater analytical results are summarized in Table 3A and 3B (Area 1 VOCs and metals/geochemical parameters, respectively), Table 4A and 4B (Area 2), Table 5A and 5B (Area 3), and Table 6A and 6B (Area 4). The groundwater analytical results were compared to the Wisconsin

Administrative Code, Chapter NR 140.10, Public Health Groundwater Quality Standards, enforcement standards (ES) and preventive action limits (PAL). ES exceedances are depicted in bold and PAL exceedances are shown in underlined italics in each of the tables. The laboratory analytical reports are also attached.

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

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

Please contact us if you have questions.

Yours sincerely,



Lanette Altenbach, P.G.
Senior Hydrogeologist
AECOM
T: 414-944-6186
E: lanette.altenbach@aecom.com

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: Tables
Table 1 Groundwater Measurements and Elevations
Table 2 Groundwater Field Parameters
Table 3A Detected Volatile Organic Compounds in Groundwater, Treatment Area 1
Table 3B Select Metals and Geochemical Parameters in Groundwater, Treatment Area 1
Table 4A Detected Volatile Organic Compounds in Groundwater, Treatment Area 2
Table 4B Select Metals and Geochemical Parameters in Groundwater, Treatment Area 2
Table 5A Detected Volatile Organic Compounds in Groundwater, Treatment Area 3
Table 5B Select Metals and Geochemical Parameters in Groundwater, Treatment Area 3
Table 6A Detected Volatile Organic Compounds in Groundwater, Treatment Area 4
Table 6B Select Metals and Geochemical Parameters in Groundwater, Treatment Area 4

Figures
Figure 1 Groundwater Elevations Contour Map (Water Table, July 2023)
Figure 2 Groundwater Elevations Contour Map (Piezometers, July 2023)

Data Validation Memo
Pace Laboratory Analytical Report-#40265783R, #40265850, #40267350

cc: Paul Grittner, WDNR

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

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

ft = feet

^A = as measured inside well

NM = Not Measured

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

Well Number	MW-2105		PZ-2105		MW-2106		MW-2107		PZ-2107		MW-2108	
Ground Elevation (ft)	625.21		625.22		626.95		626.42		626.36		625.59	
Top of PVC Casing (TOC) Elevation (ft)	627.38		627.69		629.11		628.32		628.66		627.58	
Top of Screen Elevation (ft)	620.60		602.89		621.21		620.64		604.77		619.84	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft) ^A	16.78		26.80		17.90		17.68		25.89		17.74	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	10.60	616.78	11.14	616.55	13.03	616.08	12.98	615.34	13.23	615.43	12.69	614.89
4/5/2021	9.92	617.46	10.26	617.43	12.54	616.57	12.56	615.76	12.98	615.68	12.45	615.13
6/16/2021	10.63	616.75	10.90	616.79	13.16	615.95	12.94	615.38	13.29	615.37	12.70	614.88
10/6/2021	11.54	615.84	11.79	615.90	13.81	615.30	13.36	614.96	13.70	614.96	12.97	614.61
12/15/2021	11.12	616.26	11.65	616.04	13.59	615.52	13.16	615.16	13.49	615.17	12.66	614.92
2/21/2022	11.15	616.23	11.40	616.29	13.63	615.48	13.19	615.13	13.50	615.16	12.79	614.79
3/21/2022	11.05	616.33	11.76	615.93	13.64	615.47	13.29	615.03	13.58	615.08	12.89	614.69
4/25/2022	9.34	618.04	10.37	617.32	12.27	616.84	12.45	615.87	12.81	615.85	12.14	615.44
5/17/2022	9.85	617.53	9.85	617.84	11.97	617.14	12.32	616.00	12.67	615.99	12.28	615.30
7/25/2022	10.37	617.01	10.57	617.12	13.01	616.10	12.91	615.41	13.22	615.44	12.58	615.00
10/24/2022	10.77	616.61	10.89	616.80	13.33	615.78	13.42	614.90	13.08	615.58	12.77	614.81
1/23/2023	10.60	616.78	10.90	616.79	13.40	615.71	12.58	615.74	13.27	615.39	12.65	614.93
4/24/2023	9.40	617.98	9.01	618.68	12.01	617.10	12.30	616.02	12.64	616.02	12.34	615.24
7/25/2023	10.78	616.60	10.82	616.87	13.20	615.91	13.00	615.32	13.34	615.32	12.78	614.80

ft = feet

^A = as measured inside well

NM = Not Measured

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

Well Number	MW-2109		PZ-2109		MW-2110		PZ-2110		MW-2111		PZ-2111	
Ground Elevation (ft)	625.07		624.92		624.83		624.76		626.40		626.44	
Top of PVC Casing (TOC) Elevation (ft)	627.04		627.23		627.00		626.95		628.33		628.68	
Top of Screen Elevation (ft)	620.02		606.76		619.93		606.20		620.31		604.91	
Screen Length (ft)	10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) ^A	17.02		22.47		17.07		22.75		18.02		26.27	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	12.86	614.18	13.07	614.16	12.68	614.32	12.94	614.01	12.24	616.09	12.57	616.11
4/5/2021	12.42	614.62	12.68	614.55	12.26	614.74	12.22	614.73	11.44	616.89	11.77	616.91
6/16/2021	12.83	614.21	13.02	614.21	12.86	614.14	12.85	614.10	12.39	615.94	12.71	615.97
10/6/2021	13.17	613.87	13.43	613.80	13.38	613.62	13.31	613.64	12.95	615.38	13.27	615.41
12/15/2021	12.74	614.30	12.98	614.25	12.85	614.15	12.79	614.16	12.37	615.96	13.71	614.97
2/21/2022	12.92	614.12	13.10	614.13	13.04	613.96	13.00	613.95	12.89	615.44	13.10	615.58
3/21/2022	12.83	614.21	13.03	614.20	12.90	614.10	12.89	614.06	12.55	615.78	12.71	615.97
4/25/2022	11.79	615.25	11.98	615.25	9.65	617.35	11.17	615.78	9.65	618.68	10.04	618.64
5/17/2022	11.85	615.19	12.06	615.17	11.38	615.62	11.31	615.64	10.64	617.69	11.01	617.67
7/25/2022	12.65	614.39	12.89	614.34	12.55	614.45	12.51	614.44	12.18	616.15	12.55	616.13
10/24/2022	12.84	614.20	13.01	614.22	12.91	614.09	12.85	614.10	12.46	615.87	12.79	615.89
1/23/2023	12.57	614.47	12.49	614.74	12.53	614.47	12.51	614.44	11.85	616.48	12.20	616.48
4/24/2023	11.95	615.09	12.16	615.07	11.47	615.53	11.42	615.53	9.53	618.80	11.32	617.36
7/25/2023	12.81	614.23	13.06	614.17	12.83	614.17	12.80	614.15	12.66	615.67	12.81	615.87

ft = feet

^A = as measured inside well

NM = Not Measured

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

Well Number	MW-2112		PZ-2112		MW-2113		PZ-2113		MW-2114		PZ-2114		MW-61		PZ-61	
Ground Elevation (ft)	624.21		624.18		625.20		625.10		624.72		624.72		623.52		623.56	
Top of PVC Casing (TOC) Elevation (ft)	626.32		626.48		627.33		627.36		626.80		626.80		624.03		624.15	
Top of Screen Elevation (ft)	619.46		605.48		620.34		606.48		620.13		606.98		617.20		605.60	
Screen Length (ft)	10		2		10		2		10		2		10		2.5	
TOC to Bottom of Well (ft) ^A	16.86		23.00		16.99		22.88		16.67		21.82		16.83		21.05	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	9.99	616.33	10.16	616.32	10.81	616.52	10.84	616.52	10.54	616.26	10.62	616.18	9.69	614.34	9.83	614.32
4/5/2021	9.84	616.48	9.98	616.50	10.59	616.74	10.64	616.72	10.04	616.76	10.08	616.72	9.22	614.81	9.60	614.55
6/16/2021	10.48	615.84	10.61	615.87	11.14	616.19	11.20	616.16	10.59	616.21	10.64	616.16	9.63	614.40	9.80	614.35
10/6/2021	10.92	615.40	11.11	615.37	11.64	615.69	11.71	615.65	11.15	615.65	11.31	615.49	9.94	614.09	10.35	613.80
12/15/2021	10.00	616.32	10.18	616.30	10.68	616.65	11.47	615.89	10.89	615.91	10.82	615.98	9.68	614.35	10.04	614.11
2/21/2022	10.63	615.69	10.78	615.70	11.32	616.01	11.35	616.01	10.97	615.83	10.77	616.03	9.70	614.33	9.68	614.47
3/21/2022	10.46	615.86	10.73	615.75	11.18	616.15	11.39	615.97	10.86	615.94	10.96	615.84	9.66	614.37	9.84	614.31
4/25/2022	8.17	618.15	8.32	618.16	8.71	618.62	12.96	614.40	9.29	617.51	9.34	617.46	9.50	614.53	9.50	614.65
5/17/2022	9.25	617.07	10.33	616.15	9.88	617.45	9.96	617.40	9.39	617.41	9.42	617.38	8.67	615.36	8.95	615.20
7/25/2022	10.11	616.21	10.22	616.26	10.77	616.56	10.87	616.49	10.42	616.38	10.48	616.32	9.47	614.56	9.64	614.51
10/24/2022	10.47	615.85	10.65	615.83	11.17	616.16	11.23	616.13	10.69	616.11	10.73	616.07	9.29	614.74	9.64	614.51
1/23/2023	9.92	616.40	10.02	616.46	10.53	616.80	10.58	616.78	10.38	616.42	10.45	616.35	9.42	614.61	10.11	614.04
4/24/2023	9.47	616.85	9.57	616.91	10.10	617.23	10.15	617.21	9.55	617.25	9.52	617.28	8.71	615.32	8.93	615.22
7/25/2023	10.52	615.80	10.62	615.86	11.30	616.03	11.25	616.11	10.62	616.18	10.66	616.14	9.68	614.35	9.79	614.36

ft = feet
^A = as measured inside well
 NM = Not Measured

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

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

ft = feet
^A = as measured inside well
 NM = Not Measured
 -- no elevation

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

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

ft = feet

^A = as measured inside well

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

Well Number	MW-65		MW-77		MW-1000		PZ-1000		MW-79		MW-80		MW-81	
Ground Elevation (ft)	624.24		623.48		625.92		625.89		624.88		624.21		624.63	
Top of PVC Casing (TOC) Elevation (ft)	627.63		622.51		627.83		628.08		624.62		623.81		624.35	
Top of Screen Elevation (ft)	614.82		615.80		620.85		603.49		617.89		617.00		617.39	
Screen Length (ft)	10		10		10		2.5		10		10		10	
TOC to Bottom of Well (ft) ^A	22.81		16.71		16.98		27.09		16.42		15.37		16.46	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	15.39	612.24	Dry	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	14.04	613.59	9.86	612.65	16.74	611.09	17.35	610.73	9.44	615.18	6.18	617.63	9.16	615.19
6/16/2021	14.94	612.69	NM	--	16.74	611.09	18.08	610.00	10.10	614.52	7.02	616.79	10.72	613.63
10/6/2021	15.72	611.91	10.36	612.15	16.94	610.89	18.83	609.25	11.06	613.56	8.65	615.16	11.73	612.62
12/8/2021	16.01	611.62	10.37	612.14	NM	--	NM	--	11.17	613.45	8.83	614.98	11.74	612.61
12/15/2021	15.42	612.21	NM	--	16.93	610.90	18.35	609.73	10.68	613.94	7.39	616.42	10.75	613.60
1/12/2022	14.80	612.83	NM	--	NM	--	NM	--	10.24	614.38	7.44	616.37	10.65	613.70
2/7/2022	14.93	612.70	NM	--	NM	--	NM	--	10.82	613.80	8.57	615.24	10.98	613.37
4/25/2022	13.45	614.18	10.38	612.13	16.95	610.88	16.94	611.14	6.61	618.01	3.19	620.62	7.19	617.16
7/25/2022	14.47	613.16	NM	--	16.91	610.92	17.62	610.46	8.56	616.06	4.23	619.58	9.18	615.17
10/24/2022	15.76	611.87	NM	--	NM	--	NM	--	10.45	614.17	7.82	615.99	11.39	612.96
1/23/2023	15.15	612.48	10.36	612.15	16.93	610.90	18.01	610.07	9.66	614.96	6.40	617.41	10.35	614.00
4/24/2023	13.58	614.05	10.38	612.13	16.65	611.18	16.65	611.43	8.11	616.51	4.30	619.51	8.70	615.65
7/25/2023	14.90	612.73	NM	--	NM	--	NM	--	9.60	615.02	6.46	617.35	10.91	613.44

ft = feet

^A = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

MW-65 replaced on 04/03/2023

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

Well Number	MW-82		PZ-82		MW-44		MW-108	
Ground Elevation (ft)	625.10		625.10		624.86		624.00	
Top of PVC Casing (TOC) Elevation (ft)	624.89		624.89		624.54		623.83	
Top of Screen Elevation (ft)	618.00		618.00		619.95		619.57	
Screen Length (ft)	10		2		10		10	
TOC to Bottom of Well (ft) ^A	16.20		24.31		14.59		14.26	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NI	--	11.57	608.38	8.53	611.04
4/5/2021	10.69	614.20	NI	--	10.49	609.46	4.76	614.81
6/16/2021	16.04	608.85	NI	--	11.36	608.59	9.34	610.23
10/6/2021	12.65	612.24	12.75	612.14	12.21	607.74	10.09	609.48
12/8/2021	12.82	612.07	12.49	605.51	12.05	607.90	9.07	610.50
12/15/2021	12.27	612.62	11.98	612.91	11.65	608.30	7.14	612.43
1/12/2022	11.81	613.08	11.78	613.11	11.56	608.39	NM	--
2/7/2022	12.01	612.88	11.50	613.39	12.15	607.80	8.48	611.09
4/25/2022	9.32	615.57	10.75	614.14	10.02	609.93	3.02	616.55
7/25/2022	10.55	614.34	10.71	614.39	10.40	609.55	7.64	611.93
10/24/2022	12.36	612.53	11.78	613.11	12.41	607.54	9.27	610.30
1/23/2023	10.72	614.17	11.37	613.52	11.53	608.42	7.16	612.41
4/24/2023	9.78	615.11	9.92	608.08	9.83	610.12	4.54	615.03
7/25/2023	11.87	613.02	12.86	605.14	11.21	608.74	9.60	609.97

ft = feet

^A = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

MW-65 replaced on 04/03/2023

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

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

ft = feet

^A = 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**

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

ft = feet

^A = 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**

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

ft = feet

^A = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2101	12/09/20	7.12	NM	-97.5	1.339	14.20	644.38
		04/08/21	6.78	0.41	116.5	1.267	10.29	40.41
		02/22/22	7.65	0.20	-205.7	1.459	7.89	4.66
		03/21/22	7.18	0.07	-154.6	1.286	10.00	2.23
		04/27/22	7.60	0.11	75.6	1.401	8.05	0.96
		07/27/22	7.50	0.04	-288.4	1.343	16.46	0.00
		10/27/22	7.51	0.02	-309.5	1.125	15.29	127.11
		01/25/23	8.90	0.18	-400.4	1.048	8.15	39.09
		04/26/23	7.88	0.09	-290.8	1.037	10.89	8.23
		7/26/2023	7.00	0.09	-189.1	1.873	17.92	0.23
1	PZ-2101	12/09/20	7.07	NM	-76.6	2.517	14.09	740.99
		04/09/21	7.30	0.74	79.5	2.923	11.44	NM
		02/24/22	6.67	0.24	-75.3	7.314	8.06	12.99
		03/23/22	6.84	0.39	95.4	7.757	10.97	2.51
		04/27/22	4.62	0.01	-1122.8	6.734	18.19	82.92
		07/27/22	6.24	0.08	-137.9	8.111	15.65	12.77
		10/02/22	6.28	0.04	-160.5	5.124	14.15	44.84
		01/25/23	6.97	0.00	-28.2	8.395	10.34	0.00
		04/26/23	6.99	0.15	-168.7	8.511	11.13	49.24
		07/26/23	6.59	0.06	-183.9	8.171	15.96	11.79
1	MW-2102	12/15/20	6.96	NM	-77.8	1.502	12.62	71.06
		04/08/21	6.85	0.16	-16.3	1.448	10.66	47.01
		02/22/22	6.22	0.18	-103.7	3.237	7.73	7.54
		03/22/22	6.50	0.09	-25.1	2.689	7.76	19.91
		04/27/22	6.50	0.11	208.8	2.396	7.19	6.77
		07/25/22	5.92	0.06	-151.1	2.129	17.76	5.05
		10/27/22	6.10	NM	-92.3	1.851	15.15	11.41
		01/25/23	7.65	2.02	-147.9	0.595	7.05	22.58
		04/25/23	6.91	0.72	-420.0	2.042	9.66	57.44
		07/27/23	6.48	1.22	-184.2	0.003	22.43	6.93
1	MW-2103	12/14/20	7.00	0.06	-39.6	1.313	10.72	3.92
		04/08/21	7.21	0.07	-48.3	1.325	9.70	10.66
		02/23/22	6.82	0.23	-83.3	3.526	5.95	24.63
		03/22/22	7.13	0.09	-141.1	2.439	8.06	7.98
		04/27/22	6.94	NM	-122.2	3.657	7.73	3.72
		07/27/22	6.48	0.01	-183.1	2.060	17.08	20.35
		10/27/2022	6.93	0.07	-158.1	1.100	16.42	56.96
		1/25/2023	8.11	0.64	-91.3	2.465	6.75	10.10
		4/26/2023	7.30	0.14	-191.0	3.139	9.67	12.21
		7/26/2023	6.55	0.05	-164.8	1.620	16.33	40.19
1	PZ-2103	12/14/20	7.18	4.90	80.4	1.672	11.60	1.40
		04/09/21	7.43	2.83	126.4	2.062	11.15	NM
		02/24/22	6.74	0.11	-94.3	10.600	8.45	265.06
		04/07/22	7.04	0.27	-128.8	23.611	8.69	91.61
		05/05/22	7.05	0.19	-141.9	31.987	10.01	26.70
		07/27/22	6.75	0.00	-328.9	28.045	16.90	36.62
		10/27/22	6.65	0.01	-302.1	23.768	14.77	154.83
		01/25/23	8.37	0.01	-304.5	24.942	9.04	90.00
		04/26/23	6.88	0.05	-201.6	25.365	10.32	59.81
		07/26/23	6.45	0.13	-154.7	23.949	16.08	120.56

**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-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
		01/23/23	7.23	0.13	-89.8	1.486	8.15	11.40
		04/25/23	7.31	0.22	-87.4	1.551	10.05	10.47
		07/24/23	6.83	0.09	-165.0	1.252	16.50	11.58
1	MW-2105	12/14/20	7.01	0.11	-71.9	1.885	9.93	14.48
		04/08/21	7.11	0.17	-61.3	1.621	10.31	1.91
		02/23/22	7.20	0.16	-81.9	2.270	7.77	11.58
		03/23/22	7.10	0.17	63.0	1.726	9.13	9.43
		04/26/22	7.34	0.52	-87.2	1.974	9.34	-87.70
		07/26/22	6.62	0.03	-91.2	2.031	17.56	16.72
		10/24/22	7.24	0.05	-214.9	2.545	16.42	15.11
		01/23/23	6.90	0.06	-169.6	2.198	7.62	0.00
		04/24/23	7.06	0.21	-286.8	2.122	10.40	2.13
		07/25/23	7.02	0.78	-201.4	2.589	18.61	1.07
1	PZ-2105	12/10/20	7.51	NM	51.6	1.296	11.97	8.73
		04/08/21	7.48	1.80	109.1	0.892	11.73	14.02
		02/22/22	7.46	3.23	-115.3	1.034	8.82	3.41
		03/22/22	7.60	2.38	-63.3	1.013	9.13	3.23
		04/26/22	7.54	3.40	132.9	1.013	9.97	0.00
		07/26/22	7.49	0.78	87.3	1.110	17.69	228.30
		10/24/22	9.95	2.94	-95.9	1.203	15.62	9.51
		01/23/23	8.01	4.83	-110.5	0.929	7.96	0.00
		04/24/23	7.73	2.54	-126.5	1.043	11.07	12.92
		07/25/23	7.25	0.84	-124.3	1.014	19.15	9.52
1	MW-2106	12/14/20	7.05	0.03	-47.1	1.424	11.36	3.76
		04/08/21	7.01	0.62	-70.7	1.578	12.30	2.36
		02/21/22	7.04	0.26	-138.5	1.338	9.28	8.20
		03/21/22	7.07	0.12	224.1	1.786	10.58	3.23
		04/27/22	7.27	NM	-174.7	1.956	8.33	9.94
		07/27/22	6.84	0.00	-17.0	1.593	15.19	19.54
		10/27/22	6.96	NM	-210.1	1.607	15.18	0.00
		01/23/23	6.99	0.08	-147.1	2.524	8.88	18.41
		04/24/23	7.01	0.17	-275.7	2.345	9.74	18.89
		07/25/23	6.60	0.45	-213.0	1.453	18.03	14.50
1	MW-2107	12/09/20	7.41	0.04	-136.9	0.968	13.81	7.67
		04/07/21	6.43	10.96	60.3	9.300	13.33	2.11
		02/21/22	6.82	0.23	-109.0	1.341	8.70	5.34
		03/21/22	7.13	0.14	167.2	1.519	10.81	0.13
		04/26/22	7.45	NM	14.9	2.938	8.05	0.85
		07/25/22	6.83	1.33	-70.5	1.420	13.85	11.12
		10/27/22	7.07	0.08	-190.7	1.318	14.38	8.55
		01/24/23	7.32	0.36	-51.3	4.293	9.60	75.73
		04/26/23	7.42	0.41	-256.8	2.050	9.81	83.26
		07/25/23	6.51	0.03	-206.2	721.510	17.11	154.80

**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-2107	12/09/20	7.38	4.33	25.4	3.055	13.60	2.72	
		04/08/21	7.49	6.18	143.4	2.050	12.40	4.81	
		02/22/22	7.64	7.89	-70.8	0.514	8.81	0.14	
		03/22/22	7.57	0.25	72.8	1.979	9.32	10.66	
		04/26/22	7.06	1.40	215.5	2.098	8.82	9.79	
		07/25/22	7.25	0.34	-67.5	2.354	14.08	2.07	
		10/27/22	7.36	0.16	-210.8	2.067	13.61	27.47	
		01/24/23	7.62	1.05	-15.0	3.132	10.38	81.51	
		04/02/23	7.76	2.49	-137.4	2.151	10.59	0.91	
	07/25/23	6.78	0.28	-141.0	2.133	16.66	1.93		
1	MW-2108	12/09/20	7.64	0.08	-220.4	0.601	14.01	2.10	
		04/07/21	6.76	10.55	-14.7	0.000	15.31	1.55	
		02/21/22	7.45	0.26	-99.0	0.799	8.92	1.29	
		03/21/22	7.23	0.12	33.2	0.688	11.19	3.84	
		04/27/22	7.30	0.24	199.0	1.090	7.82	0.00	
		07/25/22	6.99	0.12	-128.8	1.817	14.52	3.67	
		10/24/22	7.38	0.04	-258.0	1.942	16.54	15.14	
		01/23/23	7.25	0.04	-179.9	1.531	8.87	14.57	
		04/25/23	7.40	0.12	-208.0	1.677	9.37	7.96	
	07/24/23	7.02	0.22	-268.1	1.927	15.45	4.49		
1	MW-2109	12/09/20	7.23	0.06	-49.4	2.341	13.30	11.10	
		04/07/21	7.21	0.09	-73.4	2.492	11.57	19.50	
		02/21/22	7.31	0.07	43.3	1.358	10.15	480.76	
		03/21/22	7.29	0.30	223.4	2.383	10.42	56.36	
		04/26/22	7.27	NM	92.60	1.998	7.84	3.86	
		07/25/22	6.88	0.20	-70.6	2.906	15.34	78.98	
		10/26/22	Readings not recorded						
		01/24/23	8.41	0.61	-33.9	1.926	9.50	26.47	
		04/25/23	7.14	0.46	-148.6	2.980	9.91	3.86	
	07/24/23	7.01	0.30	-137.7	1.768	16.68	100.22		
1	PZ-2109	12/09/20	7.01	0.06	-91.0	6.959	13.69	4.60	
		04/07/21	6.93	1.39	-35.5	6.824	12.00	6.21	
		02/21/22	7.09	0.57	28.2	5.843	10.82	9.36	
		03/21/22	6.93	0.54	242.8	7.627	11.57	17.02	
		04/26/22	6.70	0.22	236.4	7.081	8.05	3.07	
		07/25/22	6.71	0.16	-72.3	9.873	14.58	13.42	
		10/26/22	7.00	0.08	-111.2	7.865	13.70	12.20	
		01/24/23	8.14	0.29	-46.4	4.482	10.58	8.74	
		04/25/23	7.21	0.17	-145.2	6.245	11.16	174.84	
	07/24/23	6.87	0.10	-174.7	7.173	14.84	103.11		
1	MW-2110	12/15/20	7.95	0.10	-57.4	1.665	10.83	0.00	
		04/07/21	6.83	0.26	38.2	2.128	11.16	18.37	
		02/21/22	7.19	0.09	47.4	1.491	8.97	48.80	
		03/21/22	6.94	0.21	287.4	1.719	10.90	26.94	
		04/27/22	7.07	0.82	211.5	1.977	8.72	0.89	
		07/25/22	6.66	0.25	-7.7	2.502	14.65	32.15	
		10/27/22	7.20	0.21	87.2	1.169	13.34	3.62	
		01/24/23	8.45	0.83	36.9	1.807	8.55	13.59	
		04/26/23	7.09	0.59	-22.0	1.589	9.67	39.21	
	07/24/23	7.18	0.40	-156.3	1.520	16.03	44.41		

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-2110	12/08/20	7.28	NM	171.9	2.708	12.33	25.18
		04/07/21	7.24	3.73	140.6	2.569	13.02	2.69
		02/21/22	7.32	0.20	35.4	2.734	10.60	37.66
		03/21/22	7.21	0.21	106.7	2.657	11.83	13.45
		03/23/22	7.87	0.28	-68.1	2.844	9.94	9.15
		04/27/22	7.12	NM	157.4	3.704	10.75	1.36
		07/25/22	6.82	0.20	-43.9	3.773	14.03	23.28
		10/27/22	6.98	NM	-96.1	1.468	13.26	4.69
		01/24/23	8.67	3.79	52.9	2.292	7.32	1.91
		04/26/23	7.47	3.33	-87.7	2.577	10.76	6.03
07/24/23	7.23	0.64	-162.2	2.813	15.49	22.96		
1	MW-2111	12/11/20	6.82	NM	82.4	1.726	12.50	10.77
		04/08/21	6.87	1.11	105.8	1723.000	10.47	2.85
		02/24/22	7.15	0.03	-167.9	5.040	8.59	304.24
		03/23/22	8.63	0.05	-206.2	2.439	9.75	72.26
		04/26/22	8.07	NM	-124.4	4.269	8.91	11.33
		07/27/22	6.89	0.04	-197.0	2.917	16.55	231.53
		10/27/22	6.62	NM	-155.2	2.723	14.51	93.03
		01/25/23	8.07	0.79	-157.8	2.098	8.08	126.02
		04/26/23	7.86	0.24	-313.2	3.742	10.38	1066.00
		07/27/23	7.25	3.30	-234.5	2.910	22.00	16.46
1	PZ-2111	12/11/20	7.13	NM	113.6	1.201	13.06	23.71
		04/08/21	7.88	4.13	108.9	1.043	11.79	3.00
		02/23/22	7.05	0.02	-157.7	6.738	10.01	267.18
		03/23/22	7.64	0.12	-129.5	6.952	10.40	31.67
		04/26/22	6.61	NM	55.2	6.989	10.19	37.92
		07/27/22	6.95	0.04	-191.8	6.796	15.86	848.38
		10/27/22	6.63	0.06	-171.3	5.113	14.22	449.36
		01/25/23	8.07	0.20	-322.3	5.187	6.83	67.06
		04/26/23	6.71	0.11	-157.8	5.341	11.09	8.48
		07/27/23	6.65	0.37	-203.1	4.245	17.36	25.80
1	MW-2112	12/15/20	6.87	NM	-54.3	1.316	11.03	5.70
		04/08/21	6.92	0.19	-42.2	1.254	11.14	123.28
		02/22/22	6.85	0.26	-142.5	1.344	6.00	6.58
		03/21/22	7.24	0.09	92.4	1.576	9.94	3.55
		04/26/22	7.67	NM	-196.5	1.325	7.80	14.78
		07/25/22	7.12	0.06	-150.3	1.524	15.54	9.04
		10/27/22	7.24	0.06	-268.0	1.101	15.65	17.66
		01/24/23	7.31	0.05	-107.0	2.053	8.02	44.80
		04/25/23	7.51	0.04	-413.6	1.557	10.25	48.13
		07/26/23	7.23	0.10	-269.5	1.477	16.58	6.47
1	PZ-2112	12/15/20	8.26	7.18	238.4	2.702	11.20	0.00
		04/08/21	7.38	4.74	98.4	2.097	12.80	5.94
		02/22/22	7.11	3.15	-112.3	0.785	4.38	0.26
		03/21/22	7.41	0.25	125.8	1.577	11.40	4.49
		04/26/22	7.28	0.25	175.0	1.478	8.31	0.94
		07/25/22	7.18	0.10	-187.3	1.665	13.97	5.00
		10/27/22	7.35	0.05	-284.8	1.303	15.01	115.61
		01/24/23	7.50	0.15	-75.8	2.324	7.73	38.06
		04/25/23	7.52	0.13	-189.5	1.635	10.61	56.81
		07/26/23	7.39	0.45	-238.2	1.512	15.94	158.62

**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-2113	12/14/20	6.94	NM	-54.8	1.363	10.90	24.95
		04/08/21	7.04	0.12	-83.1	1.228	10.06	4.03
		02/23/22	7.33	0.23	-63.2	1.472	5.27	21.83
		03/22/22	7.13	0.14	-187.6	2.391	8.40	2.55
		04/26/22	7.50	NM	-165.1	2.040	8.98	13.68
		07/27/22	6.90	0.01	-201.1	1.421	17.52	33.93
		10/27/22	6.86	NM	-122.5	1.650	15.85	2.48
		01/22/23	8.21	1.40	-98.2	2.201	7.19	5.08
		04/26/23	7.36	0.30	-198.6	1.920	9.66	28.00
		07/26/23	7.24	0.14	-190.1	1.379	16.93	0.42
1	PZ-2113	12/14/20	7.05	NM	239.0	1.982	10.89	3.96
		04/09/21	7.09	1.18	66.9	1.875	10.78	NM
		02/24/22	7.30	0.16	-131.1	3.276	6.57	9.13
		03/23/22	8.15	0.10	-159.4	3.727	9.66	6.21
		04/26/22	6.48	1.14	149.6	2.909	9.04	14.97
		07/27/22	7.08	0.00	-206.5	3.791	17.63	23.42
		10/27/22	6.93	NM	-241.1	3.044	15.03	77.50
		01/25/23	8.94	0.21	-321.9	3.140	6.74	46.07
		04/26/23	7.21	0.08	-232.4	3.089	10.83	26.55
		07/26/23	7.51	0.10	-274.7	3.124	16.53	7.96
1	MW-2114	12/14/20	7.23	NM	-71.3	1.025	10.48	61.21
		04/07/21	7.03	0.12	-82.9	1.008	13.03	5.70
		02/21/22	6.96	0.23	-80.4	1.113	7.83	463.05
		03/21/22	7.00	0.10	79.0	1.098	10.22	16.73
		04/26/22	7.79	NM	-27.2	1.744	8.10	1.20
		07/25/22	6.97	0.04	-124.8	1.391	15.33	14.24
		10/24/22	7.40	0.06	-224.9	1.433	16.90	12.66
		01/24/23	7.35	0.04	-76.4	2.629	9.43	57.12
		04/26/23	7.27	0.11	-214.5	1.827	9.04	5.80
		07/24/23	6.90	0.79	-238.7	1.455	19.51	5.28
1	PZ-2114	12/14/20	7.63	NM	75.1	1.057	11.58	3.57
		04/07/21	7.69	2.89	-2.1	0.947	17.19	2.95
		02/21/22	7.20	1.92	191.2	0.669	7.59	3.16
		03/21/22	7.53	NM	71.3	0.741	11.89	18.47
		04/26/22	7.58	2.02	182.3	1.026	8.08	0.00
		07/25/22	7.51	0.86	-50.6	1.137	15.11	17.15
		10/24/22	7.74	0.36	-152.5	1.272	16.07	6.84
		01/24/23	7.82	2.13	-8.6	1.746	10.34	70.96
		04/26/23	7.68	2.40	140.9	1.246	9.79	140.90
		07/24/23	7.40	1.06	-116.3	1.187	16.61	41.07
1	MW-61	12/11/20	8.03	0.10	-105.0	1.457	12.84	0.32
		04/08/21	7.22	0.24	-89.1	1.524	10.55	23.04
		02/23/22	7.40	0.39	-6.6	0.303	6.80	76.64
		03/22/22	7.47	0.16	-151.9	1.750	9.23	11.65
		04/27/22	7.21	0.72	210.2	0.883	9.94	22.68
		07/25/22	6.96	0.17	-93.2	2.927	14.26	11.48
		10/27/22	7.13	NM	-210.9	1.325	14.70	5.97
		01/24/23	8.35	0.39	-119.9	1.308	10.01	1.20
		04/26/23	7.40	0.19	-256.8	1.421	10.62	33.81
		07/26/23	7.23	0.16	-204.7	1.636	14.97	109.60

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-61	12/11/20	7.74	2.00	-120.9	4.355	10.83	54.19
		04/07/21	6.69	2.92	-98.7	2.265	13.07	171.07
		02/21/22	7.25	0.13	15.8	0.425	8.69	30.02
		03/21/22	6.41	0.12	9.1	2.680	13.68	97.38
		04/27/22	6.54	NM	9.5	2.116	9.53	58.64
		07/25/22	6.06	0.14	-92.7	3.939	13.86	132.71
		07/26/22	6.06	0.14	-92.7	3.939	13.86	132.71
		10/27/22	6.48	NM	-149.6	2.552	13.5	73.18
		01/24/23	7.92	0.30	-133.8	2.762	10.3	108.86
		04/26/23	6.57	0.13	-231.2	1.068	11.3	107.85
		07/26/23	6.62	0.19	-173.9	2.553	15.1	152.19

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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	MW-31	05/16/18	7.06	6.82	37.3	1.473	13.58	NM
		10/18/18	6.91	2.37	42.4	1.879	15.09	NM
		04/16/19	6.81	0.33	150.3	1.924	12.89	NM
		10/09/19	6.79	4.16	39.0	1.340	17.09	NM
		04/15/20	6.76	4.36	261.0	1.569	7.20	NM
		11/04/20	6.95	0.22	49.1	1.147	16.47	NM
		12/10/20	6.98	10.62	224.7	0.480	12.59	0.00
		04/09/21	6.81	2.21	185.1	1.158	10.18	NM
		12/30/21	7.58	0.49	-59.00	4.028	11.06	15.83
		01/31/22	7.47	0.13	-91.60	1.4	9.56	13.21
		02/28/22	7.83	0.15	-97.1	1.735	8.00	5.73
		04/26/22	9.40	0.02	-1727.4	1.572	12.11	36.15
		07/26/22	6.95	0.00	-116.7	1.753	15.02	75.49
		10/26/22	7.25	0.10	-164.5	2.019	13.00	6.99
2	MW-113	05/16/18	7.25	6.33	37.3	1.144	11.10	NM
		10/18/18	7.85	0.44	73.6	1.449	15.44	NM
		04/16/19	7.16	3.07	170.1	1.939	11.00	NM
		10/09/19	7.11	1.14	32.6	1.681	16.70	NM
		04/15/20	7.13	1.96	213.4	1.756	9.17	NM
		11/04/20	7.12	0.97	57.7	1.831	18.66	NM
		12/10/20	6.86	7.46	238.6	2.743	12.28	14.20
		04/05/21	7.31	2.44	137.9	1.578	11.85	NM
		12/30/21	NM	NM	NM	NM	NM	NM
		01/31/22	NM	NM	NM	NM	NM	NM
		02/28/22	NM	NM	NM	NM	NM	NM
		04/26/22	8.24	8.72	-500.2	2.474	11.40	0.00
		07/26/22	6.75	0.54	47.4	2.696	17.04	18.24
		10/26/22	7.13	0.68	-110.3	3.720	14.00	6.30
01/24/23	7.50	2.27	-54.3	3.900	9.84	0.00		
04/25/23	7.08	6.00	-85.5	2.317	8.49	0.77		
07/27/23	7.05	0.48	-28.6	3.398	15.79	8.67		
2	MW-114	05/16/18	7.30	NM	-36.5	1.102	11.99	NM
		10/17/18	7.16	0.20	-109.6	1.115	14.22	NM
		04/16/19	7.09	0.14	-79.6	1.041	9.66	NM
		10/09/19	6.93	1.93	-9.4	1.103	16.84	NM
		04/15/20	7.38	0.19	-76.7	1.048	7.44	NM
		11/04/20	7.17	NM	-77.1	0.994	15.72	NM
		12/10/20	7.22	0.09	-96.0	1.065	12.98	3.30
		04/05/21	7.22	0.43	-93.3	1.044	12.16	NM
		12/30/21	7.39	0.29	79.40	2.392	11.71	103.94
		01/31/22	7.61	9.81	-72.70	1.600	7.29	5.03
		02/28/22	7.32	0.22	-8.1	1.173	9.21	9.32
		04/25/22	8.78	0.09	-1612.9	1.251	12.48	72.36
		07/26/22	6.86	0.00	-175.9	1.422	16.60	41.22
		10/26/22	7.26	0.31	-272.4	1.383	13.80	7.60
01/24/23	7.82	0.14	-174.6	1.445	9.25	38.60		
04/25/23	7.23	0.16	-293.7	1.196	8.40	65.29		
07/26/23	7.26	0.13	-214.4	1.368	18.67	16.92		

**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	PZ-118	05/16/18	7.12	0.88	-59.9	1.292	12.79	NM
		10/17/18	7.40	0.19	-37.8	1.714	14.34	NM
		04/17/19	6.99	1.39	33.9	1.742	8.81	NM
		10/09/19	6.97	0.09	-12.6	1.655	15.62	NM
		04/15/20	6.86	0.15	65.5	2.120	8.38	NM
		11/04/20	7.03	0.09	-75.4	1.657	17.37	NM
		12/10/20	6.84	0.02	-66.3	1.840	13.39	8.01
		04/05/21	7.03	10.77	189.1	2.650	11.33	NM
		12/30/21	7.22	0.89	138.20	3.930	11.49	6.45
		01/31/22	7.26	0.58	-61.6	1.641	9.93	2.25
		02/28/22	7.23	1.46	-54.0	4.407	13.02	86.27
		04/26/22	8.34	0.05	-1298.5	2.474	11.54	20.82
		07/26/22	6.79	0.00	-64.4	1.883	14.72	24.72
		10/26/22	7.25	0.53	-208.3	1.868	13.60	8.60
01/24/23	7.85	5.59	-92.0	1.258	9.30	16.53		
04/25/23	7.52	0.13	-194.4	1.747	8.28	19.30		
07/26/23	7.19	0.02	-248.0	1.397	14.76	12.24		
2	MW-2201	12/09/20	7.06	NM	-134.6	1.165	12.70	334.24
		04/09/21	6.77	5.58	151.2	1.250	9.51	0.00
		12/30/21	7.60	0.14	-22.00	3.071	11.31	0.00
		01/31/22	7.66	0.14	-50.4	1.017	9.04	1.45
		02/28/22	7.66	0.21	-97.2	1.241	9.93	7.96
		04/26/22	8.22	0.15	-1226.4	1.401	11.59	12.12
		07/26/22	6.78	0.00	-176.5	1.264	14.68	22.05
		10/26/22	7.63	0.06	-244.1	1.609	13.67	7.64
		01/24/23	7.33	0.76	-116.1	2.254	8.89	23.49
04/25/23	7.17	0.13	-164.1	1.196	8.06	47.11		
07/25/23	7.30	0.39	-272.2	1.210	15.15	29.22		
2	MW-2202	12/08/20	7.04	0.55	-56.3	1.171	11.72	0.27
		04/09/21	6.30	3.47	67.1	1.173	10.27	0.00
		12/30/21	6.94	2.09	199.70	3.659	7.58	65.46
		01/31/22	7.39	0.23	152.1	1.721	7.34	27.19
		02/28/22	7.78	0.15	-123.0	1.728	8.16	22.67
		04/26/22	7.40	0.12	-1089.2	1.148	12.89	2.02
		07/26/22	6.86	0.15	-95.8	1.571	15.61	6.40
		10/26/22	6.88	0.07	-244.9	1.726	13.07	10.46
		01/24/23	7.23	0.03	-104.2	1.825	7.88	0.00
04/24/23	7.39	0.18	-190.1	1.126	10.10	119.57		
07/25/23	6.90	0.03	-261.2	1.103	15.79	59.76		
2	PZ-2202	12/08/20	7.13	0.62	-60.2	1.431	11.67	11.63
		04/09/21	7.30	4.04	48.3	1.570	11.72	7.03
		12/30/21	6.57	0.11	147.70	3.897	10.47	69.32
		01/31/22	6.88	0.11	90.7	2.004	9.77	30.35
		02/28/22	6.94	0.12	-76.5	2.253	9.04	9.26
		04/26/22	3.96	0.03	-1159.3	2.212	13.50	93.04
		07/26/22	6.32	0.02	-76.9	2.191	17.36	94.44
		10/26/22	6.30	0.09	-169.2	2.399	12.46	10.57
		01/24/23	6.59	0.16	-141.8	2.066	8.27	171.81
04/24/23	7.03	0.16	-229.3	1.927	10.18	128.57		
07/25/23	7.21	6.62	-261.9	1.600	25.35	328.11		

**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-2203	12/08/20	6.90	0.55	3.6	1.252	12.12	3.14
		04/09/21	7.40	3.50	161.5	1.181	10.57	3.99
		12/30/21	7.17	0.43	167.00	2.807	8.98	0.00
		01/31/22	7.37	0.37	193.3	1.129	10.34	0.09
		02/28/22	7.99	3.38	215.2	1.302	7.66	0.23
		04/26/22	9.27	0.51	-594.2	1.343	11.49	5.28
		07/26/22	6.85	0.14	111.5	1.451	13.67	1.24
		10/26/22	7.02	0.12	58.7	1.571	13.71	2.21
		01/24/23	7.45	0.54	29.4	1.282	8.23	0.00
		04/24/23	7.94	2.71	-64.1	1.161	11.31	0.11
		07/25/23	7.54	0.19	69.8	1.099	15.26	92.16
2	PZ-2203	12/08/20	7.38	5.67	217.1	1.352	11.56	0.00
		04/09/21	7.25	5.13	181.6	1.278	11.43	1.64
		12/30/21	7.51	1.60	146.20	2.603	9.89	13.94
		01/31/22	7.45	6.20	194.1	1.118	8.05	0.00
		02/28/22	7.91	2.75	208.4	1.307	7.37	0.00
		04/26/22	9.80	1.69	-558.8	1.224	12.60	2.56
		07/26/22	7.32	0.13	99.6	1.320	14.80	113.39
		10/26/22	7.37	0.14	8.4	1.471	12.31	107.92
		01/24/23	7.76	3.85	39.8	1.023	9.60	0.00
		04/24/23	7.37	0.89	-21.9	1.295	9.34	0.00
		07/25/23	7.12	0.21	140.1	1.282	16.98	43.24

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

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

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

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-2303	12/08/20	7.19	NM	58.5	1.202	10.78	2195.60
		04/09/21	7.52	18.48	-47.8	27.920	9.80	NM
		11/20/21	7.46	0.20	-228.4	1.266	12.37	39.39
		12/22/21	6.80	0.46	-124.8	1.750	8.04	134.92
		01/24/22	7.76	0.22	248.8	0.666	8.76	23.24
		04/27/22	7.37	0.19	-76.1	2.623	7.89	9.46
		07/26/22	7.40	0.20	-138.3	1.020	17.39	3.48
		10/26/22	7.64	0.22	-153.3	2.244	13.74	0.40
		01/23/23	7.99	0.69	-142.5	1.491	5.84	0.09
		04/24/23	7.83	0.11	-295.3	1.931	9.58	0.60
07/24/23	7.28	0.24	-264.3	1.913	15.34	7.45		
3	PZ-2303	12/08/20	6.78	NM	-30.4	1.355	11.82	10.75
		04/09/21	7.00	17.63	-22.3	27.910	9.90	NM
		11/20/21	6.96	0.15	-220.5	2.827	13.47	1.22
		12/22/21	6.91	0.78	-183.6	2.579	7.23	8.70
		01/24/22	7.32	0.13	258.5	1.430	8.99	0.00
		04/27/22	7.09	0.15	-13.2	3.717	8.35	3.74
		07/26/22	6.85	0.12	-129.9	125.51	16.54	19.79
		10/26/22	7.21	NM	-280.2	4.20	13.88	43.58
		01/23/23	7.68	0.49	-140.0	2.10	7.47	0.36
		04/24/23	7.60	0.16	-239.9	1.93	11.28	19.90
07/24/23	7.23	0.12	-230.1	1.98	15.34	15.45		

mg/l = milligrams per liter
 NM = Not Measured

mV = millivolts
 °C= degrees Celcius

mS/cm = microSiemens per centimeter
 ntu = nephelometric turbidity units

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-44	05/17/18	7.13	1.98	25.0	2.627	12.28	NM
		10/18/18	7.22	0.87	63.9	5.294	17.35	NM
		04/16/19	6.86	1.13	176.4	4.491	11.21	NM
		10/09/19	7.01	4.75	266.9	3.664	17.55	NM
		04/15/20	7.03	2.65	114.8	4.406	8.47	NM
		11/04/20	7.07	NM	188.9	2.763	15.81	NM
		12/10/20	7.17	NM	163.8	2.242	13.00	21.71
		04/09/21	6.54	7.08	-2.2	88.010	8.87	NM
		12/08/21	7.18	0.47	-34.3	2.563	12.33	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	7.15	0.99	55.1	2.512	8.40	9.87
		04/25/22	7.64	2.05	102.8	4.034	9.73	0.77
		07/26/22	6.68	NM	176.3	4.181	17.68	0.00
		10/25/22	7.16	0.38	15.8	3.374	16.60	0.00
		01/25/23	7.83	0.72	59.2	2.744	10.06	0.00
04/25/23	7.17	3.47	83.2	5.365	8.76	0.87		
07/25/23	6.69	0.37	-8.4	4.703	17.78	7.92		
4	MW-65	5/21/2012	7.13	0.25	-92.9	3.763	12.07	NM
		5/27/2014	6.93	0.14	26.6	2.692	12.53	NM
		9/30/2014	6.91	0.67	-45.0	2.615	13.87	NM
		12/8/2014	7.13	0.38	-71.6	2.533	11.86	NM
		3/25/2015	7.06	0.26	-46.5	2.842	7.96	NM
		12/10/20	6.93	NM	-37.7	4.430	13.00	146.33
		04/09/21	6.73	0.24	-38.1	2.356	11.22	NM
		12/08/21	8.23	0.03	-370.7	4.459	10.40	39.07
		01/11/22	7.44	0.22	223.1	3.398	10.38	0.00
		02/07/22	7.48	0.18	-165.8	3.591	7.86	2.21
		04/25/22	7.00	0.07	-78.1	3.564	9.79	1.03
		07/26/22	6.77	0.04	75.4	3.696	14.55	0.00
10/25/22	7.14	0.06	-157.3	4.602	14.27	3.60		
01/25/23	7.62	0.00	-45.5	4.421	9.39	2.28		
4	MW-65R	04/25/23	7.07	0.28	-235.5	3.170	8.91	13.48
		07/24/23	6.88	0.52	-239.0	3.954	14.49	2.97
4	MW-108	05/17/18	6.97	4.42	108.9	3.831	12.57	NM
		10/17/18	7.08	0.64	43.7	3.751	16.91	NM
		04/16/19	6.90	6.00	170.5	4.499	13.09	NM
		10/09/19	7.03	0.21	232.3	3.335	16.89	NM
		04/14/20	7.00	3.09	97.9	5.294	7.94	NM
		11/04/20	6.90	NM	184.3	3.886	15.13	NM
		12/10/20	6.93	NM	172.0	4.652	12.64	1.69
		04/09/21	8.55	6.57	-97.5	41.070	9.10	NM
		12/08/21	6.80	0.98	-40.9	14.170	11.87	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	6.82	4.20	68.6	12.556	6.16	0.00
		04/25/22	6.69	7.00	108.0	12.487	9.47	33.37
		07/26/22	6.87	2.04	66.8	10.694	23.51	709.54
		10/25/22	6.91	0.31	29.6	10.084	16.44	3.08
01/25/23	6.79	7.69	93.7	9.510	7.17	2.62		
04/25/23	7.06	7.62	97.9	9.103	8.47	6.14		
07/25/23	6.86	1.52	-34.4	7,033.3	21.73	0.58		

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

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

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

Table 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	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
		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	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	<u>19.0</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	0.70 ^J
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	<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	6.0
1	MW-2101	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.30 ^J	< 0.42	< 1.4	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	< 0.47
1	MW-2101	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.41 ^J	< 0.42	< 1.4	< 0.47
1	MW-2101	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.73</u> ^J	< 0.42	< 1.4	< 0.47
1	MW-2101	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.73</u> ^J	< 0.42	< 1.4	< 0.47
1	MW-2101	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.1</u>	< 0.42	< 1.4	< 0.47
1	PZ-2101	12/9/2020	< 136	< 122	< 140	< 420	< 437	< 353	< 314	< 123	< 182	< 671	17600
1	PZ-2101	4/9/2021	< 148	< 291	< 146	< 224	< 179	< 163	< 176	< 148	< 208	< 690	11700
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	9410
1	PZ-2101	3/23/2022	< 185	< 364	< 182	< 280	< 223	< 204	< 219	< 185	< 260	< 862	13400
1	PZ-2101	4/27/2022	< 29.6	205	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	22000
1	PZ-2101	7/26/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	51200
1	PZ-2101	10/27/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	60000
1	PZ-2101	1/25/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	52900
1	PZ-2101	4/26/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	31300
1	PZ-2101	7/26/2023	< 73.9 ^{UJ}	326 ^J	< 72.9 ^{UJ}	< 112 ^{UJ}	< 89.3 ^{UJ}	< 81.5 ^{UJ}	< 87.8 ^{UJ}	< 73.9 ^{UJ}	< 104 ^{UJ}	< 345 ^{UJ}	29400 ^J

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> ^J	249	< 1.5
1	MW-2101	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.35 ^J	1.7	< 1.0
1	MW-2101	2/22/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.45 ^J	< 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	0.34 ^J	2.8	< 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	0.24 ^J	< 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	0.44 ^J	< 1.0
1	MW-2101	1/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.38 ^J	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.56 ^J	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	7/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.74 ^{J+}	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2101	12/9/2020	< 159	< 290	< 354	< 405	< 424	< 163	< 135	< 232	40300	258 ^J	< 750
1	PZ-2101	4/9/2021	< 163	< 160	< 429	< 173	< 212	< 204	< 144	< 264	24400	153 ^J	< 524
1	PZ-2101	2/24/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	< 52.8	11800	143	< 105
1	PZ-2101	3/23/2022	< 203	< 200	< 536	< 216	< 265	< 255	< 180	< 330	64200	134 ^J	< 655
1	PZ-2101	4/27/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	71.3 ^J	< 28.8	< 52.8	92400	373	< 105
1	PZ-2101	7/26/2022	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	70300	2780	< 1050
1	PZ-2101	10/27/2022	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	77500	13700	< 1050
1	PZ-2101	1/25/2023	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	85100	21200	< 1050
1	PZ-2101	4/26/2023	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	57400	22300	< 1050
1	PZ-2101	7/26/2023	< 81.3 ^{UJ}	< 79.9 ^{UJ}	< 214 ^{UJ}	< 86.3 ^{UJ}	< 106 ^{UJ}	< 102 ^{UJ}	< 72.0 ^{UJ}	< 132 ^{UJ}	12100 ^{J-}	14900 ^{J-}	< 262 ^{UJ}

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

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	cis-1,2-Dichloro ethene
			ES	850	7	5	480	480	600	600	5	0.6	400	70
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
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	317	
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	194	
1	MW-2102	2/22/2022	0.77 ^J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	157	
1	MW-2102	3/22/2022	1.4 ^J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.86^J</u>	< 0.83	< 2.8	220	
1	MW-2102	4/27/2022	1.1 ^J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>1.1^J</u>	< 0.83	< 2.8	85.9	
1	MW-2102	7/25/2022	0.91 ^J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.85^J</u>	< 0.83	< 2.8	327	
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	192	
1	MW-2102	1/25/2023	0.30 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	<u>10.9</u>	
1	MW-2102	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	3.7	
1	MW-2102	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	2.7	
1	MW-2103	12/14/2020	< 1.4	<u>2.9^J</u>	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	1390	
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	1280	
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	6810	
1	MW-2103	4/27/2022	< 5.9	13.2^J	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	3330^J	
1	MW-2103	7/26/2022	< 5.9	24.1	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	5770	
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	329	
1	MW-2103	1/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	745	
1	MW-2103	4/26/2023	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	359	
1	MW-2103	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	88.2	
1	MW-2103 DU	12/14/2020	< 1.4	<u>3.7^J</u>	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	1500	
1	MW-2103 DU	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	1190	
1	MW-2103 DU	2/23/2022	< 3.0	64.5	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	9210	
1	MW-2103 DU	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	6710	
1	MW-2103 DU	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	2280^J	
1	MW-2103 DU	7/26/2022	< 5.9	20.8	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	4960	
1	MW-2103 DU	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	353	
1	MW-2103 DU	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	632	
1	MW-2103 DU	4/26/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	300	
1	MW-2103 DU	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	87.0	

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

Treatment Area	Sample Location	Sample Date	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
1	MW-2102	12/15/2020	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	2.5 ^J	< 1.3	218	< 7.5	
1	MW-2102	4/8/2021	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	2.3 ^J	< 1.3	222	< 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	151	< 2.1	
1	MW-2102	3/22/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	1.3 ^J	< 0.64	169	< 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^J</u>	76.0	< 2.1	
1	MW-2102	7/25/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	1.6 ^J	<u>0.87^J</u>	144	< 2.1	
1	MW-2102	10/27/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	< 2.6 ^{UJ}	< 1.6	60	< 5.2	
1	MW-2102	1/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	11.8	< 1.0	
1	MW-2102	4/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	4.9	< 1.0	
1	MW-2102	7/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.33 ^J	4.8	< 1.0	
1	MW-2103	12/14/2020	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	<u>90.1</u>	966	255	< 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>	429	284	< 10.5	
1	MW-2103	3/22/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	111	< 32.0	539	< 105	
1	MW-2103	4/27/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>94.3^J</u>	7.2^J	450	< 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^J</u>	< 6.4	1090	< 21.0	
1	MW-2103	10/27/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	4.3 ^J	< 1.6	2180	< 5.2	
1	MW-2103	1/25/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	11.1	10^J	1230	< 10.5	
1	MW-2103	4/26/2023	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	6.1	5.4	572	< 4.2	
1	MW-2103	7/26/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	8.7^J	526	< 10.5	
1	MW-2103 DU	12/14/2020	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	<u>98.7</u>	1130	257	< 7.5	
1	MW-2103 DU	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>71.5</u>	402	270	< 10.5	
1	MW-2103 DU	2/23/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	118	183	233	< 10.5	
1	MW-2103 DU	3/22/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	124	< 32.0	311	< 105	
1	MW-2103 DU	4/27/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>69.0^J</u>	< 6.4	513	< 21.0	
1	MW-2103 DU	7/26/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>61.4^J</u>	< 6.4	1230	< 21.0	
1	MW-2103 DU	10/27/2022	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	4.3 ^J	< 1.6	2350	< 5.2	
1	MW-2103 DU	1/25/2023	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	13.6 ^J	8.1^J	1030	< 26.2	
1	MW-2103 DU	4/26/2023	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	5.0	8.4	472	< 2.6	
1	MW-2103 DU	7/26/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	7.6^J	568	< 10.5	

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

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	cis-1,2-Dichloro ethene
			ES	850	7	5	480	480	600	600	5	0.6	400	70
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1	PZ-2103	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	10300	
1	PZ-2103	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	10800	
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	3310	
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	5370	
1	PZ-2103	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	4160	
1	PZ-2103	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	14300	
1	PZ-2103	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	11400	
1	PZ-2103	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	16200	
1	PZ-2103	4/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	47300^J	
1	PZ-2103	7/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	72600	
1	PZ-2103 DUP	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	9920	
1	PZ-2103 DUP	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	12000	
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	3130	
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	4550	
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	4290	
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	12200	
1	PZ-2103 DUP	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	12800	
1	PZ-2103 DUP	4/26/2023	< 591	< 1160	< 583	< 897	< 715	< 652	< 702	< 591	< 831	< 2760	13500^J	
1	PZ-2103 DUP	7/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	63700	
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	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	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	1.9	
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	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	1.6	
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	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	2.9	
1	MW-2104	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	2.2	
1	MW-2104	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	2.6	
1	MW-2104	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	2.5	
1	MW-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	<u>2.0</u>	< 0.36	< 1.3	<u>12.9</u>	

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-2103	12/14/2020	< 199	< 363	< 443	< 507	< 530	< 204	< 168	957^J	176000	< 109	< 938
1	PZ-2103	4/9/2021	< 406	< 399	< 1070	< 432	< 530	< 511	< 360	754^J	173000	< 218	< 1310
1	PZ-2103	2/24/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	161	15800	50.3^J	< 105
1	PZ-2103	4/7/2022	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	115	52200	75.6	< 105
1	PZ-2103	5/5/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	32000	< 34.9	< 210
1	PZ-2103	7/26/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	35300	65.7^J	< 210
1	PZ-2103	10/27/2022	< 2030	< 2000	< 5360	< 2160	< 2650	< 2550	< 1800	< 3300 ^{UJ}	268000	< 1090	< 6550
1	PZ-2103	1/25/2023	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	229000	< 872	< 5240
1	PZ-2103	4/26/2023	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	659000^J	< 872	< 5240
1	PZ-2103	7/26/2023	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	785000	< 872	< 5240
1	PZ-2103 DUP	12/14/2020	< 199	< 363	< 443	< 507	< 530	< 204	< 168	898^J	180000	< 109	< 938
1	PZ-2103 DUP	4/9/2021	< 406	< 399	< 1070	< 432	< 530	< 511	< 360	777^J	201000	< 218	< 1310
1	PZ-2103 DUP	2/24/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	155^J	14500	< 34.9	< 210
1	PZ-2103 DUP	4/7/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	22400	72.6	< 210
1	PZ-2103 DUP	5/5/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	133^J	32400	< 34.9	< 210
1	PZ-2103 DUP	7/26/2022	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	29800	56.3^J	< 210
1	PZ-2103 DUP	10/27/2022	< 2030	< 2000	< 5360	< 2160	< 2650	< 2550	< 1800	< 3300 ^{UJ}	252000	< 1090	< 6550
1	PZ-2103 DUP	4/26/2023	< 650	< 639	< 1710	< 691	< 848	< 817	< 576	< 1060	185000^J	< 349	< 2100
1	PZ-2103 DUP	7/26/2023	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	694000	< 872	< 5240
1	MW-2104	12/14/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	0.85^J	0.44^J	< 0.57 ^U	< 1.5
1	MW-2104	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.53^J	< 0.32	0.57^J	< 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^J	0.60^J	< 1.0
1	MW-2104	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.59^J	< 0.32	0.90^J	< 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^{J+}	< 1.0
1	MW-2104	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.61^J	0.39^J	0.87^J	< 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^J	< 1.0
1	MW-2104	1/23/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	0.64^J	< 1.0
1	MW-2104	4/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	2.0	< 1.0
1	MW-2104	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	3.0	< 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

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	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
		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-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	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	5.9
1	MW-2105	3/23/2022	0.95 ^J	< 0.58	< 0.29	0.72 ^J	< 0.36	< 0.33	< 0.35	0.36 ^J	< 0.42	< 1.4	70.6
1	MW-2105	4/26/2022	0.97 ^J	< 0.58	< 0.29	9.1	1.1	< 0.33	< 0.35	<u>1.3</u>	< 0.42	< 1.4	<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 ^J	< 0.42	< 1.4	<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	5
1	MW-2105	1/23/2023	< 0.30	< 0.58	< 0.29	0.88 ^J	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	<u>21.9</u>
1	MW-2105	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	107
1	MW-2105	7/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	<u>13.8</u>
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	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	1.6
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	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	1.3
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	1.4
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	0.98 ^J
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	1.1
1	PZ-2105	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	0.97 ^J
1	PZ-2105	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	0.86 ^J
1	PZ-2105	7/25/2023	< 0.30 ^{UJ}	< 0.58 ^{UJ}	< 0.29 ^{UJ}	< 0.45 ^{UJ}	< 0.36 ^{UJ}	< 0.33 ^{UJ}	< 0.35 ^{UJ}	< 0.30 ^{UJ}	< 0.42 ^{UJ}	< 1.4 ^{UJ}	< 0.47 ^{UJ}
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 ^J	237
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	<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 ^J	713
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 ^J	350
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	224
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	128
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	87.2
1	MW-2106	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47
1	MW-2106	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47
1	MW-2106	7/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	6.6 ^J
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 ^J	<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 ^J	3.5

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-2105	4/8/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>1.4</u>	2.4	4.8
1	MW-2105	2/23/2022	< 0.33	< 0.32	< 0.86	0.47^J	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.59^J</u>	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	1.0	1.2	0.98^J	< 0.41	< 0.29	0.54^J	<u>3.0</u>	5.0	2.6 ^J
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	<u>0.51^J</u>	3.4	< 1.0
1	MW-2105	1/23/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>3.1</u>	< 0.17	< 1.0
1	MW-2105	4/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.64^J	<u>12.3</u>	5.0	< 1.0
1	MW-2105	7/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>3.7</u>	2.0	< 1.0
1	PZ-2105	12/14/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	<u>2.5</u>	< 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	<u>1.2</u>	< 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	<u>0.86^J</u>	< 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	<u>0.78^J</u>	< 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	<u>0.82^J</u>	< 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	<u>0.72^J</u>	< 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	<u>1.5</u>	< 0.17	< 1.0
1	PZ-2105	1/23/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.98^J</u>	< 0.17	< 1.0
1	PZ-2105	4/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	0.47^J	< 0.17	< 1.0
1	PZ-2105	7/25/2023	< 0.33 ^{UJ}	< 0.32 ^{UJ}	< 0.86 ^{UJ}	< 0.35 ^{UJ}	< 0.42 ^{UJ}	< 0.41 ^{UJ}	< 0.29 ^{UJ}	< 0.53 ^{UJ}	< 0.32 ^{UJ}	< 0.17 ^{UJ}	< 1.0 ^{UJ}
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
1	MW-2106	1/23/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	5.9	< 1.0
1	MW-2106	4/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	65.9	< 1.0
1	MW-2106	7/25/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	811	< 10.5
1	MW-2107	12/9/2020	< 0.80	< 1.5	< 1.8	< 2.0	< 2.1	< 0.82	< 0.67	< 1.2	< 0.64	293	< 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	533	< 2.6

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	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
		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	2/21/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	<u>1.9</u> ^J	< 1.0	12.2 ^J	<u>14.2</u>
1	MW-2107	3/21/2022	0.50 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.6</u>	< 0.42	11.5	<u>10.1</u>
1	MW-2107	4/26/2022	3.4	< 0.58	< 0.29	< 0.45	< 0.36	0.50 ^J	0.39 ^J	<u>2.9</u>	< 0.42	20.7	1.6
1	MW-2107	7/25/2022	0.82 ^J	< 0.58	0.31 ^J	< 0.45	< 0.36	< 0.33	< 0.35	<u>2.0</u>	< 0.42	9.9	<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	< 0.47
1	MW-2107	1/24/2023	1.4	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.4</u>	< 0.42	5.8	< 0.47
1	MW-2107	4/26/2023	0.75 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.1</u>	< 0.42	7.1	< 0.47
1	MW-2107	7/25/2023	0.42 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.4</u>	< 0.42	8.6	< 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	3680
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	1150
1	PZ-2107	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	3.9	< 1.4	78.4
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	838
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	692
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	636
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	1040
1	PZ-2107	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	543
1	PZ-2107	4/26/2023	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	319
1	PZ-2107	7/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	515
1	MW-2108	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	0.27 ^J	< 0.36	< 1.3	< 0.27
1	MW-2108	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	0.36 ^J	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 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	< 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	< 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	< 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	< 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	< 0.47
1	MW-2108	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47
1	MW-2108	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47
1	MW-2108	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47

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-2107	2/21/2022	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	271	< 2.6
1	MW-2107	3/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.47^J	< 0.53	< 0.32	253	< 1.0
1	MW-2107	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.39^J	< 0.53	< 0.32	2.8	< 1.0
1	MW-2107	7/25/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34^J	< 0.53	< 0.32	286	< 1.0
1	MW-2107	10/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.67^J	< 0.53	< 0.32	16.5	1.1 ^J
1	MW-2107	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.30^J	< 0.53	< 0.32	0.18^J	< 1.0
1	MW-2107	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	1.1	< 1.0
1	MW-2107	7/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2107	12/9/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	51.9	< 2.6	1340	< 15.0
1	PZ-2107	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	21.5	< 3.2	177	< 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	3.5	< 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	903	< 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	83.3	< 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	376	< 10.5
1	PZ-2107	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	7.7^J	< 3.2	1100	< 10.5
1	PZ-2107	1/24/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	94.7	< 10.5
1	PZ-2107	4/26/2023	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	4.4	< 1.3	16.6	< 4.2
1	PZ-2107	7/25/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	220	< 10.5
1	MW-2108	12/9/2020	2.1^{J+}	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	0.74^J	< 0.46	< 0.26	2.3^{J+}	3.4
1	MW-2108	4/7/2021	1.3^{J+}	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.57^J	< 0.53	< 0.32	2.4^{J+}	2.0 ^J
1	MW-2108	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	1.8	< 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	2.0	< 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	3.1	< 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	2.0	< 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	2	< 1.0
1	MW-2108	1/23/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	2.0	< 1.0
1	MW-2108	4/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	4.0	< 1.0
1	MW-2108	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	2.9	< 1.0

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

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	cis-1,2-Dichloro ethene
			ES	850	7	5	480	480	600	600	5	0.6	400	70
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
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	87.4	
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	172	
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	96.8	
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	105	
1	MW-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	0.36 ^J	< 0.35	< 0.30	< 0.42	< 1.4	<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	99.6	
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	85.1	
1	MW-2109	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	74.3	
1	MW-2109	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	4.8	
1	MW-2109	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	<u>43.7</u>	
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	<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	<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	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	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	1.4	
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	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	3.4	
1	PZ-2109	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	1.8	
1	PZ-2109	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	2.1	
1	PZ-2109	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	3.0	
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	<u>8.4</u>	
1	MW-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.76 ^J	< 0.42	< 1.4	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	<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	<u>8.5</u>	
1	MW-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.36 ^J	< 0.42	< 1.4	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	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	<u>9.5</u>	
1	MW-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	5.5	
1	MW-2110	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.47 ^J	< 0.42	< 1.4	3.8	
1	MW-2110	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	<u>7.9</u>	

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-2109	12/9/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	1.3 ^J	< 0.26	27.7	< 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	51.6	< 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	81.1	< 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	77.3	< 1.0
1	MW-2109	4/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.84 ^J	< 0.32	18.8	< 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	70.4	< 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	98	< 1.0
1	MW-2109	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.92 ^J	< 0.32	90.8	< 1.0
1	MW-2109	4/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2109	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	94.9	< 1.0
1	PZ-2109	12/9/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	9.3	< 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	4.4^{J+}	< 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	11.2	< 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	10	< 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	7.7	< 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	12.8	< 1.0
1	PZ-2109	10/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53 ^{UJ}	< 0.32	12.9	< 1.0
1	PZ-2109	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	8.9	< 1.0
1	PZ-2109	4/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	14.0	< 1.0
1	PZ-2109	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	20.7	< 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	5.3	< 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 ^U	< 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	7.8	< 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	8.7	< 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	5.3	< 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	6.6	< 1.0
1	MW-2110	10/27/2022	< 0.33	0.38^J	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	8.9	< 1.0
1	MW-2110	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	5.7	< 1.0
1	MW-2110	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	6.1	< 1.0
1	MW-2110	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	7.4	< 1.0

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

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	cis-1,2-Dichloro ethene
			ES	850	7	5	480	480	600	600	5	0.6	400	70
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.47	
1	PZ-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2110	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2110	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	MW-2111	12/11/2020	< 34.1	< 30.6	< 35.0	< 105	< 109	< 88.2	< 78.5	< 30.8	< 45.5	< 168	742	
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	579	
1	MW-2111	2/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.78^J</u>	< 0.42	< 1.4	191	
1	MW-2111	3/23/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	<u>1.4^J</u>	< 1.7	< 5.5	362	
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	<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	801	
1	MW-2111	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	<u>1.6^J</u>	< 2.1	< 6.9	1250	
1	MW-2111	1/25/2023	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	<u>1.6^J</u>	< 2.1	< 6.9	2070	
1	MW-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.51^J</u>	< 0.42	< 1.4	<u>18.3</u>	
1	MW-2111	7/27/2023	< 0.30 ^{UJ}	< 0.58 ^{UJ}	< 0.29 ^{UJ}	< 0.45 ^{UJ}	< 0.36 ^{UJ}	< 0.33 ^{UJ}	< 0.35 ^{UJ}	<u>1.3^J</u>	< 0.42 ^{UJ}	< 1.4 ^{UJ}	<u>13.9^J</u>	
1	PZ-2111	12/11/2020	< 2.7	<u>3.7^J</u>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	2810	
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	1040	
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	140	
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	125	
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	99.1	
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	<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^J</u>	< 0.42	< 1.4	<u>35.6</u>	
1	PZ-2111	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.47^J</u>	< 0.42	< 1.4	<u>12.6</u>	
1	PZ-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.39^J</u>	< 0.42	<u>3.7^J</u>	<u>6.9</u>	
1	PZ-2111	7/27/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.36^J</u>	< 0.42	< 1.4	<u>7.1</u>	

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-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 ^{UJ}	< 0.32	< 0.17	< 1.0
1	PZ-2110	1/24/2023	< 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	4/26/2023	< 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	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2111	12/11/2020	< 39.8	< 72.6	< 88.5	< 101	< 106	< 40.8	< 33.7	<u>80.9</u> ^J	8210	< 21.8	< 188
1	MW-2111	4/8/2021	< 40.6	< 39.9	< 107	< 43.2	< 53.0	< 51.1	< 36.0	< 66.0	5340	34.8 ^J	< 131
1	MW-2111	2/24/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.32 ^J	0.82 ^J	25.1	5.5	< 1.0
1	MW-2111	3/23/2022	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	< 2.1	7.9	5.9	< 4.2
1	MW-2111	4/26/2022	0.37 ^J	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	2.2	< 0.53	20.5	< 0.17	< 1.0
1	MW-2111	7/26/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34 ^J	0.64 ^J	<u>1.3</u>	13.9	< 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	78.6	< 5.2
1	MW-2111	1/25/2023	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	2.7 ^J	< 1.6	411	< 5.2
1	MW-2111	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.31 ^J	< 0.53	<u>0.80</u> ^J	2.7	< 1.0
1	MW-2111	7/27/2023	< 0.33 ^{UJ}	< 0.32 ^{UJ}	< 0.86 ^{UJ}	< 0.35 ^{UJ}	< 0.42 ^{UJ}	< 0.41 ^{UJ}	0.73 ^{J-}	< 0.53 ^{UJ}	<u>1.5</u> ^{J-}	4.1 ^{J-}	< 1.0 ^{UJ}
1	PZ-2111	12/11/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	248	1550	77.8	< 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>	215	22.1	< 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> ^J	43.1	< 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	23.7	< 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	11.2	< 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 ^J	3.9	< 1.0
1	PZ-2111	10/27/2022	< 0.33	0.4 ^J	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.83 ^{J-}	<u>1.2</u>	4.4	< 1.0
1	PZ-2111	1/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	1.8	< 1.0
1	PZ-2111	4/26/2023	0.60 ^J	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.71</u> ^J	< 0.17	< 1.0
1	PZ-2111	7/27/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	<u>0.57</u> ^J	0.97 ^J	< 1.0

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

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	cis-1,2-Dichloro ethene
			ES	850	7	5	480	480	600	600	5	0.6	400	70
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
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	809	
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	641	
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	683	
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	682	
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	369	
1	MW-2112	7/25/2022	< 0.30	<u>1.1</u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.42^J	< 0.42	< 1.4	739	
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	587	
1	MW-2112	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	516	
1	MW-2112	4/25/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	220	
1	MW-2112	7/26/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	595	
1	MW-2112 DU	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	761	
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	1.0	
1	PZ-2112	4/8/2021	< 0.30 ^{UJ}	< 0.58 ^{UJ}	< 0.29 ^{UJ}	< 0.45	< 0.36	< 0.33 ^{UJ}	< 0.35 ^{UJ}	< 0.30 ^{UJ}	< 0.42 ^{UJ}	< 1.4 ^{UJ}	< 0.47 ^{UJ}	
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	0.59 ^J	
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	0.58 ^J	
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	< 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	< 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	< 0.47	
1	PZ-2112	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2112	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2112	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2112 DUF	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	0.84 ^J	
1	MW-2113	12/14/2020	< 0.27	0.51^J	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	321	
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	<u>14.0</u>	
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	716	
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	707	
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	108	
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	<u>24.1</u>	
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	269	
1	MW-2113	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	376	
1	MW-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	682	
1	MW-2113	7/26/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	2270	

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

Treatment Area	Sample Location	Sample Date	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
1	MW-2112	12/15/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	8.5 ^J	< 2.6	305	< 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	282	< 10.5	
1	MW-2112	2/22/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	6.5 ^J	< 3.2	407	< 10.5	
1	MW-2112	3/21/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	5.5 ^J	< 3.2	440	< 10.5	
1	MW-2112	4/26/2022	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	3.7 ^J	1.4 ^J	301	< 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	412	< 1.0	
1	MW-2112	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	5.4 ^J	< 3.2	373	< 10.5	
1	MW-2112	1/24/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	14.4	< 3.2	332	< 10.5	
1	MW-2112	4/25/2023	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	1.7 ^J	< 0.64	171	< 2.1	
1	MW-2112	7/26/2023	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	2.0 ^J	< 0.64	418	< 2.1	
1	MW-2112 DU	12/15/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	6.8 ^J	< 2.6	302	< 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 ^J	4.6^J	< 1.5	
1	PZ-2112	4/8/2021	< 0.33 ^{UJ}	< 0.32 ^{UJ}	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29 ^{UJ}	< 0.53 ^{UJ}	0.46 ^J	1.1^J	< 1.0 ^{UJ}	
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	0.54 ^J	< 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	0.45^J	< 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	1/24/2023	< 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	4/25/2023	< 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	7/26/2023	< 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 DUF	12/15/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	0.26 ^J	1.7^{J+}	< 1.5	
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>	706	< 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	781	< 10.5	
1	MW-2113	2/23/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>73.0</u>	< 3.2	1660	< 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	3550	< 10.5	
1	MW-2113	4/26/2022	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	<u>25.0</u>	< 6.4	2040	< 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	1300	< 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^J</u>	< 1.3	3050	< 4.2	
1	MW-2113	1/25/2023	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	<u>31.9</u>	< 8.0	1710	< 26.2	
1	MW-2113	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	<u>28.4</u>	0.57 ^J	1010	< 1.0	
1	MW-2113	7/26/2023	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	<u>53.0</u>	< 8.0	1950	< 26.2	

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

Treatment Area	Sample Location	Sample Date	Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	cis-1,2-Dichloro ethene
			ES	850	7	5	480	480	600	600	5	0.6	400	70
			PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
			Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
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	16000	
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	11800	
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	2740	
1	PZ-2113	3/23/2022	< 0.59	<u>2.5</u>	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.90</u> ^J	< 0.83	< 2.8	2920	
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	888	
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	108	
1	PZ-2113	10/27/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	<u>0.85</u> ^J	< 0.83	< 2.8	<u>40.9</u>	
1	PZ-2113	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>1.1</u>	< 0.42	< 1.4	<u>7.8</u>	
1	PZ-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.96</u> ^J	< 0.42	< 1.4	<u>8.1</u>	
1	PZ-2113	8/28/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>0.89</u> ^J	< 0.42	< 1.4	<u>25.3</u>	
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	<u>7.6</u>	
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 ^J	<u>9.5</u>	
1	MW-2114	2/21/2022	0.40 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	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	3.1	
1	MW-2114	4/26/2022	0.53 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	4.3	
1	MW-2114	7/25/2022	0.30 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	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	<u>7.8</u>	
1	MW-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	4.9	
1	MW-2114	4/26/2023	0.53 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	5.7	
1	MW-2114	7/24/2023	0.35 ^J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	6.0	
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	< 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	< 0.47	
1	PZ-2114	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	<u>0.49</u> ^J	< 1.4	< 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	< 0.47	
1	PZ-2114	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	0.35 ^J	< 0.35	< 0.30	< 0.42	< 1.4	< 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	< 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	< 0.47	
1	PZ-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2114	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	
1	PZ-2114	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.47	

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	PZ-2113	12/14/2020	< 31.9	< 58.1	< 70.8	< 81.1	< 84.9	< 32.6	< 26.9	1760	5060	286	< 150
1	PZ-2113	4/9/2021	< 40.6	< 39.9	< 107	< 43.2	< 53.0	< 51.1	< 36.0	1270	4240	126	< 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>	6.9^J	359	< 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^J</u>	888	< 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^J</u>	< 12.8	2090	< 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^J</u>	835	< 5.2
1	PZ-2113	10/27/2022	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	12 ^J	< 0.64	177	< 2.1
1	PZ-2113	1/25/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34 ^J	7.1	0.40 ^J	47.0	< 1.0
1	PZ-2113	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.44 ^J	2.8	0.37 ^J	35.8	< 1.0
1	PZ-2113	8/28/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.37 ^J	2.4	<u>0.88^J</u>	87.7	< 1.0
1	MW-2114	12/14/2020	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	0.51 ^J	< 0.26	4.7	< 1.5
1	MW-2114	4/7/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.66 ^J	< 0.32	7.3^{J+}	< 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	4.2	< 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	3.5	< 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	7.0	< 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	3.4	< 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	4.1	< 1.0
1	MW-2114	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	3.9	< 1.0
1	MW-2114	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	7.5	< 1.0
1	MW-2114	7/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	4.3	< 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 ^U	< 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
1	PZ-2114	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	0.53^J	< 1.0
1	PZ-2114	4/26/2023	< 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	7/24/2023	< 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	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	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	16^J	< 12.5	< 9.4	1420
1	MW-61	9/13/2017	< 4.8	< 8.2	< 3.4	< 10	< 10	< 10	< 10	18.8^J	< 10	< 7.5	2160
1	MW-61	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	16.6^J	< 12.5	< 9.4	2540
1	MW-61	12/11/2020	< 2.7	<u>5.3^J</u>	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	12.4	< 3.6	< 13.4	1850
1	MW-61	4/8/2021	< 3.0	<u>6.0^J</u>	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	11.0	< 4.2	< 13.8	3080
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	259
1	MW-61	3/22/2022	< 3.0	13.1	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	19.2	< 4.2	< 13.8	8570
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	<u>58.8^J</u>
1	MW-61	7/25/2022	< 3.0	8.0^J	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	13.1	< 4.2	< 13.8	4720
1	MW-61	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	5.6^J	< 4.2	< 13.8	1010
1	MW-61	1/24/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	<u>4.9</u>	< 1.0	< 3.4	121
1	MW-61	4/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	1140
1	MW-61	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	1210
1	MW-61 DUP	6/15/2017	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	19.1^J	< 12.5	< 9.4	1280
1	MW-61 DUP	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	16.3^J	< 12.5	< 9.4	2560
1	MW-61 DUP	4/27/2022	< 0.30	<u>3.2</u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	154^J
1	MW-61 DUP	7/25/2022	< 3.0	9.8^J	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	13.2	< 4.2	< 13.8	4670
1	MW-61 DUP	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	7.7^J	< 4.2	< 13.8	1070
1	PZ-61	6/15/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	5290
1	PZ-61	9/13/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	2880
1	PZ-61	3/21/2018	< 2.4	< 4.1	< 1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 3.7	1210
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	0.61 ^J
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	2.3
1	PZ-61	2/21/2022	< 0.30	<u>4.6</u>	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	<u>2.8</u>	< 0.42	< 1.4	1230
1	PZ-61	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.30^J	< 0.42	< 1.4	2.2
1	PZ-61	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.31^J	< 0.42	< 1.4	1.7
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	2.6
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	2.1
1	PZ-61	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	1.3
1	PZ-61	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	0.65 ^J
1	PZ-61	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	0.93 ^J

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	<u>42.6</u>	61.4	760	< 37.5
1	MW-61	9/13/2017	< 10	< 4.7	< 10	< 10	< 43.7	< 10	< 10	103	111	835	< 30
1	MW-61	3/21/2018	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	104	3280	< 37.5
1	MW-61	12/11/2020	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	<u>37.2</u>	124	1150	< 15.0
1	MW-61	4/8/2021	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>73.7</u>	176	1170	< 10.5
1	MW-61	2/23/2022	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	2.8	13.7	53.1	< 2.6
1	MW-61	3/22/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>22.8</u>	18.0	2710	< 10.5
1	MW-61	4/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2 ^U	543	< 10.5
1	MW-61	7/25/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>37.2</u>	168	3020	< 10.5
1	MW-61	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	8.2 ^J	9 ^J	680	< 10.5
1	MW-61	1/24/2023	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	246	< 2.6
1	MW-61	4/26/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	7.1 ^J	10.2	1040	< 10.5
1	MW-61	7/26/2023	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	8.4 ^J	12.6	1560	< 10.5
1	MW-61 DUP	6/15/2017	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	<u>44.7</u>	68.6	752	< 37.5
1	MW-61 DUP	3/21/2018	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	116	3140	< 37.5
1	MW-61 DUP	4/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	2.1	40.5 ^J	707	< 1.0
1	MW-61 DUP	7/25/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	<u>46.2</u>	167	3030	< 10.5
1	MW-61 DUP	10/27/2022	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	7 ^J	679	< 10.5
1	PZ-61	6/15/2017	< 25	< 11.6	< 25	< 25	< 109	< 25	32.5 ^J	<u>78</u>	251	272	< 75
1	PZ-61	9/13/2017	< 25	< 11.6	< 25	< 25	< 109	< 25	< 25	< 12.8	37.9 ^J	203	< 75
1	PZ-61	3/21/2018	< 5	< 2.3	< 5	< 5	< 21.9	< 5	< 5	< 2.6	<u>4.2</u> ^J	81.2	< 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 ^U	< 1.5
1	PZ-61	4/7/2021	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.0	< 0.53	<u>0.77</u> ^J	< 0.27 ^U	< 1.0
1	PZ-61	2/21/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	7.0	31.2	270	< 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	0.66 ^J	< 1.0
1	PZ-61	10/27/2022	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.92 ^J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	1/24/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.2	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	4/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.42 ^J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	7/26/2023	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.3	< 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	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	7
		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	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 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	< 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	< 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	< 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	< 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	PZ-75	6/14/2017	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	18.6	< 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	65.1	< 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	673	< 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</u> ^J	75.1	< 1.0

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

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

NE= Not Established

^U = Qualified nondetect due to contamination

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

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

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

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	T	D	T	T	T	T	T	T	T	T	T	N	N	N		
1	MW-2101	12/9/2020		0.078	< 0.0010	< 0.00024	0.0011	<u>1.2</u>	<u>1.2</u>	<u>0.21</u>	<u>0.2</u>	380	25.0 ^J	86.5	<u>192</u>	< 1.2	7.7	4.5 ^J	< 1.2	182	
1	MW-2101	4/8/2021		0.084	< 0.0010	< 0.00024	0.0051	< 0.058	<u>5.3</u>	<u>0.18</u>	<u>0.23</u>	373	23.7 ^J	40.4	<u>322</u>	< 1.2	7.3	< 1.2	< 1.2	5.9	
1	MW-2101	2/22/2022		0.022	< 0.0010	< 0.00024	< 0.00028	<u>112</u>	<u>76.5</u>	<u>0.17</u>	<u>0.09</u>	767	1730	49.9	< 4.4	< 1.2	587	49.5	42.8	349	
1	MW-2101	3/21/2022		0.04	< 0.0010	< 0.00024	< 0.00028	<u>161</u>	<u>142</u>	<u>0.24</u>	<u>0.21</u>	909	1580	58.1	< 4.4	< 1.2	654	68.9	51.2	926	
1	MW-2101	4/27/2022		0.085	< 0.0010	< 0.00024	0.00095 ^J	<u>42.6</u>	<u>42.6</u>	<u>0.16</u>	<u>0.16</u>	747	936	57.7	48.7	< 1.2	337	47.3	42.2	116	
1	MW-2101	7/26/2022		0.1	< 0.0010	< 0.00024	< 0.00028	<u>24.9</u>	<u>27</u>	<u>0.091</u>	<u>0.091</u>	758 ^J	1280	48.2	< 4.4	< 1.2	481 ^J	71.4	43.1	1870	
1	MW-2101	10/27/2022		0.24	0.0015 ^J	< 0.00024	< 0.00028	<u>38</u>	<u>34.9</u>	<u>0.12</u>	<u>0.11</u>	808	1260	92.1	< 2.2	< 1.2	516	69.4	75.1	4800	
1	MW-2101	1/25/2023		0.076	< 0.0010	< 0.00024	< 0.00028	<u>21.6</u>	<u>22.8</u>	0.026	0.024	493	781	58.1	< 4.4	< 1.2	286	93.6	364	7980	
1	MW-2101	4/26/2023		0.047	0.0015 ^J	< 0.00024	0.00042 ^J	<u>12.7</u>	<u>11.3</u>	0.013	0.011	470	659	76.5	< 4.4	< 1.2 ^{UJ}	234	84.3	173	17900	
1	MW-2101	7/26/2023		0.17	< 0.0010	< 0.00024	< 0.00028	<u>82.9</u>	<u>85.8</u>	<u>0.07</u>	<u>0.071</u>	937	1350	73.2	< 4.4	< 1.2	541	124	195	7710	
1	PZ-2101	12/9/2020		0.069	< 0.0010	< 0.00024	0.0027	<u>1.5</u>	<u>1.5</u>	<u>0.16</u>	<u>0.15</u>	357	48.4 ^J	<u>396</u>	<u>426</u>	< 1.2	8	1.7 ^J	10.2	102	
1	PZ-2101	4/9/2021		0.069	< 0.0010	< 0.00024	0.0024	<u>0.19</u> ^J	<u>0.17</u> ^J	<u>0.1</u>	<u>0.1</u>	378	43.9 ^J	<u>472</u>	<u>533</u>	< 1.2	6.9	1.4 ^J	4.6 ^J	49.3	
1	PZ-2101	2/24/2022		<u>1.8</u>	< 0.010	< 0.0024	< 0.0028	<u>806</u>	<u>872</u>	<u>2.5</u>	<u>2.5</u>	4870	15400	<u>316</u>	22.6 ^J	< 1.2	0.19 ^J	512	3150	310	
1	PZ-2101	3/23/2022		<u>1.9</u>	< 0.010	< 0.0024	< 0.0028	<u>593</u>	<u>595</u>	<u>2.5</u>	<u>2.5</u>	5750	13700	<u>412</u>	< 8.9	< 1.2	4480	666	3380	355	
1	PZ-2101	4/27/2022		<u>2</u>	< 0.010	< 0.0024	< 0.0028	<u>596</u>	<u>553</u>	<u>2.6</u>	<u>2.3</u>	5980	15000	<u>461</u>	36.6 ^J	1.4 ^J	4430	1890	7100	831	
1	PZ-2101	7/26/2022		<u>2.1</u>	< 0.0020	< 0.00047	< 0.00057	<u>636</u>	<u>640</u>	<u>2.5</u>	<u>2.5</u>	4880 ^J	14800	<u>531</u>	< 8.9	< 12.0	4460 ^J	1770	5950	959	
1	PZ-2101	10/27/2022		<u>2.4</u>	< 0.0051	< 0.0012	< 0.0014	<u>583</u>	<u>595</u>	<u>2.2</u>	<u>2.4</u>	5890 ^J	12400	<u>706</u>	< 8.9	< 1.2	4400	1620 ^J	7830 ^J	836 ^J	
1	PZ-2101	1/25/2023		<u>2.3</u>	< 0.010	< 0.0024	< 0.0028	<u>584</u>	<u>615</u>	<u>1.8</u>	<u>1.9</u>	4600	11600	<u>901</u>	< 8.9	< 1.2	3640	3690	20700	1730	
1	PZ-2101	4/26/2023		<u>1.6</u>	< 0.0051	< 0.0012	< 0.0014	<u>485</u>	<u>471</u>	<u>1.3</u>	<u>1.3</u>	4550	9390	<u>882</u>	18.9 ^J	48.0 ^J	1640	5210	6530	2860	
1	PZ-2101	7/26/2023		<u>2</u>	< 0.0051	< 0.0012	< 0.0014	<u>405</u>	<u>450</u>	<u>1.1</u>	<u>1.1</u>	4550	9390	<u>978</u>	< 22.2	< 1.2	3330	2080	11800	801	
1	MW-2102	12/15/2020		0.066	< 0.0010	< 0.00024	0.0033	<u>3.2</u>	<u>3.4</u>	<u>0.3</u>	<u>0.32</u>	347	41.7 ^J	88.5	<u>400</u> ^J	< 1.2	10.9	< 1.2	2.2 ^J	15.5	
1	MW-2102	4/8/2021		0.055	< 0.0010	< 0.00024	0.0029	<u>2.7</u>	<u>4.1</u>	<u>0.32</u>	<u>0.3</u>	346	35.0 ^J	117	<u>411</u>	< 1.2	11	< 1.2	3.0 ^J	37.5	
1	MW-2102	2/22/2022		0.03	< 0.0020	< 0.00047	< 0.00057	<u>470</u>	<u>448</u>	<u>2.1</u>	<u>2.3</u>	1530	1950	<u>129</u>	< 8.9	< 1.2	883	9.7	14.8	1200	
1	MW-2102	3/22/2022		0.035	< 0.0051	< 0.0012	0.0019 ^J	<u>306</u>	<u>287</u>	<u>2.4</u>	<u>2.5</u>	1000	1670	94.4	<u>465</u>	< 1.2	588	16.1	16.4	5690	
1	MW-2102	4/27/2022		0.021	< 0.0010	0.00031 ^J	0.012	<u>163</u>	<u>158</u>	<u>3.6</u>	<u>3.8</u>	903	1330	80.3	<u>713</u>	< 1.2	396	9.6	8.5	6310	
1	MW-2102	7/25/2022		0.011	< 0.0010	< 0.00024	< 0.00028	<u>237</u>	<u>221</u>	<u>1.8</u>	<u>1.9</u>	1170 ^J	4130	124 ^J	< 2.2	< 12.0	1570	7.1	12.5	6640	
1	MW-2102	10/27/2022		0.091	< 0.0020	< 0.00047	< 0.00057	<u>188</u>	<u>175</u>	<u>1.7</u>	<u>1.9</u>	1290 ^J	1870	<u>176</u> ^J	< 4.4	< 1.2	699	6.3	32.1	8980	
1	MW-2102	1/25/2023		0.027	< 0.0010	< 0.00024	0.0021	<u>6.8</u>	<u>7.3</u>	<u>0.71</u>	<u>0.63</u>	812	560	83.1	<u>690</u>	1.4 ^J	211	< 0.39	13.1	6720	
1	MW-2102	4/25/2023		0.018	< 0.0010	< 0.00024	0.0027	<u>2</u>	<u>3.7</u>	<u>0.6</u>	<u>0.58</u>	1220	930	68.1	52.5	6.4	290	5.6	11.4	10400	
1	MW-2102	7/26/2023		0.037	< 0.0010	0.00033 ^J	< 0.0028	<u>20.2</u>	<u>24.3</u>	<u>1.4</u>	<u>1.5</u>	1400	1580	<u>130</u>	< 4.4	< 1.2	506	5.2 ^J	9.4	4220	
1	MW-2103	12/14/2020		0.066	< 0.0010	< 0.00062 ^L	0.0025	<u>0.69</u>	<u>0.7</u>	<u>0.16</u>	<u>0.16</u>	366 ^J	15.5 ^J	<u>134</u>	<u>163</u>	< 1.2	5.3	4.5 ^J	44	120	
1	MW-2103	4/23/2021		0.071	< 0.0010	< 0.00024	0.0011 ^J	<u>1.1</u>	<u>1.1</u>	<u>0.16</u>	<u>0.16</u>	344	23.7 ^J	<u>171</u>	<u>141</u>	< 1.2	6	11.4	52.5	464	
1	MW-2103	2/23/2022		0.038	< 0.0010	< 0.00024	0.012	<u>46.7</u>	<u>36.6</u>	<u>1.1</u>	<u>0.54</u>	830	984	<u>164</u>	<u>754</u>	< 1.2	348	2.8 ^J	13	40.4	
1	MW-2103	3/22/2022		0.31	< 0.0010	< 0.00024	0.0014	<u>32.8</u>	<u>29.6</u>	<u>0.47</u>	<u>0.43</u>	947	867	<u>201</u>	<u>216</u>	< 1.2	323	2.4 ^J	21.3	72.8	
1	MW-2103	4/27/2022		0.27	< 0.0010	< 0.00024	0.00052 ^J	<u>13.5</u>	<u>11.4</u>	<u>0.92</u>	<u>0.98</u>	1300	861	<u>185</u>	<u>320</u>	4.4	263	3.0 ^J	28.5	70.2	
1	MW-2103	7/26/2022		0.28	< 0.0010	< 0.00024	0.00081 ^J	<u>15.1</u> ^J	<u>8.1</u> ^J	<u>0.76</u> ^J	<u>0.60</u> ^J	971 ^J	450	<u>146</u>	17.1 ^J	1.6 ^J	142 ^J	1.6 ^J	952	118	
1	MW-2103	10/27/2022		0.16	< 0.0010	< 0.00024	0.00055 ^J	<u>7.5</u>	<u>8.3</u>	<u>0.47</u>	<u>0.46</u>	373 ^J	15.7 ^J	<u>132</u> ^J	<u>130</u>	< 1.2	6.4	5.1 ^J	911	1160	
1	MW-2103	1/25/2023		0.099	< 0.0010	< 0.00024	0.0027	<u>6</u>	<u>8.5</u>	<u>0.45</u>	<u>0.47</u>	468	81.4	<u>204</u>	<u>1100</u>	< 1.2	13.9	6.4	553	2230	
1	MW-2103	4/26/2023		0.048	< 0.0010	< 0.00024	0.0033	<u>11.6</u>	<u>12.2</u>	<u>0.59</u>	<u>0.58</u>	631	60.2	<u>158</u>	<u>1170</u>	< 1.2	19.1	11.7	284	8870	
1	MW-2103	7/26/2023		0.081	< 0.0010	< 0.00024	0.0014	<u>3.4</u>	<u>4.8</u>	<u>0.26</u>	<u>0.27</u>	431	43.2 ^J	<u>166</u>	<u>218</u>	< 1.2	13.8	11.7	498	2950	

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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	N	N	N	N			
1	MW-2103 DUP	12/14/2020	0.064	< 0.0010	< 0.00037	0.0025	<u>0.67</u>	<u>0.66</u>	<u>0.15</u>	<u>0.15</u>	364 ^J	25.0 ^J	<u>130</u>	<u>173</u>	< 1.2	5	5.0 ^J	51.7	129				
1	MW-2103 DUP	4/8/2021	0.07	< 0.0010	< 0.00024	0.0051 ^J	<u>1.1</u>	<u>1.3</u>	<u>0.16</u>	<u>0.18</u>	344	23.7 ^J	<u>168</u>	<u>145</u>	< 1.2	6	11.2	51	423				
1	MW-2103 DUP	2/23/2022	0.04	< 0.0010	< 0.00024	0.0017	<u>36.2</u>	<u>36.7</u>	<u>0.53</u>	<u>0.55</u>	847	1010	<u>174</u>	<u>712</u>	< 1.2	402	4.6 ^J	19.5	34.5				
1	MW-2103 DUP	3/22/2022	0.3	< 0.0010	< 0.00024	0.00073 ^J	<u>26.9</u>	<u>27.3</u>	<u>0.41</u>	<u>0.41</u>	946	856	<u>202</u>	<u>227</u>	< 1.2	290	1.3 ^J	10.8	34.1				
1	MW-2103 DUP	4/27/2022	0.24	< 0.0010	< 0.00024	0.00043 ^J	<u>14.5^J</u>	<u>9.5^J</u>	<u>0.85</u>	<u>0.99</u>	1270	707	<u>187</u>	<u>333</u>	4.6	231	3.7 ^J	36	88.7				
1	MW-2103 DUP	7/26/2022	0.22	< 0.0010	< 0.00024	0.00070 ^J	<u>7.4^J</u>	<u>7.9</u>	<u>0.61</u>	<u>0.6</u>	981 ^J	509	<u>146</u>	18.8 ^{Ja}	2.2 ^J	134 ^J	1.7 ^J	928	125				
1	MW-2103 DUP	10/27/2022	0.16	< 0.0010	< 0.00024	0.00054 ^J	<u>7.5</u>	<u>8.8</u>	<u>0.47</u>	<u>0.48</u>	320 ^{Ja}	22 ^J	<u>133^J</u>	123	< 1.2	6.4	5.7	1140	1330				
1	MW-2103 DUP	1/25/2023	0.1	< 0.0010	< 0.00024	0.0025	<u>6.1</u>	<u>8.6</u>	<u>0.46</u>	<u>0.47</u>	454	75	<u>205</u>	<u>1060</u>	< 1.2	14.4	6.9	540	2170				
1	MW-2103 DUP	4/26/2023	0.046	< 0.0010	< 0.00024	0.0036	<u>10.9</u>	<u>12.3</u>	<u>0.58</u>	<u>0.59</u>	612	60.2	<u>160</u>	<u>1190</u>	< 1.2	18.9	12.1	295	7830				
1	MW-2103 DUP	7/26/2023	0.085	< 0.0010	< 0.00024	0.0014	<u>3.4</u>	<u>5.2</u>	<u>0.27</u>	<u>0.27</u>	429	45.4 ^J	<u>165</u>	<u>216</u>	< 1.2	14.1	14.3	338	2420				
1	PZ-2103	12/14/2020	0.12	< 0.0010	< 0.00024	0.002	0.10 ^J	0.075 ^J	<u>0.079</u>	<u>0.075</u>	296	32.7 ^J	<u>224</u>	<u>208</u>	< 1.2	3.7	1.3 ^J	6.8	21.2				
1	PZ-2103	4/9/2021	0.081	< 0.0010	< 0.00024	0.0022	< 0.058	0.065 ^J	<u>0.064</u>	<u>0.063</u>	337	50.7	<u>275</u>	<u>412</u>	< 1.2	3.8	< 1.2	2.4 ^J	11.8				
1	PZ-2103	2/24/2022	0.024	0.0030 ^J	< 0.0047	0.0017	<u>263</u>	<u>304</u>	<u>0.64</u>	<u>1.2</u>	2290	7090	<u>245</u>	<u>5220</u>	< 1.2	2260	218	2190	45.8				
1	PZ-2103	4/7/2022	0.023	< 0.020	< 0.0047	< 0.0057	<u>80.3</u>	<u>85.2</u>	<u>0.54</u>	<u>0.55</u>	3510	4280	<u>472</u>	<u>5930</u>	1.2	1150	386	2460	81				
1	PZ-2103	5/5/2022	0.023 ^J	< 0.010	< 0.0024	0.0099 ^J	<u>75.8</u>	<u>82.9</u>	<u>0.72</u>	<u>0.79</u>	3570	3920	<u>476</u>	<u>9980</u>	1.8 ^J	1110	254	2450	53.9				
1	PZ-2103	7/26/2022	0.045 ^J	< 0.020	< 0.0047	0.0071 ^J	<u>19.2^J</u>	<u>18.4</u>	<u>0.88</u>	<u>0.88</u>	3410 ^J	2590	<u>500</u>	<u>11500^{Ja}</u>	40.0 ^J	733 ^J	281	1430 ^J	66.3				
1	PZ-2103	10/27/2022	0.027 ^J	< 0.020	< 0.0047	0.011 ^J	<u>54.3</u>	<u>70</u>	<u>1.5</u>	<u>1.9</u>	5410 ^{Ja}	5060	<u>777^J</u>	<u>19500</u>	2.2 ^J	1020	98.3	1860	29.4				
1	PZ-2103	1/25/2023	0.022 ^J	< 0.010	< 0.0024	0.0096 ^J	<u>70.5</u>	<u>90.6</u>	<u>1.8</u>	<u>2.1</u>	5090	9100	<u>833^J</u>	<u>14500</u>	< 1.2	2130	291	2680 ^J	65.9				
1	PZ-2103	4/26/2023	0.021 ^J	< 0.010	< 0.0024	0.0084 ^J	<u>82.5^J</u>	<u>66.4^J</u>	<u>1.6</u>	<u>1.9</u>	4720	6210	<u>906^J</u>	<u>13100</u>	< 12.0	1930	339 ^J	11300 ^J	55.0 ^J				
1	PZ-2103	7/26/2023	0.019	< 0.020	< 0.0047	0.0085	<u>109</u>	<u>98</u>	<u>1.4</u>	<u>1.3^J</u>	4130	7560	<u>833</u>	<u>8080</u>	1.4 ^J	1490	468	5130	78.8				
1	PZ-2103 DUP	12/14/2020	0.11	< 0.0010	< 0.00024	0.0021	< 0.058	< 0.058	<u>0.069</u>	<u>0.065</u>	297	35.0 ^J	<u>232</u>	<u>216</u>	< 1.2	3.7	< 1.2	4.5 ^J	17.4				
1	PZ-2103 DUP	4/9/2021	0.078	< 0.0010	< 0.00024	0.0028	< 0.058	0.065 ^J	<u>0.061</u>	<u>0.062</u>	335	41.7 ^J	<u>273</u>	<u>394</u>	< 1.2	3.8	< 1.2	2.6 ^J	14.3				
1	PZ-2103 DUP	2/24/2022	0.024	0.0030 ^J	< 0.0047	0.001	<u>263</u>	<u>293</u>	<u>0.66</u>	<u>1.4</u>	2410	7580	<u>276</u>	<u>5540</u>	< 1.2	2050	232	2550	50.3				
1	PZ-2103 DUP	4/7/2022	0.025	< 0.020	< 0.0047	< 0.0057	<u>88.8</u>	<u>77</u>	<u>0.59</u>	<u>0.57</u>	3380	3690	<u>458</u>	<u>6040</u>	2.4	1210	359	2540	70.4				
1	PZ-2103 DUP	5/5/2022	0.019 ^J	< 0.020	< 0.0047	0.010 ^J	<u>72.7</u>	<u>84.5</u>	<u>0.76</u>	<u>0.8</u>	3600	4060	<u>523</u>	<u>9750</u>	2.2 ^J	1090	321	2500	67.7				
1	PZ-2103 DUP	7/26/2022	0.026 ^J	< 0.020	< 0.0047	< 0.0057	<u>7.7^J</u>	<u>23.9</u>	<u>0.89</u>	<u>0.87</u>	3660 ^J	2590	<u>528</u>	<u>12700^{Ja}</u>	24.0 ^J	780 ^J	291	2480 ^J	69.7				
1	PZ-2103 DUP	10/27/2022	0.024 ^J	< 0.020	< 0.0047	0.0092 ^J	<u>49.7</u>	<u>67.6</u>	<u>1.4</u>	<u>1.8</u>	5350 ^{Ja}	4650	<u>730^J</u>	<u>18200</u>	< 1.2	1020	106	2070	32.1				
1	PZ-2103 DUP	1/25/2023	0.026	< 0.010	< 0.0024	0.0078 ^J	<u>76.8</u>	<u>73.1</u>	<u>1.9</u>	<u>2</u>	4670	8680	<u>802^J</u>	<u>14300</u>	2.0 ^J	2070	322	3910 ^J	73.1				
1	PZ-2103 DUP	4/26/2023	0.022 ^J	< 0.010	< 0.0024	0.0079 ^J	<u>85.8^J</u>	<u>68.3^J</u>	<u>1.6</u>	<u>1.8</u>	4750	5740	<u>901^J</u>	<u>13000</u>	12.0 ^J	1910	170 ^J	6890 ^J	25.6 ^J				
1	PZ-2103 DUP	7/26/2023	0.021	< 0.020	< 0.0047	0.0068	<u>115</u>	<u>127</u>	<u>1.4</u>	<u>1.9^J</u>	4060	8110	<u>838</u>	<u>10100</u>	1.4 ^J	1530	467	5280	79.4				
1	MW-2104	12/14/2020	0.079	< 0.0010	< 0.00024	0.0023	<u>3.5</u>	<u>5.1</u>	<u>0.31</u>	<u>0.32</u>	418	48.4 ^J	<u>438</u>	<u>302</u>	< 1.2	10.6	< 1.2	< 1.2	215				
1	MW-2104	4/8/2021	0.06	< 0.0010	< 0.00024	0.0019	<u>3.4</u>	<u>3.4</u>	<u>0.26</u>	<u>0.27</u>	395	43.9 ^J	<u>354</u>	<u>321</u>	< 1.2 ^{UJ}	10	< 1.2	< 1.2	116				
1	MW-2104	2/23/2022	0.041	< 0.0010	< 0.00024	0.0017	<u>2.6</u>	<u>3.3</u>	<u>0.15</u>	<u>0.19</u>	399	58.9	<u>151</u>	<u>272</u>	< 1.2	10.6	< 0.39	< 0.25	138				
1	MW-2104	3/21/2022	0.039	< 0.0010	< 0.00024	0.0024	<u>2.3</u>	<u>3.7</u>	<u>0.2</u>	<u>0.21</u>	386	41.3 ^J	<u>138</u>	<u>277</u>	< 1.2	10.4	< 0.39	< 0.25	209				
1	MW-2105	12/14/2020	0.13	< 0.0010	< 0.00024	0.0024	<u>2</u>	<u>2.5</u>	<u>0.28</u>	<u>0.26</u>	493	91.1	<u>251</u>	<u>107</u>	< 1.2	25.9	7.9	< 1.2	1110				
1	MW-2105	4/8/2021	0.097	< 0.0010	< 0.00024	0.0025	<u>2.1</u>	<u>2.3</u>	<u>0.15</u>	<u>0.16</u>	495	68.6	<u>195</u>	<u>137</u>	< 1.2	18.9	10.4	2.7 ^J	1310				
1	MW-2105	2/23/2022	0.1	< 0.0010	< 0.00024	0.0012	<u>5.3</u>	<u>4.3</u>	<u>0.2</u>	<u>0.16</u>	445	50.1	<u>361</u>	<u>228</u>	< 1.2	16.6	4.2 ^J	2.1 ^J	349				
1	MW-2105	3/23/2022	0.048	< 0.0010	< 0.00024	0.0036	<u>4</u>	<u>3.8</u>	<u>0.15</u>	<u>0.14</u>	439	87.4	81.6	<u>677</u>	< 1.2	24.9	43.1	< 0.25	1420				

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

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	T	D	T	T	T	T	T	T	T	T	T	N	N	N		
1	PZ-2105	12/14/2020		0.11	< 0.0010	< 0.00024	0.0016	< 0.058	< 0.058	0.01	0.013	188	17.0 ^J	164	219	< 1.2	4.1	< 1.2	< 1.2	1.8 ^J	
1	PZ-2105	4/8/2021		0.11	< 0.0010	< 0.00024	0.00098 ^J	< 0.058	< 0.058	0.0040 ^J	0.009	160	< 14.7	114	228 ^{J+}	< 1.2	3.1	< 1.2	< 1.2	< 0.66	
1	PZ-2105	2/22/2022		0.097	< 0.0010	< 0.00024	0.00087 ^J	< 0.058	0.068 ^J	0.0014 ^J	0.037	160	< 14.7	85.3	222	< 1.2	2.5	< 0.39	1.3 ^J	< 0.58	
1	PZ-2105	3/22/2022		0.1	< 0.0010	< 0.00024	0.0012	< 0.058	< 0.058	0.0019 ^J	0.017	172	< 14.7	93.2	252	< 1.2	2.8	< 0.39	< 0.25	< 0.58	
1	MW-2106	12/14/2020		0.2	< 0.0010	< 0.00024	0.0034	2.1	2.3	0.29	0.29	612	219	40.3	187	< 1.2	59.7	7.9	179	1010	
1	MW-2106	4/8/2021		0.2	< 0.0010	0.00071 ^J	0.0027	2.6	3.2	0.25	0.25	570	235	45.4	269	< 1.2	61.8	12.4	260	1520	
1	MW-2106	2/21/2022		0.23	< 0.0010	< 0.00024	0.0021	6.8	8.3	0.24	0.25	656	235	68.6	4.3 ^J	< 1.2	65.9	12.7	399	1930	
1	MW-2106	3/21/2022		0.38	< 0.0010	< 0.00024	0.0022	10.2	10.3	0.34	0.29	934	386	87.8	< 2.2	< 1.2	132	12.6	440	2080	
1	MW-2106	4/27/2022		0.24	< 0.0010	< 0.00024	0.002	2.2	3	0.25	0.27	687	230	87.3	80	1.6 ^J	77.9	7.7	424	2590	
1	MW-2106	7/26/2022		0.32	< 0.0010	< 0.00024	0.0025	1.8	2.4	0.29	0.25	623 ^{J-}	219	75.6	147 ^{J+}	< 1.2	44.2 ^{J-}	5.7	359	1690	
1	MW-2106	10/27/2022		0.29	< 0.0010	< 0.00024	0.0018	1.7	2	0.27	0.26	653 ^{J+}	122	69.6	293 ^{J-}	< 1.2	36.1	7.2	559	1620	
1	MW-2106	1/23/2023		0.03	< 0.0010	< 0.00024	0.0011	4.9	5.1	0.25	0.24	308	32.6 ^J	23.4	1570	< 1.2	9.6	1.9 ^J	14.3	1100	
1	MW-2106	4/24/2023		0.028	< 0.0010	< 0.00024	0.001	4.6	5.2	0.31	0.33	489	94.1	41.4	894 ^J	< 1.2	27.5	1.7 ^J	29.5	979	
1	MW-2106	7/25/2023		0.18	< 0.0010	< 0.00024	0.001	1.4	1.6	0.2	0.2	547	117	55.5	265	< 1.2	30.9	8.6	331	2710	
1	MW-2107	12/9/2020		0.24	< 0.0010	< 0.00024	0.0024	1.1	1	0.18	0.17	292	52.9	40.3	161	< 1.2	16.3	8.2	17.8	493	
1	MW-2107	4/7/2021		0.25	< 0.0010	< 0.00024	0.0024	1.7	2.1	0.18	0.19	324	43.9 ^J	64.7	149	< 1.2	13.6	10.6	54.9	1490	
1	MW-2107	2/21/2022		0.18	< 0.0010	< 0.00024	0.0016	137	140	0.2	0.2	647	1250	49.4	< 2.2	< 1.2	414	163	333	3640	
1	MW-2107	3/21/2022		0.15	< 0.0010	< 0.00024	0.0021	86.6	87.6	0.18	0.15	616	995	49.2	5.1 ^J	< 1.2	375	152	286	4590	
1	MW-2107	4/26/2022		0.019	0.0031 ^J	< 0.00024	0.0017	46.7	49.7	0.41	0.46	355 ^{J-}	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	0.13	0.12	590 ^{J-}	995	44.3 ^{J+}	5.0 ^J	< 1.2	363	15.1	14.3	3510	
1	MW-2107	10/27/2022		0.077	< 0.0010	< 0.00024	0.0007 ^J	76	71.6	0.1	0.1	646 ^{J-}	855	43.7	< 4.4	< 1.2	335	37.1	42.3	6740	
1	MW-2107	1/24/2023		0.068	< 0.0010	< 0.00024	0.0014	63.7	52	0.2	0.17	185	132	23.3	2200	< 1.2	33.3	16.7	5.6	5510	
1	MW-2107	4/26/2023		0.013	0.0013 ^J	< 0.00024	0.00095 ^J	32.3	38.7	0.06	0.086	828	160	40.1 ^J	366	< 12.0	43	15.5	3.2 ^J	21300	
1	MW-2107	7/25/2023		0.016	< 0.0010	< 0.00024	0.0011	35.8	33.5	0.065	0.088	693	134	40.8	< 4.4	< 1.2	25.8	16.6	< 0.25	4980	
1	PZ-2107	12/9/2020		0.1	< 0.0010	< 0.00024	0.0069	< 0.058	< 0.058	0.086	0.085	356	41.7 ^J	431	532	< 1.2	11.9	4.2 ^J	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 ^J	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 ^J	0.093	0.0037 ^J	121	< 14.7	48.3	45.4	< 1.2	1.8	< 0.39	< 0.25	< 0.58	
1	PZ-2107	3/22/2022		0.049	< 0.0010	< 0.00024	0.0042	0.43	1.7	0.18	0.19	285	22.7 ^J	358	318	< 1.2	5.1	3.2 ^J	26.2	72.2	
1	PZ-2107	4/26/2022		0.047	< 0.0010	< 0.00024	0.0046	0.14 ^J	1.4	0.032	0.067	325 ^{J-}	20.3 ^J	372	336	< 1.2 ^{UJ}	5.7	0.55 ^J	3.7 ^J	15.3	
1	PZ-2107	7/25/2022		0.052	< 0.0010	< 0.00024	0.0046	2.2	2.6	0.14	0.16	302 ^{J-}	52.3	406 ^{J+}	293	< 1.2	5.8	2.4 ^J	20.1	108	
1	PZ-2107	10/27/2022		0.054	< 0.0010	< 0.00024	0.0046	1.9	2	0.12	0.12	342 ^{J-}	< 15.5	416	269	< 1.2	6.3	4.3 ^J	34.4	164	
1	PZ-2107	1/24/2023		0.05	< 0.0010	< 0.00024	0.005	0.49	0.43	0.079 ^J	0.048 ^J	323	41.1 ^J	406	260	< 1.2	6.4	0.53 ^J	3.0 ^J	15.1	
1	PZ-2107	4/26/2023		0.045	< 0.0010	< 0.00024	0.0049	< 0.058	0.26	0.01	0.027	353	15.7 ^J	397	236	< 1.2	5.5	< 0.39	1.0 ^J	3.9	
1	PZ-2107	7/25/2023		0.051	< 0.0010	< 0.00024	0.0051	0.42	0.55	0.32	0.31	348	32.6 ^J	417	235	< 1.2	5.5	1.1 ^J	7	47.4 ^{J+}	
1	MW-2108	12/9/2020		0.053	< 0.0010	< 0.00024	0.0015	0.45	0.41	0.17	0.18	159	28.2 ^J	20	144	1.6 ^J	8.8	3.2 ^J	< 1.2	114	
1	MW-2108	4/7/2021		0.051	< 0.0010	< 0.00024	0.0033	0.41	0.62	0.15	0.16	168	57.4	37.1	105	< 1.2	15.3	1.4 ^J	< 1.2	110	
1	MW-2108	2/21/2022		0.086	< 0.0010	< 0.00024	0.0055	0.79	0.95	0.22	0.21	254	59.7	63.9	95.8	< 1.2	17.3	0.95 ^J	< 0.25	91	
1	MW-2108	3/21/2022		0.082	< 0.0010	< 0.00024	0.0062	0.72	0.91	0.2	0.2	268	80.8	69.2	79	1.2 ^J	18.7	1.4 ^J	< 0.25	169	

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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	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	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
Diss/Total	D	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N	N			
1	MW-2109	12/9/2020		0.13	< 0.0010	< 0.00024	0.0014	0.43	0.34	0.26	0.24	520	26.0 ^J	377	118	< 1.2	4.4	< 1.2	1.4 ^J	161			
1	MW-2109	4/7/2021		0.21	< 0.0010	< 0.00024	0.00062 ^J	1.7	2.2	0.2	0.21	552	23.7 ^J	515	151	< 1.2	4.4	< 1.2	1.4 ^J	140			
1	MW-2109	2/21/2022		0.082	< 0.0010	< 0.00024	0.00096 ^J	2	11.6	0.24	0.31	415	25.0 ^J	372	111	< 1.2	4.6	0.50 ^J	3.9 ^J	59.4			
1	MW-2109	3/21/2022		0.077	< 0.0010	< 0.00024	0.0012	0.96	2.4	0.18	0.22	426	19.3 ^J	386	111	< 1.2	4.1	0.71 ^J	6.3	86.7			
1	PZ-2109	12/9/2020		0.27	< 0.010	< 0.00024	< 0.0028	6	5.4	0.29	0.27	429	84.3	2020	95.6	< 1.2	3.2	2.0 ^J	< 1.2	241			
1	PZ-2109	4/7/2021		0.23	< 0.0010	< 0.0012	0.00049 ^J	4.9	4.8	0.24	0.23	415	100	2160	186	< 1.2	3.3	< 1.2	< 1.2	144			
1	PZ-2109	2/21/2022		0.22	< 0.0010	< 0.00024	0.00034 ^J	5.8	7	0.23	0.25	414	65.5	2190	164	< 1.2	1.7	1.1 ^J	0.82 ^J	116			
1	PZ-2109	3/21/2022		0.24	0.0025 ^J	< 0.00024	0.00066 ^J	4.9	6	0.24	0.25	427	85.2	2230	153	< 1.2	1.7	1.2 ^J	1.1 ^J	147			
1	MW-2110	12/15/2020		0.074	< 0.0010	< 0.00024	0.0022	1.2	1.2	0.29	0.29	359	19.3 ^J	189	260	< 1.2	2.9	< 1.2	< 1.2	10.4			
1	MW-2110	4/7/2021		0.045	< 0.0010	< 0.00024	0.002	0.59	1.6	0.35	0.39	381	17.0 ^J	174	598	< 1.2	2.9	< 1.2	< 1.2	1.9 ^J			
1	MW-2110	2/21/2022		0.079	< 0.0010	< 0.00024	0.00056 ^J	1.3	2.4	0.35	0.48	322	< 14.7	136	351	< 1.2	2.8	< 0.39	< 0.25	2.2 ^J			
1	MW-2110	3/21/2022		0.087	< 0.0010	< 0.00024	0.00090 ^J	1.3	2.5	0.34	0.37	343	14.9 ^J	109	342	< 1.2	3.2	< 0.39	< 0.25	1.5 ^J			
1	MW-2110	4/27/2022		0.03	< 0.0010	< 0.00024	0.0045	0.29	0.45	0.25	0.29	402	< 15.5	119	603	< 1.2	3	< 0.39	< 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 ^J	< 15.5	169 ^J	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 ^J	0.44	0.56	0.23	0.19	323 ^J	< 15.5	194 ^J	194	< 1.2	3	< 0.39	< 0.25	< 1.6 ^U			
1	MW-2110	1/24/2023		0.042	< 0.0010	< 0.00024	0.001	0.36	0.87	0.22	0.23	318	43.2 ^J	158	358	< 1.2	3	< 0.39	< 0.25	< 0.58			
1	MW-2110	4/26/2023		0.022	< 0.0010	< 0.00024	0.0019	0.44	2.1	0.21	0.4	353	< 14.7	111	423	< 1.2	3	< 0.39	< 0.25	2.8			
1	MW-2110	7/24/2023		0.045	< 0.0010	< 0.00024	0.00069 ^J	0.34	1.6	0.18	0.34	333	21.0 ^J	133	262	< 1.2 ^U	2.8	< 0.39	< 0.25	1.4 ^J			
1	PZ-2110	12/8/2020		0.094	< 0.0010	< 0.00024	0.0031	< 0.058	< 0.23 ^U	0.12	0.099	346	30.5 ^J	512	315	< 1.2 ^U	3.5	< 1.2	< 1.2	3.4 ^J			
1	PZ-2110	4/7/2021		0.061	< 0.0010	< 0.00024	0.002	0.21 ^J	0.19 ^J	0.18	0.2	341	19.3 ^J	580	301	< 1.2 ^U	2.9	< 1.2	< 1.2	4.7			
1	PZ-2110	2/21/2022		0.06	< 0.0010	< 0.00024	0.0012	1.1	1.6	0.24	0.25	330	17.1 ^J	636	282	< 1.2	2.6	< 0.39	< 0.25	3			
1	PZ-2110	3/21/2022		0.062	< 0.0010	< 0.00024	0.0011	1.7	1.7	0.25	0.25	361	15.7 ^J	654	365	< 1.2	2.6	< 0.39	< 0.25	1.9 ^J			
1	PZ-2110	4/27/2022		0.067	< 0.0010	< 0.00024	0.0021	0.93	1.2	0.15	0.14	364	< 15.5	654	371	< 1.2	2.6	< 0.39	< 0.25	< 0.58			
1	PZ-2110	7/25/2022		0.06	< 0.0010	< 0.00024	0.0031	1.1	1.4	0.18	0.19	323 ^J	< 15.5	645 ^J	351	< 1.2	2.5	< 0.39	< 0.25	2.2 ^J			
1	PZ-2110	10/27/2022		0.06	< 0.0010	< 0.00024	0.0013	2.7	2.8	0.2	0.2	357 ^J	21 ^J	630 ^J	399	< 1.2 ^U	2.3	< 0.39	< 0.25	5.6			
1	PZ-2110	1/24/2023		0.057	< 0.0010	< 0.00024	0.0012	0.52	1.1	0.065	0.068	300	30.5 ^J	613	343	< 1.2	2.4	< 0.39	< 0.25	< 0.58			
1	PZ-2110	4/26/2023		0.054	< 0.0010	< 0.00024	0.0017	0.91	1.1	0.12	0.13	309	< 14.7	576	343	< 1.2 ^U	2.3	< 0.39	< 0.25	2.8 ^J			
1	PZ-2110	7/24/2023		0.05	< 0.0010	< 0.00024	0.0013	0.93	0.78	0.11	0.092	300	25.4 ^J	614	380	< 1.2	2.3	< 0.39	0.35 ^J	1.4 ^J			
1	MW-2111	12/11/2020		0.033	< 0.0010	< 0.00024	0.0034	0.34	0.34	0.44	0.42	363	17.0 ^J	38.9	313	< 1.2	4.6	< 1.2	< 1.2	5.1			
1	MW-2111	4/8/2021		0.029	< 0.0010	< 0.00024	0.0046	0.16 ^J	0.17 ^J	0.37	0.36	357	28.2 ^J	54.6	673	< 1.2	5.3	< 1.2	< 1.2	8.1			
1	MW-2111	2/24/2022		0.055	< 0.0051	< 0.0012	< 0.0014	746	828	0.7	0.7	2760	10600	79.2	93.9	< 1.2	3130	52.2	83.3	200			
1	MW-2111	3/23/2022		0.085	< 0.0051	< 0.0012	< 0.0014	353	328	0.47	0.45	1360	4240	81.2	10.3	< 1.2	1250	121	194	210			
1	MW-2111	4/26/2022		0.071	< 0.010	< 0.00024	< 0.0028	129	117	1.8	2	1260 ^J	2700	40.1 ^J	1420 ^J	< 1.2	851	53.7	58.5	219			
1	MW-2111	7/26/2022		0.026	< 0.0020	< 0.00047	< 0.00057	379	459	0.55	0.62	1980 ^J	3860	72.3	< 4.4	< 12.0	1160 ^J	157	255	247			
1	MW-2111	10/27/2022		0.077	< 0.0020	< 0.00047	< 0.00057	430	474	0.64	0.66	1750 ^J	3750	102	< 4.4	3.6 ^J	1310	198	301	461			
1	MW-2111	1/25/2023		0.07	< 0.0051	< 0.0012	< 0.0014	406	423	0.56	0.6	1360	1870	150 ^J	20.3 ^J	2.8 ^J	979	526	523	981			
1	MW-2111	4/26/2023		0.042	< 0.0010	< 0.00024	0.062	28	40.4	0.26 ^J	0.18 ^J	433	351	30.0 ^J	1580	< 12.0 ^U	104	16.3	11.5	8670			
1	MW-2111	7/27/2023		NA	NA	NA	NA	NA	8970 ^J	NA	6.4 ^J	NA	687 ^J	NA	NA	NA	245 ^J	92.4 ^J	131 ^J	5120 ^J			

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

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

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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	N	N	N	N			
1	MW-2113	12/14/2020		0.069	< 0.0010	< 0.00024	0.0034	<u>4.9</u>	<u>4.9</u>	<u>0.18</u>	<u>0.2</u>	380	59.7	32.6	<u>308</u>	< 1.2	16.7	3.7 ^J	26.1	570			
1	MW-2113	4/8/2021		0.088	< 0.0010	< 0.00024	0.0037	<u>4.4</u>	<u>4.3</u>	<u>0.19</u>	<u>0.19</u>	442	50.7	30.5	<u>245</u>	< 1.2	11.7	3.8 ^J	19.5	1350			
1	MW-2113	2/23/2022		0.26	< 0.0010	< 0.00024	0.0065	<u>3.5</u>	<u>3.9</u>	<u>0.18</u>	<u>0.23</u>	551	54.5	86.6	<u>220</u>	< 1.2	16.7	2.1 ^J	55.8	1310			
1	MW-2113	3/22/2022		<u>0.56</u>	< 0.0010	< 0.00024	0.0065	<u>6</u>	<u>5.1</u>	<u>0.47</u>	<u>0.45</u>	1340	1180	79.2	55	4.4	525	3.5 ^J	121	3500			
1	MW-2113	4/26/2022		0.16	< 0.0010	< 0.00024	0.015	<u>0.82</u>	<u>1.8</u>	<u>0.36</u>	<u>0.35</u>	532 ^J	175	72	<u>421</u>	3.4 ^J	54.8	5.8	118	3320			
1	MW-2113	7/26/2022		0.21	< 0.0010	< 0.00024	0.0087	<u>1.4</u>	<u>1.7</u>	<u>0.18</u>	<u>0.2</u>	532 ^J	94	52.2	<u>214</u> ^J	2.2 ^J	20.1 ^J	3.7 ^J	234	4140			
1	MW-2113	10/27/2022		0.2	< 0.0010	< 0.00024	0.0096	<u>4</u>	<u>3.5</u>	<u>0.22</u>	<u>0.18</u>	535 ^J	64.4	123 ^J	<u>307</u>	< 1.2	21.9	2.8 ^J	112	3470			
1	MW-2113	1/25/2023		0.097	< 0.0010	0.00025 ^J	0.018	<u>2.2</u>	<u>2.7</u>	<u>0.079</u>	<u>0.075</u>	553	194	100	<u>749</u>	< 1.2	45.4	1.9 ^J	154	1080			
1	MW-2113	4/26/2023		0.11	< 0.0010	< 0.00024	0.0092	<u>3.2</u>	<u>3</u>	<u>0.19</u>	<u>0.18</u>	534	96.2	51.9	<u>540</u>	1.2 ^J	40.4	1.2 ^J	9.3	2240			
1	MW-2113	7/26/2023		0.19	0.0016 ^J	<u>0.0023</u>	0.006	<u>6.8</u>	<u>6.2</u>	<u>0.16</u> ^J	<u>0.13</u> ^J	527	72.9	44.9	<u>322</u>	< 1.2	18.3	3.8 ^J	87.8	2220			
1	PZ-2113	12/14/2020		0.12	< 0.0010	< 0.00024	0.0049	< 0.058	< 0.058	<u>0.16</u>	<u>0.15</u>	320	23.7 ^J	<u>262</u>	<u>322</u>	< 1.2	4.5	< 1.2	2.3 ^J	84			
1	PZ-2113	4/9/2021		0.1	< 0.0010	< 0.00024	0.0016	<u>0.78</u> ^J	<u>0.46</u> ^J	<u>0.12</u>	<u>0.12</u>	284	21.5 ^J	<u>304</u>	<u>309</u>	< 1.2	3.6	< 1.2	1.5 ^J	40.1			
1	PZ-2113	2/24/2022		<u>0.73</u>	< 0.0010	< 0.00024	< 0.00028	<u>210</u>	<u>118</u>	<u>0.71</u>	<u>0.32</u>	1430	2020	120	< 4.4	< 1.2	1280	210	631	2670			
1	PZ-2113	3/23/2022		<u>0.93</u>	< 0.0051	< 0.0012	< 0.0014	<u>294</u>	<u>254</u>	<u>0.78</u>	<u>0.81</u>	2400	5400	<u>192</u>	< 4.4	< 1.2	1660	373	563	2920			
1	PZ-2113	4/26/2022		<u>0.87</u>	< 0.0020	< 0.00047	< 0.00057	<u>173</u> ^J	<u>101</u> ^J	<u>0.73</u> ^J	<u>0.47</u> ^J	1400 ^J	2860	<u>184</u>	9.8 ^J	< 1.2 ^{UJ}	906	266	771	2600			
1	PZ-2113	7/26/2022		<u>1.1</u>	< 0.0020	< 0.00047	< 0.00057	<u>183</u>	<u>180</u>	<u>0.61</u>	<u>0.55</u>	1610 ^J	4040	<u>318</u>	< 4.4	< 12.0	1080 ^J	506	2030	5410			
1	PZ-2113	10/27/2022		<u>1.3</u>	< 0.0020	< 0.00047	< 0.00057	<u>184</u> ^J	<u>142</u> ^J	<u>0.6</u>	<u>0.56</u>	1990 ^J	1920	<u>331</u> ^J	< 4.4	< 1.2	1310	393	1680	4840			
1	PZ-2113	1/25/2023		<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<u>94</u>	<u>86.6</u>	<u>0.39</u>	<u>0.37</u>	1600	1940	<u>351</u>	< 4.4	< 1.2	1090	309	1290	3900			
1	PZ-2113	4/26/2023		<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<u>54.4</u>	<u>54.8</u>	<u>0.35</u>	<u>0.32</u>	1710	156	<u>326</u>	7.7 ^J	< 1.2	1090	148	1250	5170			
1	PZ-2113	8/28/2023		<u>1.1</u>	< 0.0010	< 0.00024	< 0.00028	<u>56.7</u>	<u>67.8</u>	<u>0.26</u>	<u>0.27</u>	1350	2830	<u>378</u>	< 8.9	9.6 ^J	900	113	2700	9030			
1	MW-2114	12/14/2020		0.12	< 0.0010	< 0.00024	0.0052	<u>1.1</u>	<u>1.4</u>	<u>0.16</u>	<u>0.16</u>	412	91.1	60.5	31.8	< 1.2	22.8	11.6	< 1.2	1090			
1	MW-2114	4/7/2021		0.1	< 0.0010	< 0.00024	0.0061	<u>2.2</u>	<u>2.6</u>	<u>0.13</u>	<u>0.13</u>	465	131	52.4	19.8	< 1.2	26.6	12	2.3 ^J	4400			
1	MW-2114	2/21/2022		0.16	< 0.0010	< 0.00024	0.005	<u>3.2</u>	<u>4.2</u>	<u>0.14</u>	<u>0.15</u>	450	160	86.3	26.2	< 1.2	33.2	25	7.1	1830			
1	MW-2114	3/21/2022		0.18	< 0.0010	< 0.00024	0.0044	<u>2.4</u>	<u>2.7</u>	<u>0.12</u>	<u>0.12</u>	468	136	121	60.6	< 1.2	33.8	22.4	7.7	1690			
1	MW-2114	4/26/2022		0.26	< 0.0010	< 0.00024	0.0063	<u>2.4</u>	<u>3.5</u>	<u>0.23</u>	<u>0.22</u>	542 ^J	175	<u>168</u>	<u>193</u>	< 1.2	43.6	22.2	68.6	3460			
1	MW-2114	7/25/2022		0.19	< 0.0010	< 0.00024	0.0044	<u>0.82</u>	<u>1.1</u>	<u>0.16</u>	<u>0.15</u>	480 ^J	131	110 ^J	55.4	< 1.2	29.7	22.6	4.1 ^J	1480			
1	MW-2114	10/24/2022		0.19	< 0.0010	< 0.00024	0.0047	<u>1.2</u>	<u>1.3</u>	<u>0.16</u>	<u>0.14</u>	500	99.1	105	37.8	< 1.2	25.7	20.7	4.1 ^J	3910			
1	MW-2114	1/24/2023		0.17	< 0.0010	< 0.00024	0.0056	<u>2.7</u>	<u>2.7</u>	<u>0.18</u>	<u>0.16</u>	527	134	<u>125</u>	<u>290</u>	< 1.2	46	16.2	2.1 ^J	5430			
1	MW-2114	4/26/2023		0.11	< 0.0010	< 0.00024	0.014	<u>3.6</u>	<u>4.2</u>	<u>0.31</u>	<u>0.3</u>	609	192	92.1	<u>268</u>	< 1.2 ^{UJ}	43.8	20.1	8.9	8670			
1	MW-2114	7/24/2023		0.15	< 0.0010	0.00067 ^J	0.0073	<u>1.6</u> ^J	<u>0.95</u> ^J	<u>0.18</u>	<u>0.15</u>	577	120	105	95.5	< 1.2	31.4	11.3	< 0.25	6350			
1	PZ-2114	12/14/2020		0.14	< 0.0010	< 0.00024	0.0025	< 0.058	< 0.058	0.015 ^J	0.012 ^J	213	28.2 ^J	<u>137</u>	110	< 1.2	5.8	< 1.2	< 1.2	2.5 ^J			
1	PZ-2114	4/7/2021		0.13	< 0.0010	< 0.00024	0.0032	< 0.058	< 0.058	0.0048	0.017	176	23.7 ^J	<u>130</u>	<u>151</u>	< 1.2	4.3	< 1.2	< 1.2	1.2 ^J			
1	PZ-2114	2/21/2022		0.087	< 0.0010	< 0.00024	0.0024	< 0.058	<u>0.37</u>	0.0051	0.03	152	< 14.7	80.1	87.5	< 1.2	2.7	< 0.39	< 0.25	< 0.58			
1	PZ-2114	3/21/2022		0.1	< 0.0010	0.00033 ^J	0.0029	< 0.058	0.084 ^J	0.0052	0.012	179	< 15.5	91.2	109	< 1.2	3	< 0.39	< 0.25	29.7			
1	PZ-2114	4/26/2022		0.14	< 0.0010	< 0.00024	0.0029	< 0.058	0.099 ^J	< 0.0012	0.013	217 ^J	< 14.7	115	<u>167</u>	< 1.2 ^{UJ}	3.4	< 0.39	< 0.25	< 0.58			
1	PZ-2114	7/25/2022		0.14	< 0.0010	< 0.00024	0.0027	< 0.058	0.060 ^J	0.015	0.015	199 ^J	39.1 ^J	117 ^J	<u>177</u>	< 1.2	3.6	< 0.39	< 0.25	58.5			
1	PZ-2114	10/24/2022		0.16	0.0014 ^J	< 0.00024	0.0038	0.066 ^J	<u>0.3</u>	<u>0.064</u>	<u>0.12</u>	217	< 15.5	<u>129</u>	<u>194</u>	< 1.2	3.7	< 0.39	< 0.25	19.3			
1	PZ-2114	1/24/2023		0.16	< 0.0010	< 0.00024	0.0035	< 0.058	< 0.058	0.0013 ^J	0.0076	216	24.2 ^J	<u>125</u>	<u>182</u>	< 1.2	3.7	< 0.39	< 0.25	< 0.58			
1	PZ-2114	4/26/2023		0.16	< 0.0010	< 0.00024	0.0039	< 0.058	< 0.058	< 0.0012	0.007	242	< 14.7	<u>132</u>	<u>201</u>	< 1.2 ^{UJ}	3.6	< 0.39	< 0.25	< 0.58			
1	PZ-2114	7/24/2023		0.17	< 0.0010	< 0.00024	0.0039	< 0.058	< 0.058	0.011	0.018	234	19.9 ^J	<u>126</u>	<u>187</u>	< 1.2	3.6	< 0.39	< 0.25	2.8 ^J			

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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane		
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	N	N	N	N	
1	MW-61	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	NA	NA	NA	NA	
1	MW-61	6/15/2017	NA	NA	NA	NA	NA	<u>2.99</u>	<u>3.01</u>	NA	NA	397	NA	<u>431</u>	5.7 ^J	NA	1.9 ^J	30.9	244	2720		
1	MW-61	9/13/2017	NA	NA	NA	NA	NA	<u>1.8</u>	<u>1.59</u>	NA	NA	428	NA	<u>350</u>	25.8	< 1.2	2.5	23.6	195	1870		
1	MW-61	3/21/2018	NA	NA	NA	NA	NA	<u>2.25</u>	<u>2.22</u>	NA	NA	389	NA	<u>551</u>	29.4 ^J	NA	0.94	70	74.1	1390		
1	MW-61	12/11/2020	0.25	< 0.0010	< 0.00024	0.00055 ^J	<u>2</u>	<u>1.8</u>	<u>0.14</u>	<u>0.13</u>	435	17.0 ^J	<u>236</u>	27.4	< 1.2	4.9	21.6	42.9	703			
1	MW-61	4/8/2021	0.2	< 0.0010	< 0.00024	0.00040 ^J	<u>2.1</u>	<u>2.8</u>	<u>0.13</u>	<u>0.14</u>	373	39.5 ^J	<u>231</u>	67.3	< 1.2	4.9	9.7	37.8	605			
1	MW-61	2/23/2022	0.036	< 0.0010	< 0.00024	0.0012	0.098 ^J	<u>2.2</u>	0.047	<u>0.074</u>	115	41.3 ^J	10.3 ^J	27	< 1.2	8.5	19.6	3.7 ^J	5780			
1	MW-61	3/22/2022	0.21	< 0.0010	< 0.00024	0.0013	<u>0.65</u>	<u>0.96</u>	<u>0.2</u>	<u>0.23</u>	359	17.1 ^J	<u>346</u>	81.8	< 1.2	3.8	114	130	4480			
1	MW-61	4/27/2022	0.11	< 0.0010	< 0.00024	0.0023	<u>1.5</u>	<u>1.7</u>	<u>0.17^J</u>	<u>0.13^J</u>	299	21.5 ^J	<u>240^J</u>	65.1	< 1.2	7.8	5.8	8.6 ^J	1240 ^J			
1	MW-61	7/25/2022	0.13	< 0.0010	< 0.00024	0.0013	<u>2.4</u>	<u>2.4</u>	<u>0.24</u>	<u>0.23</u>	393 ^J	54.5	<u>405^J</u>	91.7	< 1.2	5	49.9	268	1390 ^J			
1	MW-61	10/27/2022	0.11	< 0.0010	< 0.00024	0.001	<u>1.8</u>	<u>1.6</u>	<u>0.2</u>	<u>0.19</u>	377 ^J	41.1 ^J	<u>209</u>	<u>151^J</u>	< 1.2	9.7	31.6	163	1270			
1	MW-61	1/24/2023	0.081	< 0.0010	< 0.00024	0.00084 ^J	<u>3.7</u>	<u>3.7</u>	<u>0.22</u>	<u>0.2</u>	266	51.7	74.3	<u>199</u>	< 1.2	12.8	7.9	82.8	1040			
1	MW-61	4/26/2023	0.074	< 0.0010	< 0.00024	0.0015	<u>3.8</u>	<u>4.5</u>	<u>0.14</u>	<u>0.15</u>	377	36.6 ^J	<u>272</u>	<u>77.5</u>	< 1.2 ^{UJ}	7.4	12.9	80.8	2300			
1	MW-61	7/26/2023	0.091	< 0.0010	< 0.00024	0.0013	<u>3.3</u>	<u>4.7</u>	<u>0.17</u>	<u>0.19</u>	282	58.1	<u>170</u>	<u>417</u>	< 1.2	11.5	38.3	688	1960			
1	MW-61 DUP	6/15/2017	NA	NA	NA	NA	<u>2.93</u>	<u>3.1</u>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1	MW-61 DUP	3/21/2018	NA	NA	NA	NA	<u>2.3</u>	<u>2.24</u>	NA	NA	418	NA	<u>599</u>	32.5 ^J	NA	0.98	82.3	87.2	1240			
1	MW-61 DUP	4/27/2022	0.11	< 0.0010	< 0.00024	0.0024	<u>1.6</u>	<u>1.8</u>	<u>0.19</u>	<u>0.17</u>	329	19.3 ^J	<u>335^J</u>	81.3	< 1.2	8.9	10	19.2 ^J	3250 ^J			
1	MW-61 DUP	7/25/2022	0.13	< 0.0010	< 0.00024	0.0012	<u>2.3</u>	<u>2.4</u>	<u>0.23</u>	<u>0.23</u>	412 ^J	34.7 ^J	<u>402^J</u>	94.8	< 1.2	5.1	54.1	288	1890 ^J			
1	MW-61 DUP	10/27/2022	0.13	< 0.0010	< 0.00024	0.0011	<u>1.6</u>	<u>1.6</u>	<u>0.21</u>	<u>0.19</u>	373 ^J	39 ^J	<u>194</u>	<u>150^J</u>	< 1.2	9.7	31.1	159	1310			
1	PZ-61	6/15/2017	NA	NA	NA	NA	<u>296</u>	<u>312</u>	NA	NA	1660	NA	<u>1750</u>	< 100	NA	4840	8.3	27.1	279			
1	PZ-61	9/13/2017	NA	NA	NA	NA	<u>896</u>	<u>968</u>	NA	NA	1320	NA	<u>1020</u>	13.4 ^J	< 1.2	5680	34.8	54	403			
1	PZ-61	3/21/2018	NA	NA	NA	NA	<u>756</u>	<u>570</u>	NA	NA	1460	NA	<u>360</u>	< 20	NA	2050	9.2	68.9	4460			
1	PZ-61	12/11/2020	<u>1.2</u>	< 0.020	< 0.00024	0.019 ^J	<u>57.8</u>	<u>50.8</u>	<u>0.092</u>	<u>0.088</u>	1150 ^J	531	<u>1050</u>	< 4.4	< 1.2 ^{UJ}	169	11.4	6.5	5760			
1	PZ-61	4/7/2021	0.25	< 0.0010	< 0.00024	0.0064	<u>25</u>	<u>30.9</u>	<u>0.12</u>	<u>0.15</u>	734	208	<u>391</u>	49.5	< 1.2	37.3	17.6	2.8 ^J	11700			
1	PZ-61	2/21/2022	0.058	< 0.0010	< 0.00024	0.0013	<u>1.3</u>	<u>2.2</u>	0.058	<u>0.063</u>	159	17.1 ^J	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	<u>323</u>	<u>311</u>	<u>0.31</u>	<u>0.33</u>	1200	1930	<u>480</u>	< 2.2	2.6 ^J	718	10.8	3.8 ^J	3310			
1	PZ-61	4/27/2022	0.11	< 0.0020	< 0.00047	0.003	<u>130</u>	<u>135</u>	<u>0.15</u>	<u>0.2</u>	465	553	<u>284</u>	< 2.2	< 1.2	115	18.4	3.3 ^J	11500			
1	PZ-61	7/25/2022	<u>0.46</u>	< 0.0010	< 0.00024	0.0076	<u>138</u>	<u>146</u>	<u>0.28</u>	<u>0.4</u>	720 ^J	380	<u>710^J</u>	< 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	<u>95.8</u>	<u>93.3</u>	<u>0.15</u>	<u>0.17</u>	633 ^J	30.5 ^J	<u>629</u>	7.3 ^J	< 1.2	53.5	8.9	< 0.25	7180			
1	PZ-61	1/24/2023	0.33	< 0.0051	< 0.0012	0.014	<u>116</u>	<u>115</u>	<u>0.17</u>	<u>0.18</u>	883	209	<u>938</u>	< 2.2	< 1.2	38.8	18.1	< 0.25	11000			
1	PZ-61	4/26/2023	0.15	< 0.0010	< 0.00024	0.0051	<u>27.3</u>	<u>27.1</u>	<u>0.25</u>	<u>0.28</u>	442	87.9	<u>176</u>	34.6 ^J	2.8 ^J	20.6	11.6	< 0.25	12300			
1	PZ-61	7/26/2023	0.25	< 0.0010	< 0.00024	0.0075	<u>51.4</u>	<u>62.2</u>	<u>0.2</u>	<u>0.25</u>	724	120	<u>533</u>	< 4.4	< 1.2 ^{UJ}	22.3	12.7	< 0.25	7320			
1	PZ-75	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.52 ^J	NA	NA	NA		
1	PZ-75	6/14/2017	NA	NA	NA	NA	< 0.0155	<u>3.02</u>	NA	NA	399	NA	<u>539</u>	102	NA	1.1 ^J	15.5	2.4 ^J	436			
1	PZ-75	9/14/2017	NA	NA	NA	NA	<u>4.09</u>	<u>3.89</u>	NA	NA	397	NA	<u>506</u>	118	< 1.2	10.3	12.1	23.3	542			
1	PZ-75	3/22/2018	NA	NA	NA	NA	<u>0.4</u>	<u>0.614</u>	NA	NA	417	NA	<u>542</u>	103	NA	3.1	11.7	52.1	716			
1	PZ-75	12/11/2020	0.049	< 0.0010	< 0.00024	0.0014	<u>1.9</u>	<u>1.9</u>	<u>0.41</u>	<u>0.41</u>	206	75.4	2.8 ^J	6.1 ^J	< 1.2 ^{UJ}	10.4	< 1.2	< 1.2	1240			
1	PZ-75	4/8/2021	0.18	0.0011 ^J	0.00066 ^J	0.013	<u>26</u>	<u>57.4</u>	<u>6.3</u>	<u>10</u>	819	169	<u>265</u>	38.2 ^J	< 1.2	26.6	14.9 ^J	8.7 ^J	2900 ^J			

Notes: NE = Not Established Diss = Dissolved ^U = Qualified nondetect due to contamination ^J = Estimated value (+/- indicated the direction of bias)
NA = Not Analyzed T = Total PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10
mg/L = milligrams per liter ug/L = micrograms per liter Table 1, July 2023 exceedances are underlined italics. Table 1, July 2023 exceedances are **bold**.

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

Analyte			1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
ES			200	850	7	5	70	5	5	800	100	5	0.2
PAL			40	85	0.7	0.5	7	0.5	0.5	160	20	0.5	0.02
Units			ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
2	MW-31	5/16/2018	< 5	< 2.4	< 4.1	< 5	27	< 2.3	< 5	< 5	15	807	< 1.8
2	MW-31	10/17/2018	< 0.98	< 1.1	1.3 ^J	< 0.99	17.9	< 2.3	< 1.3	< 0.69	9.6 ^J	470	< 0.7
2	MW-31	4/16/2019	< 0.24	0.31 ^J	5.4	< 0.25	99.1	< 0.58	< 0.33	< 0.17	70.6	117	0.37 ^J
2	MW-31	10/9/2019	1.1	< 0.27	< 0.24	< 0.25	1.1	< 0.58	< 0.33	< 0.17	< 1.1	239	< 0.17
2	MW-31	4/15/2020	0.32 ^J	< 0.27	2.2	< 0.25	42.2	< 0.58	< 0.33	< 0.27	26.4	133	< 0.17
2	MW-31	11/4/2020	< 0.24	0.39 ^J	5.6	< 0.25	115	< 0.58	< 0.33	< 0.27	87.5	180	< 0.17
2	MW-31	4/9/2021	< 0.61	< 0.59	4.3	< 0.59	70.7	< 0.64	< 0.82	< 0.58	54.5	92.6	< 0.35
2	MW-31	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	1.7 ^J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	0.87 ^J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	0.70 ^J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	0.39 ^J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	5.6
2	MW-31	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	0.65 ^J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	4.0
2	MW-31	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	2.3
2	MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.26	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
2	MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-113	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	7/27/2023	< 0.30 ^{UJ}	< 0.30 ^{UJ}	< 0.58 ^{UJ}	< 0.30 ^{UJ}	< 0.47 ^{UJ}	< 0.32 ^{UJ}	< 0.41 ^{UJ}	< 0.29 ^{UJ}	< 0.53 ^{UJ}	< 0.32 ^{UJ}	< 0.17 ^{UJ}
2	MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	3.9	< 0.23	< 0.5	< 0.5	0.57 ^J	10.4	8.6
2	MW-114	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	3.3	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	14.1
2	MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.1	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	10.1
2	MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	2.4	< 0.58	< 0.33	< 0.17	< 1.1	6.9	10.9
2	MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.6	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	10.4
2	MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.9	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	12
2	MW-114	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.5	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	13.1
2	MW-114	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	18.7
2	MW-114	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	22.2
2	MW-114	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	32.0
2	MW-114	4/25/2022	< 0.30	< 0.30	< 0.58	< 0.30	6.7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	62.0
2	MW-114	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	47.6
2	MW-114	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	4.3
2	MW-114	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	2.0
2	MW-114	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	1.4
2	MW-114	7/26/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	0.73 ^J	< 0.53	< 0.32	1.6

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

			Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
			ES PAL Units	200 ug/l	850 ug/l	7 ug/l	5 ug/l	70 ug/l	5 ug/l	5 ug/l	800 ug/l	100 ug/l	5 ug/l	0.2 ug/l
Treatment Area	Sample Location	Sample Date												
2	MW-114 DUP	5/16/2018		3.4	1.3	< 0.41	< 0.5	4.2	< 0.23	< 0.5	< 0.5	0.68 ^J	11.5	7.8
2	MW-114 DUP	10/17/2018		< 0.24	< 0.27	< 0.24	< 0.25	3.3	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	14.1
2	MW-114 DUP	4/16/2019		< 0.24	< 0.27	< 0.24	< 0.25	1.7	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	10.7
2	MW-114 DUP	10/9/2019		2.4	1.3	< 0.24	< 0.25	2.7	< 0.58	0.43 ^J	< 0.17	< 1.1	7	9.6
2	MW-114 DUP	4/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	9.9
2	MW-114 DUP	11/4/2020		< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	10
2	MW-114 DUP	4/6/2021		< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	12.3
2	PZ-118	5/16/2018		< 0.5	< 0.24	< 0.41	< 0.5	4.7	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	22.1
2	PZ-118	10/17/2018		< 0.24	< 0.27	< 0.24	< 0.25	5.2	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	17.3
2	PZ-118	4/17/2019		< 0.24	< 0.27	< 0.24	< 0.25	2.6	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	1.8
2	PZ-118	10/9/2019		< 0.24	< 0.27	< 0.24	< 0.25	3.9	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	3.7
2	PZ-118	4/15/2020		< 0.24	< 0.27	< 0.24	< 0.25	12.8	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	4.5
2	PZ-118	11/4/2020		< 0.24	< 0.27	< 0.24	< 0.25	13.8	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	8.8
2	PZ-118	4/7/2021		< 0.30	< 0.30	< 0.58	< 0.30	6.9	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	3.1
2	PZ-118	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	6.0	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	1.9
2	PZ-118	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	4.4	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	0.83 ^J
2	PZ-118	2/28/2022		< 0.30	< 0.30	< 0.58	< 0.30	2.3	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	1.9
2	PZ-118	4/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	1.6
2	PZ-118	7/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	2.9	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	2.4
2	PZ-118	10/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	3.1
2	PZ-118	1/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	2.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-118	4/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	2.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	0.64 ^J
2	PZ-118	7/26/2023		< 0.30 ^{UJ}	< 0.30 ^{UJ}	< 0.58 ^{UJ}	< 0.30 ^{UJ}	1.9 ^J	< 0.32 ^{UJ}	< 0.41 ^{UJ}	< 0.29 ^{UJ}	< 0.53 ^{UJ}	< 0.32 ^{UJ}	0.83 ^J
2	MW-2201	12/9/2020		< 0.24	9.6	0.53 ^J	< 0.25	289	< 0.58	< 0.33	< 0.27	35.3	16.1	11.6
2	MW-2201	4/9/2021		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	5.7	< 0.17
2	MW-2201	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	5.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	1.6
2	MW-2201	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	11.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	3.8
2	MW-2201	2/28/2022		< 0.30	0.46 ^J	< 0.58	< 0.30	26.3	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	12.7
2	MW-2201	4/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	17.6	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	8.9
2	MW-2201	7/26/2022		< 0.30	2.0	< 0.58	< 0.30	357	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	316
2	MW-2201	10/26/2022		< 1.5	< 1.5	< 2.9	< 1.5	245	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	542
2	MW-2201	1/24/2023		< 1.5	< 1.5	< 2.9	< 1.5	189	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	229
2	MW-2201	4/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	8.8 ^J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	8.6 ^J
2	MW-2201	7/25/2023		< 0.30	1.2	< 0.58	< 0.30	127 ^J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	199
2	MW-2201 DUP	12/9/2020		< 0.49	8.6	< 0.49	< 0.49	276	< 1.2	< 0.65	< 0.54	32.6	13.1	10.5
2	MW-2201 DUP	4/9/2021		< 0.30	< 0.30	< 0.58	< 0.30	0.60 ^J	< 0.32	< 0.41	< 0.29	< 0.53	5.6	< 0.17
2	MW-2201 DUP	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	6.3	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	2.1
2	MW-2201 DUP	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	11.0	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	4.2
2	MW-2201 DUP	2/28/2022		< 0.30	0.41 ^J	< 0.58	< 0.30	25.9	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	12.1
2	MW-2201 DUP	4/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	18.1	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	7.9
2	MW-2201 DUP	7/26/2022		< 0.61	1.9 ^J	< 1.2	< 0.59	337	< 0.64	< 0.82	< 0.58	1.6 ^J	< 0.64	279
2	MW-2201 DUP	10/26/2022		< 0.61	2.5	< 1.2	< 0.59	246	< 0.64	< 0.82	< 0.58	< 1.1	< 0.64	523
2	MW-2201 DUP	1/24/2023		< 0.61	1.3 ^J	< 1.2	< 0.59	185	< 0.64	< 0.82	< 0.58	< 1.1	< 0.64	215
2	MW-2201 DUP	4/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	12.4 ^J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	13.6 ^J
2	MW-2201 DUP	7/25/2023		< 0.30	1.6	< 0.58	< 0.30	190 ^J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	234

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

			Analyte	1,1,1-Trichloro ethane	1,1-Dichloro ethane	1,1-Dichloro ethene	Benzene	cis-1,2-Dichloro ethene	Methylene Chloride	Tetrachloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride
			ES PAL Units	200 40 ug/l	850 85 ug/l	7 0.7 ug/l	5 0.5 ug/l	70 7 ug/l	5 0.5 ug/l	5 0.5 ug/l	800 160 ug/l	100 20 ug/l	5 0.5 ug/l	0.2 0.02 ug/l
Treatment Area	Sample Location	Sample Date												
2	MW-2202	12/8/2020		< 0.24	< 0.27	< 0.24	< 0.25	<u>19.2</u>	< 0.58	< 0.33	< 0.27	2.6	< 0.26	3.5
2	MW-2202	4/9/2021		< 0.30	< 0.30	< 0.58	< 0.30	<u>9.4</u>	< 0.32	< 0.41	< 0.29	2.2	< 0.32	2.8
2	MW-2202	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	<u>1.7</u>	< 0.17
2	MW-2202	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	1.3	< 0.32	< 0.41	< 0.29	< 0.53	<u>1.5</u>	< 0.17
2	MW-2202	2/28/2022		< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.41	< 0.29	< 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	< 0.41	< 0.29	< 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	< 0.41	< 0.29	< 0.53	<u>1.1</u>	< 0.17
2	MW-2202	10/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	0.5^J	< 0.32	< 0.41	< 0.29	< 0.53	<u>1</u>	< 0.17
2	MW-2202	1/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	<u>1.1</u>	< 0.17
2	MW-2202	4/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	<u>0.96^J</u>	< 0.17
2	MW-2202	7/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	0.51^J	< 0.32	< 0.41	< 0.29	< 0.53	<u>0.38^J</u>	< 0.17
2	PZ-2202	12/8/2020		< 0.24	< 0.27	< 0.24	< 0.25	<u>19.2</u>	< 0.58	< 0.33	< 0.27	3.9	< 0.26	< 0.17
2	PZ-2202	4/9/2021		< 0.30	< 0.30	< 0.58	< 0.30	2.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	1.8	< 0.32	< 0.41	< 0.29	0.58^J	0.36^J	3.6
2	PZ-2202	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.41	< 0.29	0.63^J	< 0.32	2.0
2	PZ-2202	2/28/2022		< 0.30	< 0.30	< 0.58	< 0.30	0.93^J	< 0.32	< 0.41	< 0.29	< 0.53	0.67^J	< 0.17
2	PZ-2202	4/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	0.73^J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	7/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	10/26/2022		< 0.30	< 0.30	< 0.58	0.39^J	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	1/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	4/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	7/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	12/8/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-2203	4/9/2021		< 0.30	0.35^J	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	2/28/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	4/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	7/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	10/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	4/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	7/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/8/2020		< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	PZ-2203	4/9/2021		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/30/2021		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/31/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	2/28/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	10/26/2022		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/24/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/25/2023		< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

Notes: ug/L = micrograms per liter J = Estimated value (+/- indicated the direction of bias)
 NA = Not Analyzed U = Qualified nondetect due to contamination

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

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

Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane	
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
			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	D	T	T	T	T	T	T	N	N	N		
2	MW-31	12/10/2020	0.026	< 0.0010	< 0.00024	0.001	< 0.058	< 0.058	0.019	0.018	399	19.3 ^J	6	316	< 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 ^J	6.6	308	< 1.2	6.5	< 1.2	< 1.2	1.8 ^J		
2	MW-31	12/30/2021	0.19	< 0.0010	< 0.00024	< 0.00028	48.6	54.2	0.42	0.52	928	1770	120	15.1 ^J	< 1.2	628	35.1	44.8	244		
2	MW-31	1/31/2022	0.35	< 0.0010	< 0.00024	< 0.00028	36.9	36.1	0.23	0.22	944	1300	115	< 4.4	< 1.2	487	32	40.2	224		
2	MW-31	2/28/2022	0.48	< 0.0010	< 0.00024	< 0.00028	36.2	37	0.15	0.16	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 ^J	54.8	54	1.8	1.7	753 ^J	412	28.7	148	< 1.2	141	6.9	8.2	1100		
2	MW-31	7/26/2022	0.45	< 0.0010	< 0.00024	< 0.00028	18	18.7	0.12	0.13	705	808	154^J	< 2.2	< 1.2	288	58.2	66.5	4760		
2	MW-31	10/26/2022	0.54	< 0.0010	< 0.00024	< 0.00028	18.6	17.6	0.097	0.095	819 ^J	601	145^J	< 2.2	< 1.2	240	32.1	37.6	5900		
2	MW-31	1/24/2023	0.47	< 0.0010	< 0.00024	< 0.00028	20.8	21	0.18	0.18	757	175	112	9.3 ^J	< 1.2	58.1	25.6	52.7	9430		
2	MW-31	4/25/2023	0.29	< 0.0010	< 0.00024	0.00030 ^J	11.7	19.7	0.3	0.5	688	70.8	75.1	117	1.6 ^J	5.3	16.2	38	8950		
2	MW-31	7/25/2023	0.39	< 0.0010	< 0.00024	< 0.00028	8.5	8.9	0.12^J	0.093^J	716	19.9 ^J	99.2	10	< 1.2	2.4	21.4	39.6	9310		
2	MW-2201	12/9/2020	0.05	< 0.0010	< 0.00024	0.00036 ^J	3.7	3.6	0.23	0.23	365	< 14.7	33.6	249	< 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 ^J	0.0066 ^J	431	23.7 ^J	31.8	303	< 1.2	7.7	< 1.2	< 1.2	< 0.66		
2	MW-2201	12/30/2021	0.084	< 0.0010	< 0.00024	< 0.00028	28.4	28.4	0.17	0.16	592	98.4	65.4	152	< 1.2	35.7	16.4	22.5	211		
2	MW-2201	1/31/2022	0.077	< 0.0010	< 0.00024	< 0.00028	11.1	10.8	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	10.8	11.6	0.07	0.1	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	20.1	20.5	0.13	0.12	508 ^J	25.9 ^J	54.5	278	< 1.2	6.4	1.4 ^J	2.6 ^J	127 ^J		
2	MW-2201	7/26/2022	0.066	< 0.0010	< 0.00024	< 0.00028	6.2	6.2	0.031	0.032	589 ^J	274	86.8 ^J	28.1 ^J	< 1.2	91	15.5	354	1040		
2	MW-2201	10/26/2022	0.099	0.0011 ^J	< 0.00024	< 0.00028	7.9	8.8	0.037	0.046	626 ^J	281	98.1 ^J	37.8	< 1.2	103	32.3 ^J	599	1030		
2	MW-2201	1/24/2023	0.059	< 0.0010	< 0.00024	0.0013	9.3	7.9	0.087	0.071	417	39.0 ^J	77.9	729	< 1.2	3.6	6.2	78.5	487		
2	MW-2201	4/25/2023	0.033	< 0.0010	< 0.00024	0.0019	0.72	1.3	0.23	0.24	449	19.9 ^J	32.0 ^J	270	1.4 ^J	2.1	5.6	39	2200		
2	MW-2201	7/25/2023	0.075	< 0.0010	< 0.00024	0.00048 ^J	11.8	12.7	0.063	0.064	417	26.3 ^J	58.4	281	< 1.2	3.6	15.5 ^J	435 ^J	3120 ^J		
2	MW-2201 DUP	12/9/2020	0.05	0.0014 ^J	< 0.00024	0.00076 ^J	3.9	3.7	0.22	0.22	350	20.3 ^J	35.7	249	< 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	0.16^J	0.0092	0.008	432	19.3 ^J	31.7	301	< 1.2	7.7	< 1.2	< 1.2	0.79 ^J		
2	MW-2201 DUP	12/30/2021	0.086	< 0.0010	< 0.00024	< 0.00028	28.3	30	0.17	0.17	605	103	65.2	152	< 1.2	41.8	15.6	21.5	195		
2	MW-2201 DUP	1/31/2022	0.075	< 0.0010	< 0.00024	< 0.00028	11.1	10.8	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 ^J	< 0.00024	< 0.00028	11.5	11.8	0.058	0.076	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	20.1	22.7	0.13	0.12	577 ^J	28.1 ^J	56	277	< 1.2	6	1.1 ^J	2.0 ^J	91.6 ^J		
2	MW-2201 DUP	7/26/2022	0.063	< 0.0010	< 0.00024	< 0.00028	5.9	6.2	0.029	0.03	583 ^J	287	86.5 ^J	28.2 ^J	< 1.2	95.7	17.3	432	1290		
2	MW-2201 DUP	10/26/2022	0.11	< 0.0010	0.00024 ^J	0.00029 ^J	8.8	8.9	0.044	0.039	621 ^J	279	98.9 ^J	38.2	< 1.2	99	44.7 ^J	583	939		
2	MW-2201 DUP	1/24/2023	0.057	< 0.0010	< 0.00024	0.0013	9	7.4	0.086	0.071	412	41.1 ^J	76.3	797	< 1.2	4.6	6.8	83	535		
2	MW-2201 DUP	4/25/2023	0.035	< 0.0010	< 0.00024	0.0019	0.82	1.5	0.24	0.23	453	< 14.7	32.4 ^J	223	< 1.2 ^{UJ}	2	6	41.3	2140		
2	MW-2201 DUP	7/25/2023	0.081	< 0.0010	< 0.00024	0.00046 ^J	11.6	12.2	0.065	0.067	448	28.4 ^J	58.7	254	< 1.2	4.6	20.2	408	3450		

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-2202	12/8/2020		0.077	< 0.0010	< 0.00024	0.0015	1.5 ^{J+}	6.1	<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	0.78	1.5	<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 ^J	1.5	<u>0.14</u>	<u>0.14</u>	590	65.5	11.2	598	< 1.2	21.8	< 0.39	< 0.25	2.9	
2	MW-2202	1/31/2022		0.032	< 0.0010	< 0.00024	0.00093 ^J	2.7	3.6	<u>0.63</u>	<u>0.64</u>	678	197	12.2	451	< 1.2	73.2	1.3 ^J	0.70 ^J	26.5	
2	MW-2202	2/28/2022		0.031	< 0.0010	< 0.00024	0.00059 ^J	1.3	2.3	<u>0.43</u>	<u>0.43</u>	647	138	12.4	483	1.6 ^J	26.6	< 0.39	< 0.25	41.5	
2	PZ-2202	12/8/2020		0.057	< 0.0010	< 0.00024	0.00075 ^J	1.2 ^{J+}	1	<u>0.06</u>	<u>0.063</u>	351	< 14.7	126	252	< 1.2 ^{UU}	2.6	< 1.2	< 1.2	174	
2	PZ-2202	4/9/2021		0.076	< 0.0010	< 0.00024	0.00083 ^J	0.57	0.84	<u>0.081</u>	<u>0.095</u>	360	14.8 ^J	189	<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	102	112	<u>0.34</u>	<u>0.35</u>	918	1730	101	119	< 1.2	498	5.1 ^J	6	414	
2	PZ-2202	1/31/2022		0.29	< 0.0020	< 0.00047	< 0.00057	157	166	<u>0.5</u>	<u>0.48</u>	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	222	239	<u>0.48</u>	<u>0.51</u>	1080	1930	<u>157</u>	19.7 ^J	< 1.2	634	35.6	31	4170	
2	MW-2203	12/8/2020		0.052	0.0011 ^J	< 0.00024	0.019	0.68	0.86	<u>0.24</u>	<u>0.22</u>	436	26.0 ^J	11.8	501	< 1.2 ^{UU}	8.5	< 1.2	< 1.2	8.6	
2	MW-2203	4/9/2021		0.029	< 0.0010	< 0.00024	0.0038	0.095 ^J	0.083 ^J	<u>0.12</u>	<u>0.12</u>	342 ^J	28.2 ^J	7.6 ^J	466	< 1.2	7.6	< 1.2	< 1.2	7.1	
2	MW-2203	12/30/2021		0.036	< 0.0010	< 0.00024	0.0031	<u>0.22</u> ^J	<u>0.19</u> ^J	<u>0.17</u>	<u>0.17</u>	402	25.0 ^J	8.3	382	< 1.2	7.9	< 0.39	< 0.25	2.6 ^J	
2	MW-2203	1/31/2022		0.032	< 0.0010	< 0.00024	0.0025	< 0.058	0.090 ^J	0.034	0.046	390	25.0 ^J	8.2	377	< 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 ^J	10.9	380	< 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	0.61 ^{J+}	0.055	<u>0.06</u>	338	17.0 ^J	117	<u>233</u>	< 1.2 ^{UU}	4	< 1.2	< 1.2	< 1.6 ^U	
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 ^J	0.13 ^J	<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 ^J	0.0019	< 0.058	< 0.058	0.0038 ^J	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
^J = Estimated value (+/- indicated the direction of bias)
^U = Qualified nondetect due to contamination
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

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

Treatment Area	Sample Location	Sample Date	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
3	MW-2301	12/7/2020	< 0.24	< 0.27	11	< 0.25	< 1.3	1270	< 0.58	< 1.2	< 0.27	316	285	2.2 ^{J+}	
3	MW-2301	4/9/2021	< 3.0	< 3.0	< 5.8	< 3.0	< 13.8	717	< 3.2	< 11.3	< 2.9	172	146	< 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	0.65 ^J	< 0.35	
3	MW-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.60 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.66 ^J	
3	MW-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.83 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.71 ^J	
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	0.64 ^J	
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 ^{UJ}	
3	MW-2301	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	8.8	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	2.3	
3	MW-2301	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.95 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17 ^{UJ}	
3	MW-2301	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.88 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	1.4	
3	MW-2301	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.6	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	1.2	
3	MW-2301 DUP	4/9/2021	< 3.0	< 3.0	< 5.8	< 3.0	< 13.8	716	< 3.2	< 11.3	< 2.9	165	145	< 1.7	
3	MW-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.93 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.72 ^J	
3	MW-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.48 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.71 ^J	
3	MW-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.79 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	2.1 ^J	
3	MW-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	7.7	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	1.9	
3	MW-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.3	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	1.5 ^J	
3	MW-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	0.99 ^J	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	1.6	
3	MW-2301 DUP	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	1.3	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	1.6	
3	PZ-2301	12/7/2020	< 0.24	< 0.27	< 0.24	2.4	< 1.3	0.51 ^J	< 0.58	< 1.2	1.2	< 0.46	< 0.26	< 0.80 ^U	
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	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2301	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2301	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
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	
3	PZ-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2301 DUP	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	

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

Treatment Area	Sample Location	Sample Date	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
3	MW-2302	12/7/2020	0.43 ^J	47.9	< 0.24	0.42 ^J	19.1	<u>17.2</u>	25.3	< 1.2	< 0.27	0.70 ^J	0.38 ^J	4.9	
3	MW-2302	4/9/2021	3.2	14.2	< 0.58	< 0.30	9.1	<u>17.9</u>	9.6	< 1.1	< 0.29	0.73 ^J	<u>3.9</u>	4.6	
3	MW-2302	11/20/2021	0.44 ^J	8.6	< 0.58	< 0.30	20.3	5	<u>3.8^J</u>	< 1.1	< 0.29	< 0.53	<u>1.4</u>	3.8	
3	MW-2302	12/22/2021	1.1	7	< 0.58	< 0.30	2.6 ^J	2.8	<u>2.5^J</u>	< 1.1	< 0.29	< 0.53	<u>2.6</u>	1.5	
3	MW-2302	1/24/2022	0.64 ^J	11.9	< 0.58	< 0.30	5.9	5	<u>3.6^J</u>	< 1.1	< 0.29	< 0.53	<u>2.2</u>	2.5	
3	MW-2302	4/27/2022	2.7	12	< 0.58	< 0.30	< 1.4	<u>19.2</u>	12	< 1.1	< 0.29	< 0.53	6.1	0.75^J	
3	MW-2302	7/26/2022	1.7	83.2	< 0.58	<u>0.51^J</u>	17.3	<u>26.9</u>	93.5	< 1.1	< 0.29	0.67 ^J	<u>4</u>	22.8	
3	MW-2302	10/26/2022	< 0.30 ^{UU}	<u>123^J</u>	< 0.58 ^{UU}	<u>0.61^J</u>	16.5 ^J	<u>42.8^J</u>	96.5^J	< 1.1 ^{UU}	< 0.29 ^{UU}	0.78 ^J	<u>1.4^J</u>	21.3^J	
3	MW-2302	1/23/2023	2.7	3.6	< 0.58	< 0.30	< 1.4	<u>16.4</u>	<u>1.0^J</u>	< 1.1	< 0.29	< 0.53	6.8	0.54^J	
3	MW-2302	4/24/2023	3.2	22.4	< 0.58	< 0.30	8.1	<u>9.9</u>	<u>3.0^J</u>	< 1.1	< 0.29	< 0.53	3.8	2.5	
3	MW-2302	7/24/2023	0.65 ^J	<u>275</u>	<u>0.73^J</u>	<u>0.48^J</u>	<u>211</u>	105	45.9	< 1.1	< 0.29	1.7	<u>3.7</u>	21.4	
3	PZ-2302	12/7/2020	< 0.24	0.47 ^J	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 1.2	< 0.27	< 0.46	< 0.26	5.7	
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	3.8	
3	PZ-2302	11/20/2021	< 0.30	0.45 ^J	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.34^J	
3	PZ-2302	12/22/2021	< 0.30	0.43 ^J	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.35^J	
3	PZ-2302	1/24/2022	< 0.30	0.54 ^J	< 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 ^J	< 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 ^J	< 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 ^J	< 0.58	< 0.30	2.9 ^J	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2302	1/23/2023	< 0.30	0.44 ^J	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2302	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	PZ-2302	7/24/2023	< 0.30	0.32 ^J	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	< 0.17	
3	MW-2303	12/8/2020	0.63 ^J	1.9 ^J	<u>1.5^J</u>	< 0.49	< 2.7	279	< 1.2	< 2.5	< 0.54	<u>23.7</u>	241	12.4	
3	MW-2303	4/9/2021	1.1 ^J	2.5	< 1.2	< 0.59	< 2.8	109	< 0.64	4.6 ^J	< 0.58	8.6	141	39.4	
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 ^J	5.1	
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^J</u>	2.2	
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^J</u>	3.6	
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 ^J	5.3	
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 ^J	63.7	
3	MW-2303	10/26/2022	< 0.30	0.76 ^J	< 0.58	< 0.30	< 1.4	4.1	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	17.1	
3	MW-2303	1/23/2023	< 0.30	0.33 ^J	< 0.58	< 0.30	< 1.4	1.1	< 0.32	< 1.1	< 0.29	< 0.53	<u>0.55^J</u>	10.2	
3	MW-2303	4/24/2023	< 0.30	0.49 ^J	< 0.58	< 0.30	< 1.4	4.2	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	175	
3	MW-2303	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	3	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	268	

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	4.6	< 0.58	< 1.2	< 0.27	< 0.46	< 0.26	8.7
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	13.4
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	3
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	2.6
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	2.6
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	4.2
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	1.1
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	0.75^J
3	PZ-2303	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.32^J
3	PZ-2303	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.23^J
3	PZ-2303	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.29	< 0.53	< 0.32	0.57^J

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

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

^U = Qualified nondetect due to contamination

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

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

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T
Treatment Area	Sample Location	Sample Date																	
3	MW-2301	12/7/2020	0.072	0.0028 ^J	< 0.00024	0.0014	<u>0.94</u>	<u>0.89</u>	<u>0.19</u>	<u>0.17</u>	369	< 14.7	10.4	94.7	< 1.2 ^{UJ}	2.5	< 1.2	< 1.2	< 1.8 ^U
3	MW-2301	4/9/2021	0.073	< 0.0010	< 0.00024	0.0074	<u>0.53</u>	<u>0.61</u>	<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	<u>132</u>	<u>131</u>	<u>0.8</u>	<u>0.77</u>	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	<u>31.4</u>	<u>33.8</u>	<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	<u>22.5</u>	<u>22.9</u>	<u>0.12</u>	<u>0.12</u>	766	997	43.6	8.3 ^J	< 1.2	374	31.6	46.9	1800
3	MW-2301	4/26/2022	0.055	< 0.0010	< 0.00024	< 0.00028	<u>15.8</u>	<u>13.8</u>	<u>0.062</u>	0.052	373 ^J	43.5 ^J	29.3	92.2	< 1.2	10.6	27	34.7	2950
3	MW-2301	7/26/2022	0.070 ^J	< 0.0010	< 0.00024	< 0.00028	<u>0.71^J</u>	<u>18.5^J</u>	<u>0.14^J</u>	<u>0.071^J</u>	178 ^J	105	14.0 ^{JA}	10.5 ^{JA}	1.6 ^J	13.3	62.5	72.9	6220
3	MW-2301	10/26/2022	0.055	< 0.0010 ^U	0.00036 ^J	0.0005 ^J	<u>3.7</u>	<u>6.3</u>	0.03	0.034	211 ^{JA}	55.9	26.9 ^{JA}	5.1 ^J	< 1.2	30.1	23.9 ^J	94.2 ^J	3330 ^J
3	MW-2301	1/23/2023	0.058	< 0.0010	< 0.00024	< 0.00028	0.10 ^J	<u>5.5</u>	0.026	0.037	277	124	26.6	9.8 ^J	< 1.2	26.8	46.4	158	11400
3	MW-2301	4/24/2023	0.081	< 0.0010	< 0.00024	< 0.00028	<u>6.6</u>	<u>16</u>	<u>0.092</u>	<u>0.12</u>	447	30.5 ^J	28	77.3 ^J	1.2 ^J	8.1	50.2 ^J	156 ^J	11300 ^J
3	MW-2301	7/24/2023	0.08	< 0.0010	< 0.00024	< 0.00028	<u>6.3</u>	<u>6.2</u>	0.039	0.041	332	183	47.9	4.6	< 1.2	70	26.5 ^J	85.5 ^J	3150 ^J
3	MW-2301 DUP	4/9/2021	0.075	< 0.0010	< 0.00024	0.0064	<u>0.64</u>	<u>0.65</u>	<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	<u>22.8</u>	<u>24.4</u>	<u>0.12</u>	<u>0.12</u>	790	993	43.1	7.2 ^J	< 1.2	377	33.1	48.9	1420
3	MW-2301 DUP	4/26/2022	0.054	< 0.0010	< 0.00024	0.00066 ^J	<u>15</u>	<u>14.1</u>	0.058	0.052	420 ^J	25.9 ^J	29	87.1	< 1.2	11.4	32.9	42	2880
3	MW-2301 DUP	7/26/2022	0.058 ^J	< 0.0010	< 0.00024	< 0.00028	<u>0.18^J</u>	<u>9.2^J</u>	<u>0.073^J</u>	0.033 ^J	188	89.6	13.9 ^{JA}	10.9 ^{JA}	< 1.2	13.8	58.4	67.9	5590
3	MW-2301 DUP	10/26/2022	0.052	<u>0.02^J</u>	0.00042 ^J	0.0097 ^J	<u>3.7</u>	<u>7.6</u>	0.029	0.037	218 ^{JA}	74.5	23.4 ^{JA}	3 ^J	< 1.2	31	1.7 ^J	10.4 ^J	250 ^J
3	MW-2301 DUP	1/23/2023	0.061	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>5.1</u>	0.027	0.036	269	134	27.8	7.4 ^J	< 1.2	29.6	49.2	164	10800
3	MW-2301 DUP	4/24/2023	0.082	< 0.0010	< 0.00024	< 0.00028	<u>7.4</u>	<u>14.5</u>	<u>0.093</u>	<u>0.12</u>	454	26.3 ^J	27.3	79.1 ^J	< 1.2 ^{UJ}	7.6	25.1 ^J	76.7 ^J	6660 ^J
3	MW-2301 DUP	7/24/2023	0.08	< 0.0010	< 0.00024	< 0.00028	<u>5.9</u>	<u>7</u>	0.038	0.039	320	188	53.8	6.3	< 1.2	73.2	16.0 ^J	51.3 ^J	2260 ^J
3	PZ-2301	12/7/2020	0.093	0.0013 ^J	< 0.00024	0.0032	< 0.058	<u>2.2</u>	<u>0.18</u>	<u>0.18</u>	338	17.0 ^J	64	<u>130</u>	< 1.2 ^{UJ}	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^J</u>	0.13 ^J	<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	<u>51.8</u>	<u>54.9</u>	<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	<u>43.9</u>	<u>37.4</u>	<u>0.21</u>	<u>0.17</u>	581	1050	27	12.9	< 1.2	351	5.0 ^J	6.9	649
3	PZ-2301	1/24/2022	0.25	< 0.0010	< 0.00024	< 0.00028	<u>6.4</u>	<u>10.3</u>	<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 ^J	<u>0.66</u>	0.014 ^J	0.011 ^J	308 ^J	342	25.7	3.8 ^J	< 1.2	160 ^J	12	12.3	4850
3	PZ-2301	7/26/2022	0.055	< 0.0010	< 0.00024	0.00047 ^J	0.079 ^J	<u>0.22^J</u>	< 0.0035 ^U	< 0.0041 ^U	164 ^J	114	24.9	26.0 ^{JA}	< 1.2	43.9 ^{JA}	7.3	5.9	1730
3	PZ-2301	10/26/2022	0.034	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.35</u>	< 0.0012	0.0022 ^J	139 ^{JA}	53.8	24.5 ^{JA}	28.8	< 1.2	19.8	6.6	5.3	1070
3	PZ-2301	1/23/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.23^J</u>	< 0.0012	0.0020 ^J	113	32.1 ^J	21.4	24.5	< 1.2	2.7	6.5	5.7	882
3	PZ-2301	4/24/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	<u>0.45</u>	< 0.0012	0.0018 ^J	115	< 15.5	25.6	35.4 ^J	1.8 ^{JA}	1.9	6.7	5.1	1150
3	PZ-2301	7/24/2023	0.021	< 0.0010	< 0.00024	< 0.00028	< 0.058	0.10 ^J	< 0.0012	< 0.0012	93.1	17.8 ^J	20.9	43.5	< 1.2	1.7	8.6	7.1	648 ^J

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

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

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

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

Notes:

mg/L = milligrams per liter

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

ug/L = micrograms per liter

^U = Qualified nondetect due to contamination

= Not Analyzed

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

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

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	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	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-44	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-44	7/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-65	12/10/2020	< 2.4	870	<u>25.5</u>	521	4.4^{J+}
4	MW-65	4/9/2021	< 1.5	354	11.7	45.4	1.3^J
4	MW-65	12/8/2021	< 0.58	2.0	< 0.53	<u>0.77^J</u>	0.46^J
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	2.2
4	MW-65	4/25/2022	< 2.3	395	3.3 ^J	< 1.3	14.2
4	MW-65	7/26/2022	< 1.5	296	4.3	< 0.80	10.5
4	MW-65	10/25/2022	<u>1.9^J</u>	3220	<u>32.3</u>	< 0.80	1140
4	MW-65	1/25/2023	< 29.1	3500	<u>29.3^J</u>	< 16.0	6370
4	MW-65	7/24/2023	< 5.8	1180	< 5.3	< 3.2	2440
4	MW-65R	4/25/2023	< 1.2	122	< 1.1	< 0.64	370
4	MW-77	4/9/2021	< 0.58	0.67 ^J	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
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-79	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-79	7/25/2023	< 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
4	MW-80	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-80	7/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
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 ^J	< 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 ^J	< 1.1	< 0.26	0.27^J
4	MW-81	4/15/2020	< 0.24	6.1	1.5 ^J	< 0.26	1.2
4	MW-81	11/4/2020	< 0.24	0.42 ^J	< 0.46	< 0.26	< 0.17
4	MW-81	4/7/2021	< 0.58	5.2	1.3	< 0.32	2.4
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 ^J	< 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 ^J	< 0.53	< 0.32	< 0.17
4	MW-81	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-81	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-81	4/25/2023	< 0.58	7.6	2.0	< 0.32	5.0
4	MW-81	7/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82	5/17/2018	< 4.1	561	<u>42.3</u>	304	7.5^J
4	MW-82	10/18/2018	< 0.24	133	4	17.9	25.1
4	MW-82	4/17/2019	<u>0.88^J</u>	372	<u>36.7</u>	204	4.1
4	MW-82	10/9/2019	< 1.2	553	<u>46.9</u>	220	11
4	MW-82	4/15/2020	< 1.2	417	<u>39.2</u>	121	5.9
4	MW-82	11/4/2020	< 0.24	97.3	9.5	5.3	31.9
4	MW-82	4/7/2021	< 2.9	488	<u>45</u>	97.1	13.7
4	MW-82	12/8/2021	< 0.58	< 0.47	< 0.53	< 0.32	0.46^J
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 ^J	< 0.53	< 0.32	0.37^J
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	0.26^J
4	MW-82	10/25/2022	< 0.58	1.3	< 0.53	< 0.32	< 0.17
4	MW-82	1/24/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82	7/25/2023	< 0.58	0.48 ^J	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date					
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	0.28^J
4	MW-82 DUP	10/25/2022	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	1/24/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	7/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
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^J	0.20^J
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^{J+}	< 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	PZ-82	1/25/2023	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
4	PZ-82	4/25/2023	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
4	PZ-82	7/25/2023	< 5.8	< 4.7	< 5.3	< 3.2	< 1.7
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
4	MW-108	1/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	4/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17
4	MW-108	7/25/2023	< 0.58	< 0.47	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date					
4	MW-108 DUP	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-108 DUP	10/17/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	4/14/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17
4	MW-108 DUP	11/4/2020	< 0.24	< 0.27	< 0.46	< 0.26	< 0.17

Notes:

ug/L = micrograms per liter

NA = Not Analyzed

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

^U = Qualified nondetect due to contamination

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

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

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

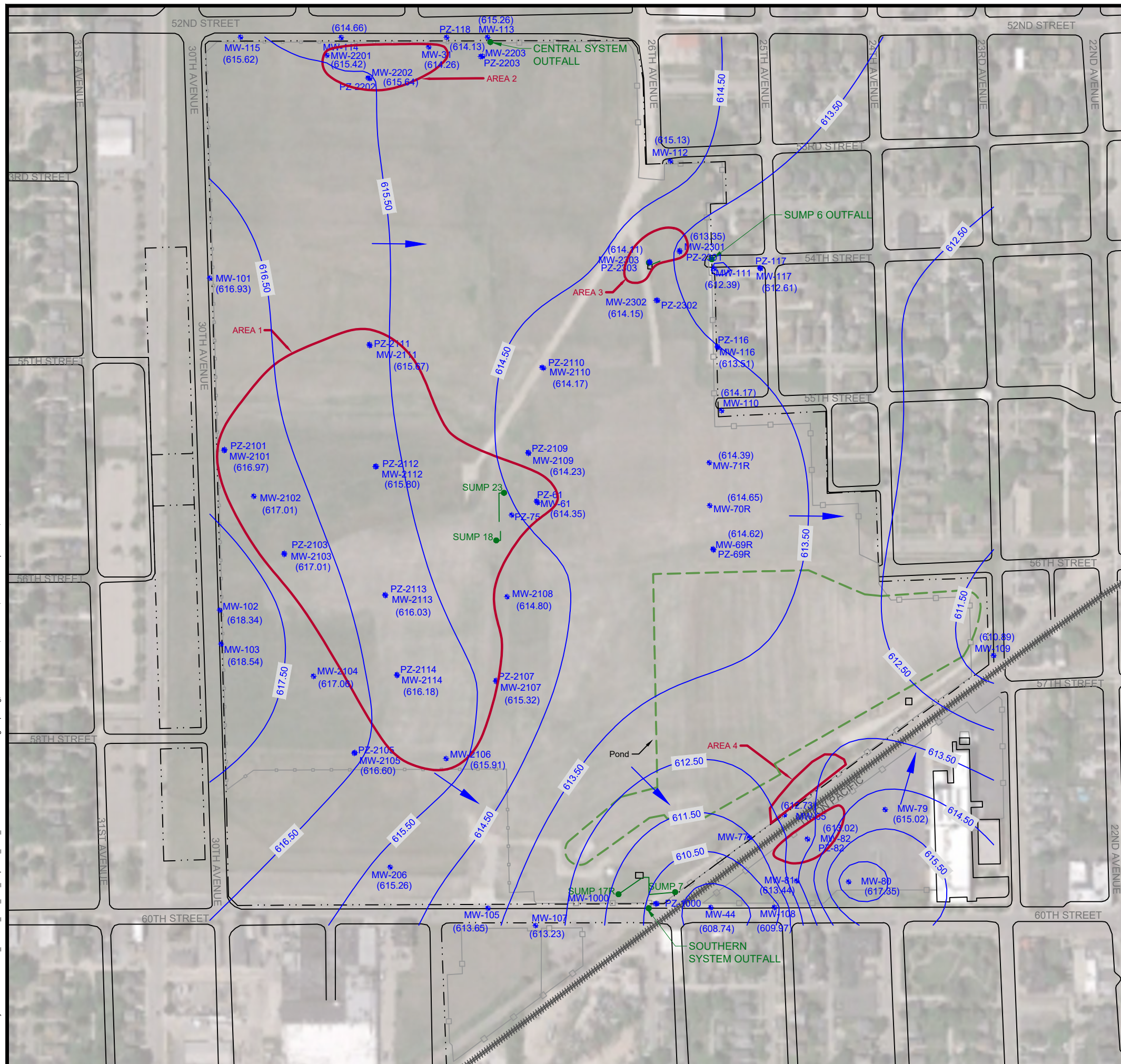
Treatment Area	Sample Location	Sample Date	Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane			
			ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE	NE	
			PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE	NE	NE
			Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T	N	N	N			
4	MW-44	12/10/2020		0.033	< 0.0010	< 0.00024	0.001	< 0.058	<u>0.42</u>	0.037	<u>0.076</u>	388	< 14.7	<u>339</u>	<u>163</u>	< 1.2 ^{UJ}	1.3	< 1.2	< 1.2	0.96 ^J			
4	MW-44	4/9/2021		0.033	< 0.0010	< 0.00024	0.00091 ^J	< 0.058	<u>0.20</u> ^J	0.023	<u>0.096</u>	384	< 14.7	<u>341</u>	<u>166</u>	< 1.2	1.3	< 1.2	< 1.2	< 0.66			
4	MW-44	12/8/2021		0.043	< 0.0010	< 0.00024	0.0023	< 0.058	< 0.058	<u>0.068</u>	<u>0.069</u>	396	25.9 ^J	<u>421</u>	<u>154</u>	< 1.2	1.2	< 0.39	< 0.25	< 0.58			
4	MW-44	1/12/2022		0.048	< 0.0010	< 0.00024	0.002	< 0.058	0.11 ^J	<u>0.12</u>	<u>0.16</u>	384	15.7 ^J	<u>506</u>	<u>145</u>	< 1.2	1.3	< 0.39	< 0.25	< 0.58			
4	MW-44	2/7/2022		0.043	< 0.0010	< 0.00024	0.0018	< 0.058	<u>1.6</u>	0.036	<u>0.43</u>	370	< 14.7	<u>476</u>	<u>132</u>	< 1.2	1.1	< 0.39	< 0.25	< 0.58			
4	MW-65	12/10/2020		0.3	< 0.0010	< 0.00024	0.0032	<u>0.76</u>	<u>1.1</u>	<u>0.12</u>	<u>0.12</u>	451	41.7 ^J	<u>1080</u>	109	< 1.2 ^{UJ}	3.8	< 1.2	< 1.2	67.3			
4	MW-65	4/9/2021		0.13	< 0.0010	< 0.00024	0.0019	<u>4.6</u>	<u>27.8</u>	<u>0.44</u>	<u>0.55</u>	487	23.7 ^J	<u>482</u>	<u>136</u>	< 1.2	3.9	< 1.2	< 1.2	16.3			
4	MW-65	12/8/2021		<u>0.63</u>	< 0.0020	< 0.00047	< 0.00057	<u>27.9</u>	<u>33.2</u>	<u>0.079</u>	<u>0.068</u>	494	377	<u>965</u>	< 8.9	< 1.2	103	40.8	45.8	281			
4	MW-65	1/11/2022		0.25	0.0011 ^J	< 0.00024	< 0.00028	<u>12.3</u>	<u>12.7</u>	0.043	0.044	436	65.5	<u>929</u>	40.3	< 1.2	19.6	16.9	16.5	136			
4	MW-65	2/7/2022		0.27	< 0.0010	< 0.00024	< 0.00028	<u>13.3</u>	<u>14.7</u>	<u>0.092</u>	<u>0.097</u>	419	30.3 ^J	<u>884</u>	48.8	< 1.2	4.2	10.8	9.2	110			
4	MW-65	4/25/2022		0.26	< 0.0010	< 0.00024	0.00045 ^J	<u>17</u>	<u>16.9</u>	<u>0.26</u>	<u>0.26</u>	563 ^{-J}	34.7 ^J	<u>833</u>	<u>148</u>	< 1.2 ^{UJ}	2.9	0.82 ^J	1.0 ^J	44.5			
4	MW-65	7/26/2022		<u>0.7</u>	< 0.0010	< 0.00024	0.00060 ^J	<u>16.1</u>	<u>17.4</u>	<u>0.35</u>	<u>0.35</u>	540 ^{-J}	28.1 ^J	<u>855</u> ^{-J}	120 ^{+J}	< 1.2	2	0.62 ^J	2.7 ^J	89.7			
4	MW-65	10/25/2022		<u>1.2</u>	< 0.0010	< 0.00024	< 0.00028	<u>36.3</u>	<u>34.5</u>	<u>0.14</u>	<u>0.15</u>	609	96.2	<u>1140</u>	5.6 ^J	< 1.2	27.8	5.5 ^J	293	702			
4	MW-65	1/25/2023		<u>0.99</u>	< 0.0010	< 0.00024	< 0.00028	<u>15.4</u>	<u>17.9</u>	<u>0.19</u>	<u>0.18</u>	574	77.1	<u>1170</u>	19.0 ^J	< 1.2	1.6	2.2 ^J	481	1830			
4	MW-65	7/24/2023		<u>0.86</u>	< 0.0010	< 0.00024	0.00043 ^J	<u>6.5</u>	<u>8.7</u>	<u>0.21</u>	<u>0.24</u>	576	34.8 ^J	<u>1030</u>	88	< 1.2	4.2	4.4 ^J	467	2200			
4	MW-65R	4/25/2023		<u>0.54</u>	< 0.0010	< 0.00024	0.0012	<u>13.8</u>	<u>15.7</u>	<u>0.33</u>	<u>0.36</u>	596	81.4	<u>613</u>	<u>228</u>	< 1.2	27.1	2.4 ^J	318	522			
4	MW-79	4/7/2021		0.29	< 0.0051	<u>0.0018</u>	0.0017	<u>3.4</u>	<u>3.5</u>	<u>0.2</u>	<u>0.2</u>	433	79.9	<u>2080</u>	89.9	< 1.2	1.1	< 1.2	< 1.2	3.8			
4	MW-79	12/8/2021		0.24	< 0.0051	< 0.0012	< 0.0014	<u>3.7</u>	<u>3.9</u>	<u>0.16</u>	<u>0.17</u>	375	109	<u>2460</u>	90.0 ^J	< 1.2	0.98	< 0.39	< 0.25	6.3			
4	MW-79	1/11/2022		0.33	< 0.0010	< 0.00024	< 0.00028	<u>3.8</u>	<u>4.3</u>	<u>0.21</u>	<u>0.22</u>	386	87.4	<u>2540</u>	87.1	< 1.2	1.3	< 0.39	< 0.25	3.1			
4	MW-79	2/7/2022		0.24	< 0.0010	< 0.00024	< 0.00028	<u>3.3</u>	<u>4.1</u>	<u>0.17</u>	<u>0.18</u>	359	72.1	<u>2450</u>	53.2 ^J	< 1.2	0.42 ^J	< 0.39	< 0.25	3.4			
4	MW-80	4/7/2021		0.24	< 0.0020	0.00073	0.0018	<u>2.5</u>	<u>3.3</u>	<u>0.11</u>	<u>0.12</u>	457	48.4 ^J	<u>667</u>	75.6	< 1.2	4.2	< 1.2	< 1.2	35			
4	MW-80	12/8/2021		0.25	< 0.0010	< 0.00024	0.00089 ^J	<u>2.6</u>	<u>4.8</u>	0.052	<u>0.067</u>	451	45.7 ^J	<u>650</u>	73.8	< 1.2	2.8	< 0.39	< 0.25	14.6			
4	MW-80	1/11/2022		0.27	< 0.0010	< 0.00024	0.0021	<u>3.1</u>	<u>3.5</u>	<u>0.066</u>	<u>0.067</u>	450	17.1 ^J	<u>611</u>	73.1	< 1.2	2.9	< 0.39	< 0.25	11			
4	MW-80	2/7/2022		0.24	< 0.0010	< 0.00024	0.0011	<u>2.8</u>	<u>3.3</u>	<u>0.061</u>	<u>0.065</u>	440	19.3 ^J	<u>575</u>	59.9	< 1.2	2.4	< 0.39	< 0.25	15.4			
4	MW-81	4/7/2021		0.18	< 0.0051	< 0.0012	< 0.0014	<u>4.8</u>	<u>5.7</u>	<u>0.21</u>	<u>0.21</u>	485	37.2 ^J	<u>984</u>	103	< 1.2	2	< 1.2	< 1.2	20.1			
4	MW-81	12/8/2021		0.15	< 0.0010	< 0.00024	< 0.00028	<u>4.8</u>	<u>4.8</u>	<u>0.17</u>	<u>0.17</u>	455	45.7 ^J	<u>771</u>	<u>126</u>	< 1.2	1.9	< 0.39	< 0.25	0.64 ^J			
4	MW-81	1/11/2022		0.15	< 0.0010	< 0.00024	< 0.00028	<u>4.8</u>	<u>5.3</u>	<u>0.17</u>	<u>0.18</u>	474	< 14.7	<u>706</u>	122	< 1.2	2	< 0.39	< 0.25	3.4			
4	MW-81	2/7/2022		0.15	< 0.0010	< 0.00024	< 0.00028	<u>2.1</u>	<u>5.9</u>	<u>0.17</u>	<u>0.18</u>	448	38.8 ^J	<u>706</u>	116	< 1.2	1.9	< 0.39	< 0.25	< 0.58			

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

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

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
NA = Not Analyzed
NE = Not Established
^J = Estimated value (+/- indicated the direction of bias)
^U = Qualified nondetect due to contamination
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are underlined italics.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold**.

File: L:\DCS\Projects\ENV\60705270_2024-24_KEP_GW_Smpl\100_CAD_GIS\CAD\KEP - GW Perm Design\Plot.dwg, USER: SCHOLZ, CAROLYN, PLOTTED: September 8, 2023 - 9:24 AM



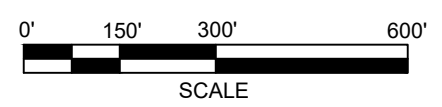
- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - ++++ RAILROAD
 - - - - EXISTING FENCE
 - SUMPS AND SANITARY OUTFALLS
 - SUMP UTILITY LINES
 - ⊕ MONITORING WELLS AND PIEZOMETERS
 - REMEDIAL TREATMENT AREAS
 - (614.39) GROUNDWATER ELEVATIONS
 - 615.50 GROUNDWATER CONTOUR (INTERVAL AT 1.0 FT.)
 - GROUNDWATER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

AECOM

1555 RiverCenter Dr
 Milwaukee, WI 53212
 414.944.6080
 www.aecom.com
 Copyright ©2012, By: AECOM USA, Inc.

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



Drawn :	CAS 9/8/2023
Checked:	LLA 9/8/2023
Approved:	LLA 9/8/2023
PROJECT NUMBER	60705270
FIGURE NUMBER	1

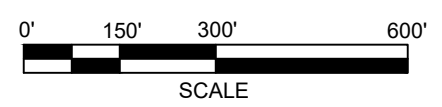
File: L:\DCS\Projects\ENV\60705270_2024-24_KEP_GW_Smpl\100_CAD_GIS\CAD\KEP - GW Rem Design\Plt.dwg, USER: SCHOLZ, CAROLYN, PLOTTED: September 8, 2023 - 7:55 AM



1555 RiverCenter Dr
 Milwaukee, WI 53212
 414.944.6080
 www.aecom.com
 Copyright ©2012, By: AECOM USA, Inc.

GROUNDWATER ELEVATIONS CONTOUR MAP (PIEZOMETERS)

JULY 2023
 KENOSHA ENGINE PLANT
 CITY OF KENOSHA
 KENOSHA, WISCONSIN



Drawn :	CAS	9/8/2023
Checked:	LLA	9/8/2023
Approved:	LLA	9/8/2023
PROJECT NUMBER	60705270	
FIGURE NUMBER	2	

Memorandum

Date: August 19, 2023
 To: Lanette Altenbach, Project Manager (PG)
 From: Lisa Smith, Environmental Chemist (CEAC)
 Subject: Data Validation - Analytical Results for Groundwater Samples
 Former Kenosha Engine Plant
 Kenosha, Wisconsin

SUMMARY

Data validation was performed on the analytical results for the groundwater samples collected at the Kenosha, WI site on July 24 through 27, 2023. Forty-nine groundwater samples, 6 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) 40265783 and 40265850.

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	49 Groundwater Sample 6 Field Duplicates 3 Trip Blanks
Methane, Ethene, Ethane (MEE)	SW8015B Modified	28 Groundwater Samples ¹ 6 Field Duplicates
Dissolved and Total Metals	SW6020B	
Alkalinity	EPA 310.2	
Anions (chloride and sulfate)	EPA 300.0	
Chemical Oxygen Demand (COD)	EPA 410.4	
Sulfide	SM 4500-S F	
Total organic carbon (TOC)	SM 5310C	

¹ Sample MW-2111 had low volume, and analyses were not performed for alkalinity, chloride, sulfate, and dissolved metals. Limited analyses were also performed for sample PZ-2103 DUP.

REVIEW ELEMENTS

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

Limited Validation

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

DISCUSSION

Sample Receipt

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

The post analysis pH measurement for VOC and methane/ethane/ethene (MEE) samples PZ-2101, PZ-2103, PZ-2103 DUP, PZ-2111, and PZ-2113 indicate insufficient preservation. These samples were analyzed within the 7-day hold time for unpreserved samples, with the exception of those listed in the table below.

Sample	Analyte	Hold Time Exceedance	Qualifiers
PZ-2101	VOCs (all)	2 days	Detects: J- Nondetects: UJ
PZ-2113	cis-1,2-Dichloroethene Trichloroethene	1 day	J-

In addition, laboratory qualifiers indicate that the total metals sample for MW-2111 did not meet preservation requirements. Additional preservative is usually added upon sample receipt for metals.

Laboratory qualifiers indicate that six VOC samples and one MEE sample were analyzed from a vial with headspace exceeding 6 mm. Sample detects were qualified as estimated biased low (J-), and nondetects were qualified UJ.

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

- There were two MW-2102 samples listed on the CoCs. Field notes were reviewed by the PM and ID for sample 40265783-045 was updated to MW-2101.
- Four samples had container label issues. The laboratory logged in the samples using collection times (or IDs) listed on the CoCs. For sample MW-2111, the CoC had 095 for the collection time, and the laboratory used the label time of 9:55.
- Sample MW-2102 was received with one broken vial. The laboratory was able to report results using the five remaining intact vials.

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
450991	7/31/2023	Total organic carbon	0.15 J mg/L	The associated sample concentrations were greater than 5 times the blank concentration, and were acceptable without qualification.
450992	7/31/2023	Total organic carbon	0.16 J mg/L	
451115	8/1/2023	Total organic carbon	0.32 J mg/L	

Trip Blanks

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

Surrogate Recoveries

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

Laboratory Control Samples (LCSs)

LCSs are analyzed to monitor the accuracy of the analytical method independent of matrix effects. The LCS recoveries were within the laboratory specified QC limits, with the exceptions of those listed in the table below.

Batch (Analysis Date)	Compound	% Recovery	Recovery Limits	Results Qualified
450895	Chloromethane	134	51-122	Associated sample results were nondetect, and were acceptable without qualification.
	Dichlorodifluoromethane	143	25-121	
450896	Ethylbenzene	122	80-120	Associated sample results were nondetect, and were acceptable without qualification.
	Styrene	140	70-130	

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

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

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

- VOCs: MW-2102, MW-2110
- Dissolved Metals: MW-2110, PZ-61, PZ-2101
- Total Metals: MW-2110, PZ-61, PZ-2101
- Methane/Ethane/Ethene: PZ-2107, PZ-2110
- Alkalinity: MW-2107, PZ-2107
- Chloride, Sulfate: PZ-2101, PZ-2301 DUP
- COD: MW-2110, MW-2301, PZ-2110, PZ-2301 DUP
- Sulfide: MW-2110, PZ-61

- TOC: MW-2102, MW-2110, PZ-2101, 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-2101	Toluene	126/112	80-120	The detect for sample MW-2101 was qualified as estimated biased high (J+).
	Chloromethane	132/114	42-125	The results for sample MW-2101 were nondetect, and was acceptable without qualification.
	Ethylbenzene	135/119	80-121	
	Styrene	152/136	70-132	
	Xylene (Total)	131/116	70-130	
MW-2110	Sulfide	73/70	80-120	The result for sample MW-2110 was nondetect and qualified as estimated (UJ).
PZ-61	Sulfide	66/59	80-120	The result for sample PZ-61 was nondetect and qualified as estimated (UJ).
PZ-2101	Calcium, dissolved	-448/361	75-125	The sample concentrations were greater than 4 times the spike concentration. No qualifiers.
	Iron, dissolved	60/156	75-125	
	Magnesium, dissolved	74/121	75-125	
	Sodium, dissolved	-51/199	75-125	
	Iron, Total	234/66	75-125	
PZ-2107	Methane	177/258	12-198	The methane result for sample PZ-2107 was qualified as estimated biased high (J+).

Bold indicates an exceedance

Quantitation

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

The trans-1,2-dichloroethene result for sample PZ-2113 was quantitated above the instrument calibration range and qualified as estimated (J).

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-2114	Iron	mg/L	0.95	1.6	51
MW-31	Manganese	mg/L	0.093	0.12	25
MW-2113	Manganese	mg/L	0.13	0.16	21

Field Duplicates

Field duplicates are collected to assess the overall precision of field sampling and laboratory analysis. Six 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).

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
MW-82 / MW-82 DUP:					

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
cis-1,2-Dichloroethene	ug/l	1.0	0.48 J	0.47 U	2.1
Barium, dissolved	mg/L	0.0023	0.023	0.024	4.3
Iron, dissolved	mg/L	0.25	1.3	0.42	> ± LOQ
Iron, total	mg/L	1.2	21.3	2.9	> ± LOQ
Lead, dissolved	mg/L	0.001	0.00044 J	0.00024 U	--
Manganese, dissolved	mg/L	0.004	0.024	0.046	62.9
Manganese, total	mg/L	0.02	0.2	0.055	> ± LOQ
Nickel, dissolved	mg/L	0.001	0.00069 J	0.00049 J	± LOQ
Alkalinity, Total as CaCO3	mg/L	125	365	323	12.2
Chemical Oxygen Demand	mg/L	50	62.3	43.2 J	± LOQ
Chloride	mg/L	20	256	199	25.1
Ethane	ug/l	5.6	6.4	15.9	85.2
Ethene	ug/l	5	1.8 J	3.4 J	± LOQ
Methane	ug/l	280	2280	5400	81.3
Sulfate	mg/L	20	11.9 J	10.4 J	13.5
Total organic carbon	mg/L	0.5	3.5	3.6	2.8
cis-1,2-Dichloroethene	ug/l	1.0	0.48 J	0.47 U	2.1
MW-2103 / MW-2103 DUP:					
cis-1,2-Dichloroethene	ug/l	10	88.2	87	1.4
Trichloroethene	ug/l	10	8.7 J	7.6 J	13.5
Vinyl chloride	ug/l	10	526	568	7.7
Barium, dissolved	mg/L	0.0023	0.081	0.085	4.8
Iron, total	mg/L	0.25	4.8	5.2	8.0
Iron, dissolved, dissolved	mg/L	0.25	3.4	3.4	0
Manganese, total	mg/L	0.004	0.27	0.27	0
Manganese, dissolved	mg/L	0.004	0.26	0.27	3.8
Nickel, dissolved	mg/L	0.001	0.0014	0.0014	0
Alkalinity, Total as CaCO3	mg/L	125	431	429	0.5
Chemical Oxygen Demand	mg/L	50	43.2 J	45.4 J	5.0
Chloride	mg/L	20	166	165	0.6
Ethane	ug/l	5.6	11.7	14.3	20
Ethene	ug/l	200	498	338	± LOQ
Methane	ug/l	112	2950	2420	19.7
Sulfate	mg/L	20	218	216	0.9
Total organic carbon	mg/L	7.5	13.8	14.1	2.2
MW-2201 / MW-2201 DUP:					
1,1-Dichloroethane	ug/l	1.0	1.2	1.6	28.6
cis-1,2-Dichloroethene	ug/l	1.0	127	190	39.7
Vinyl chloride	ug/l	1.0	199	234	16.2

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Barium, dissolved	mg/L	0.0023	0.075	0.081	7.7
Iron, total	mg/L	0.25	12.7	12.2	4.0
Iron, dissolved	mg/L	0.25	11.8	11.6	1.7
Manganese, total	mg/L	0.004	0.064	0.067	4.6
Manganese, dissolved	mg/L	0.004	0.063	0.065	3.1
Nickel, dissolved	mg/L	0.001	0.00048 J	0.00046 J	4.3
Alkalinity, Total as CaCO3	mg/L	50	417	448	7.2
Chemical Oxygen Demand	mg/L	50	26.3 J	28.4 J	7.7
Chloride	mg/L	20	58.4	58.7	0.5
Ethane	ug/l	5.6	15.5	20.2	26.3
Ethene	ug/l	200	435	408	6.4
Methane	ug/l	112	3120	3450	10
Sulfate	mg/L	20	281	254	10.1
Total organic carbon	mg/L	0.5	3.6	4.6	24.4
MW-2301 / MW-2301 DUP:					
cis-1,2-Dichloroethene	ug/l	1.0	1.6	1.3	20.7
Vinyl chloride	ug/l	1.0	1.2	1.6	28.6
Barium, dissolved	mg/L	0.0023	0.08	0.08	0
Iron, dissolved	mg/L	0.25	6.3	5.9	6.6
Iron, total	mg/L	0.25	6.2	7.0	12.1
Manganese, dissolved	mg/L	0.004	0.039	0.038	2.6
Manganese, total	mg/L	0.004	0.041	0.039	5.0
Alkalinity, Total as CaCO3	mg/L	125	332	320	3.7
Chemical Oxygen Demand	mg/L	52.6	183	188	2.7
Chloride	mg/L	20	47.9	53.8	11.6
Ethane	ug/l	5.6	26.5	16	> ± LOQ
Ethene	ug/l	5.0	85.5	51.3	50
Methane	ug/l	140	3150	2260	32.9
Sulfate	mg/L	20	4.6 J	6.3 J	± LOQ
Total organic carbon	mg/L	3.0	70	73.2	4.5
PZ-2103 / PZ-2103 DUP:					
cis-1,2-Dichloroethene	ug/l	5000	72600	63700	13.1
Trichloroethene	ug/l	5000	785000	694000	12.3
Barium, dissolved	mg/L	0.0047	0.019	0.021	10
Calcium, dissolved	mg/L	5.1	463	441	4.9
Iron, total	mg/L	25	98	127	25.8
Iron, dissolved	mg/L	5.0	109	115	5.4
Magnesium, dissolved	mg/L	5.0	174	176	1.1
Manganese, total	mg/L	0.4	1.3	1.9	> ± LOQ

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Manganese, dissolved	mg/L	0.081	1.4	1.4	0
Nickel, dissolved	mg/L	0.02	0.0085 J	0.0068 J	22.2
Potassium, dissolved	mg/L	15.8	10.3 J	10.1 J	2
Sodium, dissolved	mg/L	25	6390	6430	0.6
Alkalinity, Total as CaCO3	mg/L	500	4130	4060	1.7
Chemical Oxygen Demand	mg/L	1000	7560	8110	7.0
Chloride	mg/L	200	833	838	0.6
Ethane	ug/l	5.6	468	467	0.2
Ethene	ug/l	250	5130	5280	2.9
Methane	ug/l	2.8	78.8	79.4	0.8
Sulfate	mg/L	2000	8080	10100	22.2
Sulfide	mg/L	4.0	1.4 J	1.4 J	0
Total organic carbon	mg/L	75	1490	1530	2.6
PZ-2301 / PZ-2301 DUP:					
Barium, dissolved	mg/L	0.0023	0.021	0.022	4.7
Iron, total	mg/L	0.25	0.1 J	0.12 J	18.2
Manganese, total	mg/L	0.004	0.0012 U	0.0016 J	28.6
Nickel, dissolved	mg/L	0.001	0.00028 U	0.00091 J	--
Alkalinity, Total as CaCO3	mg/L	50	93.1	90.3	3.1
Chemical Oxygen Demand	mg/L	52.6	17.8 J	15.5 U	13.8
Chloride	mg/L	20	20.9	23.7	12.6
Ethane	ug/l	5.6	8.6	5.3 J	± LOQ
Ethene	ug/l	5.0	7.1	4.4 J	± LOQ
Methane	ug/l	28	648	427	41.1
Sulfate	mg/L	20	43.5	44.8	2.9
Total organic carbon	mg/L	0.5	1.7	1.7	0

Bold indicates an RPD (or precision) exceedance

Qualification Actions

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

Table 1 - Data Validation Summary of Qualified Data

Sample ID	Analyte	Units	Validation Qualifier	Reason Code	
MW-113 PZ-118 TB-01	MW-2111 PZ-2105 TB-02	VOCs	ug/L	Detects: J- Nondetects: UJ	hs

Table 1 - Data Validation Summary of Qualified Data

Sample ID	Analyte	Units	Validation Qualifier	Reason Code
PZ-2113	Methane Ethane Ethene	ug/L	J-	hs
PZ-2101	VOCs	ug/L	Detects: J- Nondetects: UJ	h
PZ-2113	cis-1,2-Dichloroethene Trichloroethene	ug/L	J-	h
MW-2101	Toluene	ug/L	J+	m
MW-2110 PZ-61	Sulfide	mg/L	UJ	m
PZ-2107	Methane	ug/L	J+	m
PZ-2113	trans-1,2-Dichloroethene	ug/L	J	e
MW-31 MW-2113	Manganese (total and diss)	mg/L	J	dt
MW-2114	Iron (total and diss)	mg/L	J	dt
MW-82 MW-82 DUP	Iron, dissolved Iron, total Manganese, dissolved Manganese, total Ethane Methane	mg/L mg/L mg/L mg/L ug/L ug/L	J	fd
MW-2201 MW-2201 DUP	cis-1,2-Dichloroethene	ug/L	J	fd
MW-2301 MW-2301 DUP	Ethane Ethene Methane	ug/L ug/L ug/L	J	fd
PZ-2103 PZ-2103 DUP	Manganese, total	mg/L	J	fd
PZ-2301 PZ-2301 DUP	Methane	ug/L	J	fd

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



August 14, 2023

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

RE: Project: 60705270 KEP
Pace Project No.: 40265783

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

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

Enclosures

cc: Keith Nielsen, AECOM



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: 60705270 KEP

Pace Project No.: 40265783

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40265783001	TB-01	Water	07/24/23 09:00	07/27/23 09:35
40265783002	MW-2110	Water	07/24/23 09:20	07/27/23 09:35
40265783003	PZ-2110	Water	07/24/23 10:00	07/27/23 09:35
40265783004	MW-2302	Water	07/24/23 11:00	07/27/23 09:35
40265783005	PZ-2302	Water	07/24/23 11:30	07/27/23 09:35
40265783006	MW-2108	Water	07/24/23 11:50	07/27/23 09:35
40265783007	MW-65	Water	07/24/23 12:45	07/27/23 09:35
40265783008	MW-2301	Water	07/24/23 13:40	07/27/23 09:35
40265783009	PZ-2301	Water	07/24/23 13:40	07/27/23 09:35
40265783010	MW-2114	Water	07/24/23 14:00	07/27/23 09:35
40265783011	PZ-2114	Water	07/24/23 14:45	07/27/23 09:35
40265783012	MW-2301 DUP	Water	07/24/23 12:30	07/27/23 09:35
40265783013	PZ-2301 DUP	Water	07/24/23 13:40	07/27/23 09:35
40265783014	MW-2104	Water	07/24/23 15:45	07/27/23 09:35
40265783015	MW-2303	Water	07/24/23 14:45	07/27/23 09:35
40265783016	PZ-2303	Water	07/24/23 16:45	07/27/23 09:35
40265783017	MW-2109	Water	07/24/23 16:45	07/27/23 09:35
40265783018	PZ-2109	Water	07/24/23 17:20	07/27/23 09:35
40265783019	MW-79	Water	07/25/23 06:45	07/27/23 09:35
40265783020	MW-80	Water	07/25/23 07:15	07/27/23 09:35
40265783021	MW-81	Water	07/25/23 07:45	07/27/23 09:35
40265783022	MW-82	Water	07/25/23 10:00	07/27/23 09:35
40265783023	MW-82 DUP	Water	07/25/23 10:00	07/27/23 09:35
40265783024	PZ-82	Water	07/25/23 09:30	07/27/23 09:35
40265783025	MW-108	Water	07/25/23 11:00	07/27/23 09:35
40265783026	MW-44	Water	07/25/23 11:30	07/27/23 09:35
40265783027	PZ-2203	Water	07/25/23 09:47	07/27/23 09:35
40265783028	MW-2203	Water	07/25/23 10:25	07/27/23 09:35
40265783029	MW-2105	Water	07/25/23 11:40	07/27/23 09:35
40265783030	PZ-2105	Water	07/25/23 12:15	07/27/23 09:35
40265783031	MW-31	Water	07/25/23 11:20	07/27/23 09:35
40265783032	MW-2106	Water	07/25/23 13:15	07/27/23 09:35
40265783033	MW-2202	Water	07/25/23 12:50	07/27/23 09:35
40265783034	MW-2107	Water	07/25/23 14:10	07/27/23 09:35
40265783035	PZ-2202	Water	07/25/23 14:00	07/27/23 09:35
40265783036	PZ-2107	Water	07/25/23 14:45	07/27/23 09:35
40265783037	MW-2201	Water	07/25/23 15:40	07/27/23 09:35

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40265783038	MW-2201 DUP	Water	07/25/23 15:50	07/27/23 09:35
40265783039	MW-61	Water	07/26/23 07:00	07/27/23 09:35
40265783040	PZ-61	Water	07/26/23 07:45	07/27/23 09:35
40265783041	MW-2112	Water	07/26/23 08:00	07/27/23 09:35
40265783042	PZ-2112	Water	07/26/23 08:50	07/27/23 09:35
40265783043	MW-2113	Water	07/26/23 11:40	07/27/23 09:35
40265783044	PZ-118	Water	07/26/23 09:05	07/27/23 09:35
40265783045	MW-2101	Water	07/26/23 08:45	07/27/23 09:35
40265783046	MW-114	Water	07/26/23 11:35	07/27/23 09:35
40265783047	TB-02	Water	07/26/23 05:45	07/27/23 09:35

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265783001	TB-01	EPA 8260	EIB	63	PASI-G
40265783002	MW-2110	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783003	PZ-2110	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783004	MW-2302	EPA 8260	EIB	63	PASI-G
40265783005	PZ-2302	EPA 8260	EIB	63	PASI-G
40265783006	MW-2108	EPA 8260	EIB	63	PASI-G
40265783007	MW-65	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	KXS, TXW	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
40265783008	MW-2301	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265783009	PZ-2301	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	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783010	MW-2114	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783011	PZ-2114	SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783012	MW-2301 DUP	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265783013	PZ-2301 DUP	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783014	MW-2104	SM 5310C	TJJ	1	PASI-G
		EPA 8260	EIB	63	PASI-G
40265783015	MW-2303	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
		40265783016	PZ-2303	EPA 8015B Modified	KHB
EPA 6020B	TXW			2	PASI-G
EPA 6020B	TXW			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
40265783017	MW-2109			EPA 8260	EIB
		EPA 8260	EIB	63	PASI-G
40265783018	PZ-2109	EPA 8260	EIB	63	PASI-G
40265783019	MW-79	EPA 8260	EIB	63	PASI-G
40265783020	MW-80	EPA 8260	EIB	63	PASI-G
40265783021	MW-81	EPA 8260	EIB	63	PASI-G
40265783022	MW-82	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	TXW	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
40265783023	MW-82 DUP	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783024	PZ-82	EPA 8260	EIB	63	PASI-G
40265783025	MW-108	EPA 8260	EIB	63	PASI-G
40265783026	MW-44	EPA 8260	EIB	63	PASI-G
40265783027	PZ-2203	EPA 8260	EIB	63	PASI-G
40265783028	MW-2203	EPA 8260	EIB	63	PASI-G
40265783029	MW-2105	EPA 8260	EIB	63	PASI-G
40265783030	PZ-2105	EPA 8260	EIB	63	PASI-G
40265783031	MW-31	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783032	MW-2106	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

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
40265783033	MW-2202	EPA 8260	EIB	63	PASI-G
40265783034	MW-2107	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783035	PZ-2202	EPA 8260	EIB	63	PASI-G
40265783036	PZ-2107	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	TXW	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
40265783037	MW-2201	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	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
40265783038	MW-2201 DUP	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	6	PASI-G
		EPA 8260	EIB	63	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265783039	MW-61	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 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
40265783040	PZ-61	EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	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
40265783041	MW-2112	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
40265783042	PZ-2112	EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265783043	MW-2113	EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
		EPA 8015B Modified	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
40265783044	PZ-118	EPA 8260	EIB	63	PASI-G
40265783045	MW-2101	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
		40265783046	MW-114	EPA 8260	EIB
40265783047	TB-02	EPA 8260	EIB	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40265783002	MW-2110					
EPA 8015B Modified	Methane	1.4J	ug/L	2.8	07/31/23 14:34	
EPA 6020B	Iron	1.6	mg/L	0.25	07/29/23 08:09	
EPA 6020B	Manganese	0.34	mg/L	0.0040	07/29/23 08:09	
EPA 6020B	Barium, Dissolved	0.045	mg/L	0.0023	07/29/23 12:22	
EPA 6020B	Iron, Dissolved	0.34	mg/L	0.25	07/29/23 12:22	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	07/29/23 12:22	
EPA 6020B	Nickel, Dissolved	0.00069J	mg/L	0.0010	07/29/23 12:22	
EPA 8260	cis-1,2-Dichloroethene	7.9	ug/L	1.0	07/28/23 12:34	
EPA 8260	Vinyl chloride	7.4	ug/L	1.0	07/28/23 12:34	
EPA 300.0	Chloride	133	mg/L	20.0	07/28/23 13:44	
EPA 300.0	Sulfate	262	mg/L	20.0	07/28/23 13:44	
EPA 310.2	Alkalinity, Total as CaCO3	333	mg/L	25.0	08/04/23 11:50	
EPA 410.4	Chemical Oxygen Demand	21.0J	mg/L	52.6	08/04/23 07:48	
SM 5310C	Total Organic Carbon	2.8	mg/L	1.0	07/31/23 06:50	B
40265783003	PZ-2110					
EPA 8015B Modified	Ethene	0.35J	ug/L	5.0	07/31/23 12:12	
EPA 8015B Modified	Methane	1.4J	ug/L	2.8	07/31/23 12:12	
EPA 6020B	Iron	0.78	mg/L	0.25	07/29/23 08:30	
EPA 6020B	Manganese	0.092	mg/L	0.0040	07/29/23 08:30	
EPA 6020B	Barium, Dissolved	0.050	mg/L	0.0023	07/29/23 12:43	
EPA 6020B	Iron, Dissolved	0.93	mg/L	0.25	07/29/23 12:43	D9
EPA 6020B	Manganese, Dissolved	0.11	mg/L	0.0040	07/29/23 12:43	D9
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	07/29/23 12:43	
EPA 300.0	Chloride	614	mg/L	40.0	07/28/23 13:58	
EPA 300.0	Sulfate	380	mg/L	40.0	07/28/23 13:58	
EPA 310.2	Alkalinity, Total as CaCO3	300	mg/L	25.0	08/04/23 11:51	
EPA 410.4	Chemical Oxygen Demand	25.4J	mg/L	52.6	08/04/23 07:49	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	07/31/23 07:39	
40265783004	MW-2302					
EPA 8260	Benzene	0.48J	ug/L	1.0	07/28/23 17:46	
EPA 8260	Chloroethane	211	ug/L	5.0	07/28/23 17:46	
EPA 8260	1,1-Dichloroethane	275	ug/L	1.0	07/28/23 17:46	
EPA 8260	1,1-Dichloroethene	0.73J	ug/L	1.0	07/28/23 17:46	
EPA 8260	cis-1,2-Dichloroethene	105	ug/L	1.0	07/28/23 17:46	
EPA 8260	trans-1,2-Dichloroethene	1.7	ug/L	1.0	07/28/23 17:46	
EPA 8260	Methylene Chloride	45.9	ug/L	5.0	07/28/23 17:46	
EPA 8260	1,1,1-Trichloroethane	0.65J	ug/L	1.0	07/28/23 17:46	
EPA 8260	Trichloroethene	3.7	ug/L	1.0	07/28/23 17:46	
EPA 8260	Vinyl chloride	21.4	ug/L	1.0	07/28/23 17:46	
40265783005	PZ-2302					
EPA 8260	1,1-Dichloroethane	0.32J	ug/L	1.0	07/28/23 12:54	
40265783006	MW-2108					
EPA 8260	Vinyl chloride	2.9	ug/L	1.0	07/28/23 18:05	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783007	MW-65					
EPA 8015B Modified	Ethane	4.4J	ug/L	5.6	07/31/23 12:18	
EPA 8015B Modified	Ethane	467	ug/L	5.0	07/31/23 12:18	
EPA 8015B Modified	Methane	2200	ug/L	56.0	07/31/23 15:22	
EPA 6020B	Iron	8.7	mg/L	0.25	07/29/23 08:40	
EPA 6020B	Manganese	0.24	mg/L	0.0040	07/29/23 08:40	
EPA 6020B	Barium, Dissolved	0.86	mg/L	0.023	07/31/23 21:31	
EPA 6020B	Iron, Dissolved	6.5	mg/L	0.25	07/29/23 12:53	
EPA 6020B	Manganese, Dissolved	0.21	mg/L	0.0040	07/29/23 12:53	
EPA 6020B	Nickel, Dissolved	0.00043J	mg/L	0.0010	07/29/23 12:53	
EPA 8260	cis-1,2-Dichloroethene	1180	ug/L	10.0	07/31/23 11:01	
EPA 8260	Vinyl chloride	2440	ug/L	10.0	07/31/23 11:01	
EPA 300.0	Chloride	1030	mg/L	40.0	07/28/23 14:13	
EPA 300.0	Sulfate	88.0	mg/L	40.0	07/28/23 14:13	
EPA 310.2	Alkalinity, Total as CaCO3	576	mg/L	50.0	08/04/23 11:56	
EPA 410.4	Chemical Oxygen Demand	34.8J	mg/L	50.0	08/04/23 07:49	
SM 5310C	Total Organic Carbon	4.2	mg/L	1.0	07/31/23 08:39	
40265783008	MW-2301					
EPA 8015B Modified	Ethane	26.5	ug/L	5.6	07/31/23 12:25	
EPA 8015B Modified	Ethane	85.5	ug/L	5.0	07/31/23 12:25	
EPA 8015B Modified	Methane	3150	ug/L	140	07/31/23 15:29	
EPA 6020B	Iron	6.2	mg/L	0.25	07/29/23 08:45	
EPA 6020B	Manganese	0.041	mg/L	0.0040	07/29/23 08:45	
EPA 6020B	Barium, Dissolved	0.080	mg/L	0.0023	07/29/23 13:14	
EPA 6020B	Iron, Dissolved	6.3	mg/L	0.25	07/29/23 13:14	D9
EPA 6020B	Manganese, Dissolved	0.039	mg/L	0.0040	07/29/23 13:14	
EPA 8260	cis-1,2-Dichloroethene	1.6	ug/L	1.0	07/28/23 18:25	
EPA 8260	Vinyl chloride	1.2	ug/L	1.0	07/28/23 18:25	
EPA 300.0	Chloride	47.9	mg/L	10.0	07/28/23 15:10	
EPA 300.0	Sulfate	4.6J	mg/L	10.0	07/28/23 15:10	D3
EPA 310.2	Alkalinity, Total as CaCO3	332	mg/L	125	08/04/23 11:57	
EPA 410.4	Chemical Oxygen Demand	183	mg/L	50.0	08/04/23 07:50	
SM 5310C	Total Organic Carbon	70.0	mg/L	3.0	07/31/23 08:56	
40265783009	PZ-2301					
EPA 8015B Modified	Ethane	8.6	ug/L	5.6	07/31/23 12:32	
EPA 8015B Modified	Ethane	7.1	ug/L	5.0	07/31/23 12:32	
EPA 8015B Modified	Methane	648	ug/L	28.0	07/31/23 15:36	
EPA 6020B	Iron	0.10J	mg/L	0.25	07/29/23 09:01	
EPA 6020B	Barium, Dissolved	0.021	mg/L	0.0023	07/29/23 13:19	
EPA 300.0	Chloride	20.9	mg/L	10.0	07/28/23 15:25	
EPA 300.0	Sulfate	43.5	mg/L	10.0	07/28/23 15:25	
EPA 310.2	Alkalinity, Total as CaCO3	93.1	mg/L	50.0	08/04/23 11:58	
EPA 410.4	Chemical Oxygen Demand	17.8J	mg/L	50.0	08/04/23 07:50	
SM 5310C	Total Organic Carbon	1.7	mg/L	0.50	07/31/23 09:34	
40265783010	MW-2114					
EPA 8015B Modified	Ethane	11.3	ug/L	5.6	07/31/23 12:51	
EPA 8015B Modified	Methane	6350	ug/L	140	07/31/23 15:56	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783010	MW-2114					
EPA 6020B	Iron	0.95	mg/L	0.25	07/29/23 09:06	
EPA 6020B	Manganese	0.15	mg/L	0.0040	07/29/23 09:06	
EPA 6020B	Barium, Dissolved	0.15	mg/L	0.0023	07/29/23 13:24	
EPA 6020B	Iron, Dissolved	1.6	mg/L	0.25	07/29/23 13:24	CR
EPA 6020B	Lead, Dissolved	0.00067J	mg/L	0.0010	07/29/23 13:24	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	07/29/23 13:24	D9
EPA 6020B	Nickel, Dissolved	0.0073	mg/L	0.0010	07/29/23 13:24	
EPA 8260	1,1-Dichloroethane	0.35J	ug/L	1.0	07/28/23 18:44	
EPA 8260	cis-1,2-Dichloroethene	6.0	ug/L	1.0	07/28/23 18:44	
EPA 8260	Vinyl chloride	4.3	ug/L	1.0	07/28/23 18:44	
EPA 300.0	Chloride	105	mg/L	20.0	07/28/23 15:39	
EPA 300.0	Sulfate	95.5	mg/L	20.0	07/28/23 15:39	
EPA 310.2	Alkalinity, Total as CaCO3	577	mg/L	50.0	08/04/23 11:59	
EPA 410.4	Chemical Oxygen Demand	120	mg/L	50.0	08/04/23 07:50	
SM 5310C	Total Organic Carbon	31.4	mg/L	15.0	07/31/23 09:49	B
40265783011	PZ-2114					
EPA 8015B Modified	Methane	2.8J	ug/L	2.8	07/31/23 14:41	
EPA 6020B	Manganese	0.018	mg/L	0.0040	07/29/23 09:11	
EPA 6020B	Barium, Dissolved	0.17	mg/L	0.0023	07/29/23 13:29	
EPA 6020B	Manganese, Dissolved	0.011	mg/L	0.0040	07/29/23 13:29	
EPA 6020B	Nickel, Dissolved	0.0039	mg/L	0.0010	07/29/23 13:29	
EPA 300.0	Chloride	126	mg/L	20.0	07/28/23 15:53	
EPA 300.0	Sulfate	187	mg/L	20.0	07/28/23 15:53	
EPA 310.2	Alkalinity, Total as CaCO3	234	mg/L	25.0	08/04/23 12:00	
EPA 410.4	Chemical Oxygen Demand	19.9J	mg/L	50.0	08/04/23 07:50	
SM 5310C	Total Organic Carbon	3.6	mg/L	0.50	07/31/23 10:04	
40265783012	MW-2301 DUP					
EPA 8015B Modified	Ethane	16.0	ug/L	5.6	07/31/23 13:05	
EPA 8015B Modified	Ethene	51.3	ug/L	5.0	07/31/23 13:05	
EPA 8015B Modified	Methane	2260	ug/L	70.0	07/31/23 16:03	
EPA 6020B	Iron	7.0	mg/L	0.25	07/29/23 09:16	
EPA 6020B	Manganese	0.039	mg/L	0.0040	07/29/23 09:16	
EPA 6020B	Barium, Dissolved	0.080	mg/L	0.0023	07/29/23 13:35	
EPA 6020B	Iron, Dissolved	5.9	mg/L	0.25	07/29/23 13:35	
EPA 6020B	Manganese, Dissolved	0.038	mg/L	0.0040	07/29/23 13:35	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	07/28/23 15:01	
EPA 8260	Vinyl chloride	1.6	ug/L	1.0	07/28/23 15:01	
EPA 300.0	Chloride	53.8	mg/L	20.0	07/28/23 16:08	
EPA 300.0	Sulfate	6.3J	mg/L	20.0	07/28/23 16:08	D3
EPA 310.2	Alkalinity, Total as CaCO3	320	mg/L	125	08/04/23 12:01	
EPA 410.4	Chemical Oxygen Demand	188	mg/L	52.6	08/04/23 07:52	
SM 5310C	Total Organic Carbon	73.2	mg/L	3.0	07/31/23 10:20	
40265783013	PZ-2301 DUP					
EPA 8015B Modified	Ethane	5.3J	ug/L	5.6	07/31/23 13:11	
EPA 8015B Modified	Ethene	4.4J	ug/L	5.0	07/31/23 13:11	
EPA 8015B Modified	Methane	427	ug/L	14.0	07/31/23 16:10	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783013	PZ-2301 DUP					
EPA 6020B	Iron	0.12J	mg/L	0.25	07/29/23 09:21	
EPA 6020B	Manganese	0.0016J	mg/L	0.0040	07/29/23 09:21	
EPA 6020B	Barium, Dissolved	0.022	mg/L	0.0023	07/29/23 13:40	
EPA 6020B	Nickel, Dissolved	0.00091J	mg/L	0.0010	07/29/23 13:40	
EPA 300.0	Chloride	23.7	mg/L	20.0	08/02/23 18:31	
EPA 300.0	Sulfate	44.8	mg/L	20.0	08/02/23 18:31	
EPA 310.2	Alkalinity, Total as CaCO ₃	90.3	mg/L	50.0	08/04/23 12:02	
SM 5310C	Total Organic Carbon	1.7	mg/L	0.50	07/31/23 10:37	
40265783014	MW-2104					
EPA 8260	cis-1,2-Dichloroethene	2.5	ug/L	1.0	07/28/23 12:37	
EPA 8260	Vinyl chloride	3.0	ug/L	1.0	07/28/23 12:37	
40265783015	MW-2303					
EPA 8015B Modified	Ethane	19.4	ug/L	5.6	07/31/23 13:18	
EPA 8015B Modified	Ethene	304	ug/L	5.0	07/31/23 13:18	
EPA 8015B Modified	Methane	2150	ug/L	56.0	07/31/23 16:17	
EPA 6020B	Iron	10.9	mg/L	0.25	07/29/23 09:27	
EPA 6020B	Manganese	0.33	mg/L	0.0040	07/29/23 09:27	
EPA 6020B	Barium, Dissolved	0.29	mg/L	0.0023	07/29/23 13:45	
EPA 6020B	Iron, Dissolved	10.9	mg/L	0.25	07/29/23 13:45	
EPA 6020B	Manganese, Dissolved	0.34	mg/L	0.0040	07/29/23 13:45	D9
EPA 6020B	Nickel, Dissolved	0.00031J	mg/L	0.0010	07/29/23 13:45	
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	07/28/23 16:45	
EPA 8260	Vinyl chloride	268	ug/L	1.0	07/28/23 16:45	
EPA 300.0	Chloride	201	mg/L	20.0	07/28/23 16:22	
EPA 300.0	Sulfate	270	mg/L	20.0	07/28/23 16:22	
EPA 310.2	Alkalinity, Total as CaCO ₃	507	mg/L	50.0	08/04/23 12:03	
EPA 410.4	Chemical Oxygen Demand	15.7J	mg/L	50.0	08/04/23 07:52	
SM 5310C	Total Organic Carbon	2.6	mg/L	0.50	07/31/23 10:53	
40265783016	PZ-2303					
EPA 8015B Modified	Ethane	5.7	ug/L	5.6	07/31/23 13:25	
EPA 8015B Modified	Methane	3700	ug/L	112	07/31/23 16:24	
EPA 6020B	Iron	4.5	mg/L	0.25	07/29/23 09:32	
EPA 6020B	Manganese	0.27	mg/L	0.0040	07/29/23 09:32	
EPA 6020B	Barium, Dissolved	0.31	mg/L	0.0023	07/29/23 13:50	
EPA 6020B	Iron, Dissolved	4.2	mg/L	0.25	07/29/23 13:50	
EPA 6020B	Manganese, Dissolved	0.26	mg/L	0.0040	07/29/23 13:50	
EPA 6020B	Nickel, Dissolved	0.00041J	mg/L	0.0010	07/29/23 13:50	
EPA 8260	Vinyl chloride	0.57J	ug/L	1.0	07/28/23 12:57	
EPA 300.0	Chloride	151	mg/L	20.0	08/02/23 19:15	
EPA 300.0	Sulfate	298	mg/L	20.0	08/02/23 19:15	
EPA 310.2	Alkalinity, Total as CaCO ₃	620	mg/L	125	08/04/23 12:04	
SM 5310C	Total Organic Carbon	1.7	mg/L	0.50	07/31/23 11:10	
40265783017	MW-2109					
EPA 8260	cis-1,2-Dichloroethene	43.7	ug/L	1.0	07/28/23 17:05	
EPA 8260	Vinyl chloride	94.9	ug/L	1.0	07/28/23 17:05	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783018	PZ-2109					
EPA 8260	cis-1,2-Dichloroethene	3.0	ug/L	1.0	07/28/23 15:22	
EPA 8260	Vinyl chloride	20.7	ug/L	1.0	07/28/23 15:22	
40265783022	MW-82					
EPA 8015B Modified	Ethane	6.4	ug/L	5.6	07/31/23 13:32	
EPA 8015B Modified	Ethene	1.8J	ug/L	5.0	07/31/23 13:32	
EPA 8015B Modified	Methane	2280	ug/L	70.0	07/31/23 16:31	
EPA 6020B	Iron	21.3	mg/L	1.2	07/29/23 09:37	
EPA 6020B	Manganese	0.20	mg/L	0.020	07/29/23 09:37	
EPA 6020B	Barium, Dissolved	0.023	mg/L	0.0023	07/29/23 13:55	
EPA 6020B	Iron, Dissolved	1.3	mg/L	0.25	07/29/23 13:55	
EPA 6020B	Lead, Dissolved	0.00044J	mg/L	0.0010	07/29/23 13:55	
EPA 6020B	Manganese, Dissolved	0.024	mg/L	0.0040	07/29/23 13:55	
EPA 6020B	Nickel, Dissolved	0.00069J	mg/L	0.0010	07/29/23 13:55	
EPA 8260	cis-1,2-Dichloroethene	0.48J	ug/L	1.0	07/31/23 11:25	
EPA 300.0	Chloride	256	mg/L	20.0	08/02/23 19:29	
EPA 300.0	Sulfate	11.9J	mg/L	20.0	08/02/23 19:29	D3
EPA 310.2	Alkalinity, Total as CaCO3	365	mg/L	125	08/04/23 12:05	
EPA 410.4	Chemical Oxygen Demand	62.3	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	3.5	mg/L	0.50	07/31/23 11:26	
40265783023	MW-82 DUP					
EPA 8015B Modified	Ethane	15.9	ug/L	5.6	07/31/23 13:39	
EPA 8015B Modified	Ethene	3.4J	ug/L	5.0	07/31/23 13:39	
EPA 8015B Modified	Methane	5400	ug/L	280	07/31/23 16:38	
EPA 6020B	Iron	2.9	mg/L	1.2	07/29/23 09:42	
EPA 6020B	Manganese	0.055	mg/L	0.020	07/29/23 09:42	
EPA 6020B	Barium, Dissolved	0.024	mg/L	0.0023	07/29/23 14:00	
EPA 6020B	Iron, Dissolved	0.42	mg/L	0.25	07/29/23 14:00	
EPA 6020B	Manganese, Dissolved	0.046	mg/L	0.0040	07/29/23 14:00	
EPA 6020B	Nickel, Dissolved	0.00049J	mg/L	0.0010	07/29/23 14:00	
EPA 300.0	Chloride	199	mg/L	20.0	08/02/23 20:01	
EPA 300.0	Sulfate	10.4J	mg/L	20.0	08/02/23 20:01	D3
EPA 310.2	Alkalinity, Total as CaCO3	323	mg/L	125	08/04/23 12:09	
EPA 410.4	Chemical Oxygen Demand	43.2J	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	3.6	mg/L	0.50	07/31/23 11:44	
40265783029	MW-2105					
EPA 8260	cis-1,2-Dichloroethene	13.8	ug/L	1.0	08/03/23 17:52	
EPA 8260	Trichloroethene	3.7	ug/L	1.0	08/03/23 17:52	
EPA 8260	Vinyl chloride	2.0	ug/L	1.0	08/03/23 17:52	
40265783031	MW-31					
EPA 8015B Modified	Ethane	21.4	ug/L	5.6	07/31/23 13:46	
EPA 8015B Modified	Ethene	39.6	ug/L	5.0	07/31/23 13:46	
EPA 8015B Modified	Methane	9310	ug/L	350	07/31/23 16:44	
EPA 6020B	Iron	8.9	mg/L	0.25	07/29/23 09:47	
EPA 6020B	Manganese	0.093	mg/L	0.0040	07/29/23 09:47	
EPA 6020B	Barium, Dissolved	0.39	mg/L	0.0023	07/29/23 14:16	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783031	MW-31					
EPA 6020B	Iron, Dissolved	8.5	mg/L	0.25	07/29/23 14:16	
EPA 6020B	Manganese, Dissolved	0.12	mg/L	0.0040	07/29/23 14:16	CR
EPA 8260	Vinyl chloride	2.3	ug/L	1.0	08/03/23 15:28	
EPA 300.0	Chloride	99.2	mg/L	20.0	08/02/23 20:58	
EPA 300.0	Sulfate	10.0	mg/L	2.0	08/03/23 07:03	
EPA 310.2	Alkalinity, Total as CaCO3	716	mg/L	125	08/04/23 12:10	
EPA 410.4	Chemical Oxygen Demand	19.9J	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	2.4	mg/L	0.50	07/31/23 12:01	
40265783032	MW-2106					
EPA 8015B Modified	Ethane	8.6	ug/L	5.6	07/31/23 13:53	
EPA 8015B Modified	Ethene	331	ug/L	5.0	07/31/23 13:53	
EPA 8015B Modified	Methane	2710	ug/L	70.0	07/31/23 16:51	
EPA 6020B	Iron	1.6	mg/L	0.25	07/29/23 10:03	
EPA 6020B	Manganese	0.20	mg/L	0.0040	07/29/23 10:03	
EPA 6020B	Barium, Dissolved	0.18	mg/L	0.0023	07/29/23 14:21	
EPA 6020B	Iron, Dissolved	1.4	mg/L	0.25	07/29/23 14:21	
EPA 6020B	Manganese, Dissolved	0.20	mg/L	0.0040	07/29/23 14:21	
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	07/29/23 14:21	
EPA 8260	cis-1,2-Dichloroethene	6.6J	ug/L	10.0	08/04/23 15:16	
EPA 8260	Vinyl chloride	811	ug/L	10.0	08/04/23 15:16	
EPA 300.0	Chloride	55.5	mg/L	20.0	08/02/23 21:12	
EPA 300.0	Sulfate	265	mg/L	20.0	08/02/23 21:12	
EPA 310.2	Alkalinity, Total as CaCO3	547	mg/L	125	08/04/23 12:11	
EPA 410.4	Chemical Oxygen Demand	117	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	30.9	mg/L	15.0	07/31/23 12:36	B
40265783033	MW-2202					
EPA 8260	cis-1,2-Dichloroethene	0.51J	ug/L	1.0	08/03/23 15:48	
EPA 8260	Trichloroethene	0.38J	ug/L	1.0	08/03/23 15:48	
40265783034	MW-2107					
EPA 8015B Modified	Ethane	16.6	ug/L	5.6	08/02/23 12:20	
EPA 8015B Modified	Methane	4980	ug/L	140	08/02/23 15:15	
EPA 6020B	Iron	33.5	mg/L	0.25	07/29/23 10:08	
EPA 6020B	Manganese	0.088	mg/L	0.0040	07/29/23 10:08	
EPA 6020B	Barium, Dissolved	0.016	mg/L	0.0023	07/29/23 14:26	
EPA 6020B	Iron, Dissolved	35.8	mg/L	0.25	07/29/23 14:26	D9
EPA 6020B	Manganese, Dissolved	0.065	mg/L	0.0040	07/29/23 14:26	
EPA 6020B	Nickel, Dissolved	0.0011	mg/L	0.0010	07/29/23 14:26	
EPA 8260	Benzene	1.4	ug/L	1.0	08/03/23 16:09	
EPA 8260	Chloroethane	8.6	ug/L	5.0	08/03/23 16:09	
EPA 8260	1,1-Dichloroethane	0.42J	ug/L	1.0	08/03/23 16:09	
EPA 300.0	Chloride	40.8	mg/L	20.0	08/02/23 21:27	
EPA 310.2	Alkalinity, Total as CaCO3	693	mg/L	125	08/04/23 12:12	
EPA 410.4	Chemical Oxygen Demand	134	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	25.8	mg/L	7.5	07/31/23 12:50	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783036	PZ-2107					
EPA 8015B Modified	Ethane	1.1J	ug/L	5.6	08/02/23 12:27	
EPA 8015B Modified	Ethene	7.0	ug/L	5.0	08/02/23 12:27	
EPA 8015B Modified	Methane	47.4	ug/L	2.8	08/02/23 12:27	M1
EPA 6020B	Iron	0.55	mg/L	0.25	08/01/23 14:31	
EPA 6020B	Manganese	0.31	mg/L	0.0040	08/01/23 14:31	
EPA 6020B	Barium, Dissolved	0.051	mg/L	0.0023	07/29/23 14:31	
EPA 6020B	Iron, Dissolved	0.42	mg/L	0.25	07/29/23 14:31	
EPA 6020B	Manganese, Dissolved	0.32	mg/L	0.0040	07/29/23 14:31	D9
EPA 6020B	Nickel, Dissolved	0.0051	mg/L	0.0010	07/29/23 14:31	
EPA 8260	cis-1,2-Dichloroethene	515	ug/L	10.0	08/03/23 18:54	
EPA 8260	Vinyl chloride	220	ug/L	10.0	08/03/23 18:54	
EPA 300.0	Chloride	417	mg/L	20.0	08/02/23 21:41	
EPA 300.0	Sulfate	235	mg/L	20.0	08/02/23 21:41	
EPA 310.2	Alkalinity, Total as CaCO3	348	mg/L	50.0	08/04/23 12:17	
EPA 410.4	Chemical Oxygen Demand	32.6J	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	5.5	mg/L	1.5	07/31/23 13:05	
40265783037	MW-2201					
EPA 8015B Modified	Ethane	15.5	ug/L	5.6	08/02/23 12:34	
EPA 8015B Modified	Ethene	435	ug/L	5.0	08/02/23 12:34	
EPA 8015B Modified	Methane	3120	ug/L	70.0	08/02/23 15:22	
EPA 6020B	Iron	12.7	mg/L	0.25	07/29/23 10:18	
EPA 6020B	Manganese	0.064	mg/L	0.0040	07/29/23 10:18	
EPA 6020B	Barium, Dissolved	0.075	mg/L	0.0023	07/29/23 14:37	
EPA 6020B	Iron, Dissolved	11.8	mg/L	0.25	07/29/23 14:37	
EPA 6020B	Manganese, Dissolved	0.063	mg/L	0.0040	07/29/23 14:37	
EPA 6020B	Nickel, Dissolved	0.00048J	mg/L	0.0010	07/29/23 14:37	
EPA 8260	1,1-Dichloroethane	1.2	ug/L	1.0	08/04/23 12:10	
EPA 8260	cis-1,2-Dichloroethene	127	ug/L	1.0	08/04/23 12:10	
EPA 8260	Vinyl chloride	199	ug/L	1.0	08/04/23 12:10	
EPA 300.0	Chloride	58.4	mg/L	20.0	08/02/23 21:55	
EPA 300.0	Sulfate	281	mg/L	20.0	08/02/23 21:55	
EPA 310.2	Alkalinity, Total as CaCO3	417	mg/L	50.0	08/04/23 12:23	
EPA 410.4	Chemical Oxygen Demand	26.3J	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	3.6	mg/L	0.50	07/31/23 13:21	
40265783038	MW-2201 DUP					
EPA 8015B Modified	Ethane	20.2	ug/L	5.6	08/02/23 12:41	
EPA 8015B Modified	Ethene	408	ug/L	200	08/02/23 15:29	
EPA 8015B Modified	Methane	3450	ug/L	112	08/02/23 15:29	
EPA 6020B	Iron	12.2	mg/L	0.25	07/29/23 10:23	
EPA 6020B	Manganese	0.067	mg/L	0.0040	07/29/23 10:23	
EPA 6020B	Barium, Dissolved	0.081	mg/L	0.0023	07/29/23 14:42	
EPA 6020B	Iron, Dissolved	11.6	mg/L	0.25	07/29/23 14:42	
EPA 6020B	Manganese, Dissolved	0.065	mg/L	0.0040	07/29/23 14:42	
EPA 6020B	Nickel, Dissolved	0.00046J	mg/L	0.0010	07/29/23 14:42	
EPA 8260	1,1-Dichloroethane	1.6	ug/L	1.0	08/03/23 18:13	
EPA 8260	cis-1,2-Dichloroethene	190	ug/L	1.0	08/03/23 18:13	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783038	MW-2201 DUP					
EPA 8260	Vinyl chloride	234	ug/L	1.0	08/03/23 18:13	
EPA 300.0	Chloride	58.7	mg/L	20.0	08/02/23 22:10	
EPA 300.0	Sulfate	254	mg/L	20.0	08/02/23 22:10	
EPA 310.2	Alkalinity, Total as CaCO3	448	mg/L	50.0	08/04/23 12:24	
EPA 410.4	Chemical Oxygen Demand	28.4J	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	4.6	mg/L	0.50	07/31/23 13:36	
40265783039	MW-61					
EPA 8015B Modified	Ethane	38.3	ug/L	5.6	08/02/23 12:48	
EPA 8015B Modified	Ethene	688	ug/L	100	08/02/23 15:36	
EPA 8015B Modified	Methane	1960	ug/L	56.0	08/02/23 15:36	
EPA 6020B	Iron	4.7	mg/L	0.25	07/29/23 10:29	
EPA 6020B	Manganese	0.19	mg/L	0.0040	07/29/23 10:29	
EPA 6020B	Barium, Dissolved	0.091	mg/L	0.0023	07/29/23 14:47	
EPA 6020B	Iron, Dissolved	3.3	mg/L	0.25	07/29/23 14:47	
EPA 6020B	Manganese, Dissolved	0.17	mg/L	0.0040	07/29/23 14:47	
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	07/29/23 14:47	
EPA 8260	cis-1,2-Dichloroethene	1210	ug/L	10.0	08/03/23 19:15	
EPA 8260	trans-1,2-Dichloroethene	8.4J	ug/L	10.0	08/03/23 19:15	
EPA 8260	Trichloroethene	12.6	ug/L	10.0	08/03/23 19:15	
EPA 8260	Vinyl chloride	1560	ug/L	10.0	08/03/23 19:15	
EPA 300.0	Chloride	170	mg/L	20.0	08/02/23 22:24	
EPA 300.0	Sulfate	417	mg/L	20.0	08/02/23 22:24	
EPA 310.2	Alkalinity, Total as CaCO3	282	mg/L	50.0	08/04/23 12:25	
EPA 410.4	Chemical Oxygen Demand	58.1	mg/L	50.0	08/04/23 07:53	
SM 5310C	Total Organic Carbon	11.5	mg/L	3.0	07/31/23 13:51	
40265783040	PZ-61					
EPA 8015B Modified	Ethane	12.7	ug/L	5.6	08/02/23 12:55	
EPA 8015B Modified	Methane	7320	ug/L	140	08/02/23 15:42	
EPA 6020B	Iron	62.2	mg/L	2.5	08/02/23 14:19	
EPA 6020B	Manganese	0.25	mg/L	0.0040	08/01/23 20:46	
EPA 6020B	Barium, Dissolved	0.25	mg/L	0.023	08/02/23 14:48	
EPA 6020B	Iron, Dissolved	51.4	mg/L	0.25	08/01/23 19:10	
EPA 6020B	Manganese, Dissolved	0.20	mg/L	0.0040	08/01/23 19:10	
EPA 6020B	Nickel, Dissolved	0.0075	mg/L	0.0010	08/01/23 19:10	
EPA 8260	cis-1,2-Dichloroethene	0.93J	ug/L	1.0	08/03/23 16:50	
EPA 8260	Toluene	1.3	ug/L	1.0	08/03/23 16:50	
EPA 300.0	Chloride	533	mg/L	20.0	08/02/23 22:38	
EPA 310.2	Alkalinity, Total as CaCO3	724	mg/L	125	08/04/23 12:26	
EPA 410.4	Chemical Oxygen Demand	120	mg/L	50.0	08/04/23 07:54	
SM 5310C	Total Organic Carbon	22.3	mg/L	5.0	07/31/23 14:36	
40265783041	MW-2112					
EPA 8015B Modified	Ethane	1.4J	ug/L	5.6	08/02/23 13:01	
EPA 8015B Modified	Ethene	40.6	ug/L	5.0	08/02/23 13:01	
EPA 8015B Modified	Methane	945	ug/L	28.0	08/02/23 15:49	
EPA 6020B	Iron	2.9	mg/L	0.25	08/01/23 21:30	
EPA 6020B	Manganese	0.33	mg/L	0.0040	08/01/23 21:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265783041	MW-2112					
EPA 6020B	Barium, Dissolved	0.082	mg/L	0.0023	08/01/23 20:09	
EPA 6020B	Iron, Dissolved	1.7	mg/L	0.25	08/01/23 20:09	
EPA 6020B	Manganese, Dissolved	0.33	mg/L	0.0040	08/01/23 20:09	
EPA 6020B	Nickel, Dissolved	0.0016	mg/L	0.0010	08/01/23 20:09	
EPA 8260	cis-1,2-Dichloroethene	595	ug/L	2.0	08/04/23 12:31	
EPA 8260	trans-1,2-Dichloroethene	2.0J	ug/L	2.0	08/04/23 12:31	
EPA 8260	Vinyl chloride	418	ug/L	2.0	08/04/23 12:31	
EPA 300.0	Chloride	82.1	mg/L	20.0	08/02/23 22:53	
EPA 300.0	Sulfate	352	mg/L	20.0	08/02/23 22:53	
EPA 310.2	Alkalinity, Total as CaCO3	413	mg/L	50.0	08/04/23 12:27	
EPA 410.4	Chemical Oxygen Demand	62.3	mg/L	50.0	08/04/23 07:54	
SM 5310C	Total Organic Carbon	15.0	mg/L	5.0	07/31/23 14:50	B
40265783042	PZ-2112					
EPA 8015B Modified	Methane	4320	ug/L	112	08/02/23 15:56	
EPA 6020B	Iron	4.8	mg/L	0.25	08/01/23 21:45	
EPA 6020B	Manganese	0.045	mg/L	0.0040	08/01/23 21:45	
EPA 6020B	Barium, Dissolved	0.22	mg/L	0.0023	08/01/23 20:24	
EPA 6020B	Iron, Dissolved	2.0	mg/L	0.25	08/01/23 20:24	
EPA 6020B	Manganese, Dissolved	0.044	mg/L	0.0040	08/01/23 20:24	
EPA 6020B	Nickel, Dissolved	0.00034J	mg/L	0.0010	08/01/23 20:24	
EPA 300.0	Chloride	196	mg/L	20.0	08/02/23 23:07	
EPA 300.0	Sulfate	58.8	mg/L	20.0	08/02/23 23:07	
EPA 310.2	Alkalinity, Total as CaCO3	543	mg/L	50.0	08/04/23 12:28	
EPA 410.4	Chemical Oxygen Demand	32.6J	mg/L	50.0	08/04/23 07:54	
SM 5310C	Total Organic Carbon	3.1	mg/L	0.50	07/31/23 15:26	
40265783043	MW-2113					
EPA 8015B Modified	Ethane	3.8J	ug/L	5.6	08/02/23 13:15	
EPA 8015B Modified	Ethene	87.8	ug/L	5.0	08/02/23 13:15	
EPA 8015B Modified	Methane	2220	ug/L	70.0	08/02/23 16:03	
EPA 6020B	Iron	6.2	mg/L	0.25	08/01/23 21:52	
EPA 6020B	Manganese	0.13	mg/L	0.0040	08/01/23 21:52	
EPA 6020B	Barium, Dissolved	0.19	mg/L	0.0023	08/01/23 20:31	
EPA 6020B	Chromium, Dissolved	0.0016J	mg/L	0.0034	08/01/23 20:31	
EPA 6020B	Iron, Dissolved	6.8	mg/L	0.25	08/01/23 20:31	D9
EPA 6020B	Lead, Dissolved	0.0023	mg/L	0.0010	08/01/23 20:31	
EPA 6020B	Manganese, Dissolved	0.16	mg/L	0.0040	08/01/23 20:31	D9
EPA 6020B	Nickel, Dissolved	0.0060	mg/L	0.0010	08/01/23 20:31	
EPA 8260	cis-1,2-Dichloroethene	2270	ug/L	25.0	08/03/23 18:33	
EPA 8260	trans-1,2-Dichloroethene	53.0	ug/L	25.0	08/03/23 18:33	
EPA 8260	Vinyl chloride	1950	ug/L	25.0	08/03/23 18:33	
EPA 300.0	Chloride	44.9	mg/L	20.0	08/03/23 00:05	
EPA 300.0	Sulfate	322	mg/L	20.0	08/03/23 00:05	
EPA 310.2	Alkalinity, Total as CaCO3	527	mg/L	125	08/04/23 12:29	
EPA 410.4	Chemical Oxygen Demand	72.9	mg/L	50.0	08/04/23 07:54	
SM 5310C	Total Organic Carbon	18.3	mg/L	7.5	07/31/23 15:41	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265783

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40265783044	PZ-118					
EPA 8260	cis-1,2-Dichloroethene	1.9	ug/L	1.0	08/03/23 14:25	
EPA 8260	Vinyl chloride	0.83J	ug/L	1.0	08/03/23 14:25	
40265783045	MW-2101					
EPA 8015B Modified	Ethane	124	ug/L	5.6	08/02/23 13:22	
EPA 8015B Modified	Ethene	195	ug/L	5.0	08/02/23 13:22	
EPA 8015B Modified	Methane	7710	ug/L	280	08/02/23 16:10	
EPA 6020B	Iron	85.8	mg/L	0.25	08/01/23 21:59	
EPA 6020B	Manganese	0.071	mg/L	0.0040	08/01/23 21:59	
EPA 6020B	Barium, Dissolved	0.17	mg/L	0.0023	08/01/23 20:39	
EPA 6020B	Iron, Dissolved	82.9	mg/L	0.25	08/01/23 20:39	
EPA 6020B	Manganese, Dissolved	0.070	mg/L	0.0040	08/01/23 20:39	
EPA 8260	Benzene	1.1	ug/L	1.0	08/03/23 14:05	
EPA 8260	Toluene	0.74J	ug/L	1.0	08/03/23 14:05	M1
EPA 300.0	Chloride	73.2	mg/L	20.0	08/03/23 00:19	
EPA 310.2	Alkalinity, Total as CaCO3	937	mg/L	125	08/04/23 12:30	
EPA 410.4	Chemical Oxygen Demand	1350	mg/L	200	08/04/23 07:54	
SM 5310C	Total Organic Carbon	541	mg/L	15.0	07/31/23 15:56	
40265783046	MW-114					
EPA 8260	Toluene	0.73J	ug/L	1.0	08/03/23 17:31	
EPA 8260	Vinyl chloride	1.6	ug/L	1.0	08/03/23 17:31	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: TB-01 Lab ID: 40265783001 Collected: 07/24/23 09:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 12:15	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:15	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:15	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:15	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 12:15	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 12:15	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:15	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 12:15	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 12:15	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 12:15	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:15	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 12:15	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 12:15	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 12:15	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:15	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:15	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 12:15	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 12:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 12:15	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 12:15	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:15	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:15	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 12:15	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 12:15	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:15	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 12:15	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 12:15	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 12:15	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 12:15	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 12:15	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:15	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:15	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:15	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 12:15	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 12:15	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:15	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:15	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 12:15	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 12:15	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:15	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 12:15	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:15	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 12:15	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:15	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:15	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: TB-01 Lab ID: 40265783001 Collected: 07/24/23 09:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:15	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 12:15	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:15	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 12:15	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:15	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 12:15	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:15	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 12:15	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 12:15	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:15	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 12:15	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 12:15	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:15	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 12:15	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 12:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/23 12:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/28/23 12:15	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		07/28/23 12:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2110 Lab ID: 40265783002 Collected: 07/24/23 09:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		07/31/23 14:34	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		07/31/23 14:34	74-85-1	
Methane	1.4J	ug/L	2.8	0.58	1		07/31/23 14:34	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 08:09	7439-89-6	
Manganese	0.34	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 08:09	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.045	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 12:22	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 12:22	7440-47-3	
Iron, Dissolved	0.34	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 12:22	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 12:22	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 12:22	7439-96-5	
Nickel, Dissolved	0.00069J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 12:22	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 12:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:34	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:34	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 12:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 12:34	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:34	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 12:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 12:34	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 12:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 12:34	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 12:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 12:34	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:34	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 12:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 12:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 12:34	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 12:34	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:34	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:34	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 12:34	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 12:34	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:34	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2110 Lab ID: 40265783002 Collected: 07/24/23 09:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 12:34	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 12:34	75-35-4	
cis-1,2-Dichloroethene	7.9	ug/L	1.0	0.47	1		07/28/23 12:34	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 12:34	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 12:34	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:34	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:34	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:34	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 12:34	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 12:34	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 12:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 12:34	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:34	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 12:34	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:34	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 12:34	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:34	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:34	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:34	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 12:34	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 12:34	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 12:34	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 12:34	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 12:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:34	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 12:34	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 12:34	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:34	108-67-8	
Vinyl chloride	7.4	ug/L	1.0	0.17	1		07/28/23 12:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 12:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		07/28/23 12:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/28/23 12:34	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/28/23 12:34	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:07		M0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2110 Lab ID: 40265783002 Collected: 07/24/23 09:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	133	mg/L	20.0	4.3	10		07/28/23 13:44	16887-00-6	
Sulfate	262	mg/L	20.0	4.4	10		07/28/23 13:44	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	333	mg/L	25.0	7.4	1		08/04/23 11:50		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	21.0J	mg/L	52.6	15.5	1	08/04/23 05:10	08/04/23 07:48		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.8	mg/L	1.0	0.28	2		07/31/23 06:50	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2110 Lab ID: 40265783003 Collected: 07/24/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		07/31/23 12:12	74-84-0	
Ethene	0.35J	ug/L	5.0	0.25	1		07/31/23 12:12	74-85-1	
Methane	1.4J	ug/L	2.8	0.58	1		07/31/23 12:12	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.78	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 08:30	7439-89-6	
Manganese	0.092	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 08:30	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.050	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 12:43	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 12:43	7440-47-3	
Iron, Dissolved	0.93	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 12:43	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 12:43	7439-92-1	
Manganese, Dissolved	0.11	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 12:43	7439-96-5	D9
Nickel, Dissolved	0.0013	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 12:43	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 17:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:26	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 17:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:26	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 17:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 17:26	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 17:26	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 17:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 17:26	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 17:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 17:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 17:26	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 17:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 17:26	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 17:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 17:26	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 17:26	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 17:26	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 17:26	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 17:26	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 17:26	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 17:26	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 17:26	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 17:26	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:26	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2110 Lab ID: 40265783003 Collected: 07/24/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 17:26	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 17:26	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 17:26	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 17:26	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 17:26	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:26	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:26	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 17:26	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 17:26	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 17:26	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 17:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 17:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 17:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 17:26	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 17:26	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 17:26	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 17:26	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 17:26	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 17:26	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:26	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 17:26	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 17:26	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 17:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 17:26	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 17:26	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 17:26	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:26	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 17:26	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 17:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:26	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 17:26	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 17:26	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:26	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 17:26	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 17:26	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/23 17:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/28/23 17:26	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/28/23 17:26	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:15		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2110 Lab ID: 40265783003 Collected: 07/24/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	614	mg/L	40.0	8.6	20		07/28/23 13:58	16887-00-6	
Sulfate	380	mg/L	40.0	8.9	20		07/28/23 13:58	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	300	mg/L	25.0	7.4	1		08/04/23 11:51		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	25.4J	mg/L	52.6	15.5	1	08/04/23 05:10	08/04/23 07:49		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.3	mg/L	0.50	0.14	1		07/31/23 07:39	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2302 Lab ID: 40265783004 Collected: 07/24/23 11:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.48J	ug/L	1.0	0.30	1		07/28/23 17:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:46	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 17:46	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:46	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 17:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 17:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 17:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 17:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 17:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 17:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 17:46	108-90-7	
Chloroethane	211	ug/L	5.0	1.4	1		07/28/23 17:46	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 17:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 17:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 17:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 17:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 17:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 17:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 17:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 17:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 17:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 17:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 17:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 17:46	75-71-8	
1,1-Dichloroethane	275	ug/L	1.0	0.30	1		07/28/23 17:46	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 17:46	107-06-2	
1,1-Dichloroethene	0.73J	ug/L	1.0	0.58	1		07/28/23 17:46	75-35-4	
cis-1,2-Dichloroethene	105	ug/L	1.0	0.47	1		07/28/23 17:46	156-59-2	
trans-1,2-Dichloroethene	1.7	ug/L	1.0	0.53	1		07/28/23 17:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 17:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:46	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 17:46	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 17:46	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 17:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 17:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 17:46	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 17:46	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 17:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 17:46	99-87-6	
Methylene Chloride	45.9	ug/L	5.0	0.32	1		07/28/23 17:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 17:46	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 17:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 17:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:46	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2302 Lab ID: 40265783004 Collected: 07/24/23 11:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 17:46	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 17:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 17:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 17:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 17:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 17:46	120-82-1	
1,1,1-Trichloroethane	0.65J	ug/L	1.0	0.30	1		07/28/23 17:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 17:46	79-00-5	
Trichloroethene	3.7	ug/L	1.0	0.32	1		07/28/23 17:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 17:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 17:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:46	108-67-8	
Vinyl chloride	21.4	ug/L	1.0	0.17	1		07/28/23 17:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 17:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/23 17:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/28/23 17:46	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/28/23 17:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2302 Lab ID: 40265783005 Collected: 07/24/23 11:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 12:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:54	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:54	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:54	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 12:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 12:54	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:54	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 12:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 12:54	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 12:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 12:54	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 12:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 12:54	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 12:54	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 12:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 12:54	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 12:54	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:54	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:54	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 12:54	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 12:54	75-71-8	
1,1-Dichloroethane	0.32J	ug/L	1.0	0.30	1		07/28/23 12:54	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 12:54	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 12:54	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 12:54	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 12:54	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 12:54	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:54	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:54	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:54	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 12:54	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 12:54	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 12:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 12:54	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:54	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 12:54	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:54	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 12:54	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:54	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:54	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2302 Lab ID: 40265783005 Collected: 07/24/23 11:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:54	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 12:54	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 12:54	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:54	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 12:54	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:54	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 12:54	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 12:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:54	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 12:54	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 12:54	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:54	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 12:54	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 12:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/23 12:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/28/23 12:54	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/28/23 12:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2108 Lab ID: 40265783006 Collected: 07/24/23 11:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 18:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:05	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 18:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:05	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 18:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 18:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 18:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 18:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 18:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 18:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 18:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 18:05	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 18:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 18:05	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 18:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 18:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 18:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 18:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 18:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 18:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 18:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 18:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 18:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 18:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 18:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 18:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 18:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 18:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 18:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:05	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 18:05	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 18:05	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 18:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 18:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 18:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 18:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 18:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 18:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 18:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 18:05	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 18:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 18:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:05	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2108 Lab ID: 40265783006 Collected: 07/24/23 11:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 18:05	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 18:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 18:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 18:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 18:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 18:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 18:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 18:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 18:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 18:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:05	108-67-8	
Vinyl chloride	2.9	ug/L	1.0	0.17	1		07/28/23 18:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 18:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		07/28/23 18:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/28/23 18:05	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		07/28/23 18:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-65 Lab ID: 40265783007 Collected: 07/24/23 12:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	4.4J	ug/L	5.6	0.39	1		07/31/23 12:18	74-84-0	
Ethene	467	ug/L	5.0	0.25	1		07/31/23 12:18	74-85-1	
Methane	2200	ug/L	56.0	11.5	20		07/31/23 15:22	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	8.7	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 08:40	7439-89-6	
Manganese	0.24	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 08:40	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.86	mg/L	0.023	0.0070	10	07/28/23 05:31	07/31/23 21:31	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 12:53	7440-47-3	
Iron, Dissolved	6.5	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 12:53	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 12:53	7439-92-1	
Manganese, Dissolved	0.21	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 12:53	7439-96-5	
Nickel, Dissolved	0.00043J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 12:53	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		07/31/23 11:01	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		07/31/23 11:01	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		07/31/23 11:01	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		07/31/23 11:01	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		07/31/23 11:01	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		07/31/23 11:01	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		07/31/23 11:01	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		07/31/23 11:01	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		07/31/23 11:01	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		07/31/23 11:01	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		07/31/23 11:01	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		07/31/23 11:01	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		07/31/23 11:01	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		07/31/23 11:01	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		07/31/23 11:01	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		07/31/23 11:01	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		07/31/23 11:01	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		07/31/23 11:01	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		07/31/23 11:01	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		07/31/23 11:01	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		07/31/23 11:01	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		07/31/23 11:01	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		07/31/23 11:01	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		07/31/23 11:01	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		07/31/23 11:01	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-65 Lab ID: 40265783007 Collected: 07/24/23 12:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		07/31/23 11:01	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		07/31/23 11:01	75-35-4	
cis-1,2-Dichloroethene	1180	ug/L	10.0	4.7	10		07/31/23 11:01	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		07/31/23 11:01	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		07/31/23 11:01	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		07/31/23 11:01	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		07/31/23 11:01	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		07/31/23 11:01	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		07/31/23 11:01	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		07/31/23 11:01	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		07/31/23 11:01	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		07/31/23 11:01	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		07/31/23 11:01	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		07/31/23 11:01	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		07/31/23 11:01	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		07/31/23 11:01	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		07/31/23 11:01	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		07/31/23 11:01	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		07/31/23 11:01	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		07/31/23 11:01	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		07/31/23 11:01	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		07/31/23 11:01	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		07/31/23 11:01	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		07/31/23 11:01	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		07/31/23 11:01	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		07/31/23 11:01	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		07/31/23 11:01	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		07/31/23 11:01	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		07/31/23 11:01	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		07/31/23 11:01	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		07/31/23 11:01	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		07/31/23 11:01	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		07/31/23 11:01	108-67-8	
Vinyl chloride	2440	ug/L	10.0	1.7	10		07/31/23 11:01	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		07/31/23 11:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		10		07/31/23 11:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		10		07/31/23 11:01	2199-69-1	
Toluene-d8 (S)	126	%	70-130		10		07/31/23 11:01	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		07/31/23 13:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-65 Lab ID: 40265783007 Collected: 07/24/23 12:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	1030	mg/L	40.0	8.6	20		07/28/23 14:13	16887-00-6	
Sulfate	88.0	mg/L	40.0	8.9	20		07/28/23 14:13	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	576	mg/L	50.0	14.9	2		08/04/23 11:56		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	34.8J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:49		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	4.2	mg/L	1.0	0.28	2		07/31/23 08:39	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2301 Lab ID: 40265783008 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	26.5	ug/L	5.6	0.39	1		07/31/23 12:25	74-84-0	
Ethene	85.5	ug/L	5.0	0.25	1		07/31/23 12:25	74-85-1	
Methane	3150	ug/L	140	28.8	50		07/31/23 15:29	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	6.2	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 08:45	7439-89-6	
Manganese	0.041	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 08:45	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.080	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:14	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:14	7440-47-3	
Iron, Dissolved	6.3	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:14	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:14	7439-92-1	
Manganese, Dissolved	0.039	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:14	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:14	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 18:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:25	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 18:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:25	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 18:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 18:25	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 18:25	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 18:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 18:25	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 18:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 18:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 18:25	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 18:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 18:25	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 18:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 18:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 18:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 18:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 18:25	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 18:25	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 18:25	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 18:25	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 18:25	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 18:25	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:25	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2301 Lab ID: 40265783008 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 18:25	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 18:25	75-35-4	
cis-1,2-Dichloroethene	1.6	ug/L	1.0	0.47	1		07/28/23 18:25	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 18:25	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 18:25	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:25	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:25	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 18:25	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 18:25	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 18:25	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 18:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 18:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 18:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 18:25	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 18:25	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 18:25	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 18:25	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 18:25	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 18:25	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 18:25	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 18:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 18:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 18:25	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 18:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 18:25	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 18:25	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 18:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:25	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 18:25	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 18:25	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:25	108-67-8	
Vinyl chloride	1.2	ug/L	1.0	0.17	1		07/28/23 18:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 18:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/28/23 18:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 18:25	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/28/23 18:25	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		07/31/23 13:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2301 Lab ID: 40265783008 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	47.9	mg/L	10.0	2.2	5		07/28/23 15:10	16887-00-6	
Sulfate	4.6J	mg/L	10.0	2.2	5		07/28/23 15:10	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	332	mg/L	125	37.2	5		08/04/23 11:57		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	183	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:50		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	70.0	mg/L	3.0	0.83	6		07/31/23 08:56	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2301 Lab ID: 40265783009 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	8.6	ug/L	5.6	0.39	1		07/31/23 12:32	74-84-0	
Ethene	7.1	ug/L	5.0	0.25	1		07/31/23 12:32	74-85-1	
Methane	648	ug/L	28.0	5.8	10		07/31/23 15:36	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.10J	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:01	7439-89-6	
Manganese	<0.0012	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:01	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.021	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:19	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:19	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:19	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:19	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:19	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:19	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 13:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:13	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:13	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 13:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 13:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 13:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 13:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 13:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 13:13	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 13:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 13:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 13:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 13:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 13:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 13:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 13:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 13:13	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:13	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2301 Lab ID: 40265783009 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 13:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 13:13	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 13:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 13:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 13:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:13	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:13	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 13:13	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 13:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:13	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 13:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 13:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 13:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:13	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 13:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:13	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 13:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 13:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 13:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 13:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 13:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 13:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 13:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 13:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 13:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/23 13:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/28/23 13:13	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		07/28/23 13:13	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:20		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2301 Lab ID: 40265783009 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	20.9	mg/L	10.0	2.2	5		07/28/23 15:25	16887-00-6	
Sulfate	43.5	mg/L	10.0	2.2	5		07/28/23 15:25	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	93.1	mg/L	50.0	14.9	2		08/04/23 11:58		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	17.8J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:50		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.7	mg/L	0.50	0.14	1		07/31/23 09:34	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2114 Lab ID: 40265783010 Collected: 07/24/23 14:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	11.3	ug/L	5.6	0.39	1		07/31/23 12:51	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		07/31/23 12:51	74-85-1	
Methane	6350	ug/L	140	28.8	50		07/31/23 15:56	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.95	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:06	7439-89-6	
Manganese	0.15	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:06	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.15	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:24	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:24	7440-47-3	
Iron, Dissolved	1.6	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:24	7439-89-6	CR
Lead, Dissolved	0.00067J	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:24	7439-92-1	
Manganese, Dissolved	0.18	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:24	7439-96-5	D9
Nickel, Dissolved	0.0073	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:24	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 18:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:44	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 18:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:44	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 18:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 18:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 18:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 18:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 18:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 18:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 18:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 18:44	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 18:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 18:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 18:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 18:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 18:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 18:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 18:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 18:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 18:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 18:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 18:44	75-71-8	
1,1-Dichloroethane	0.35J	ug/L	1.0	0.30	1		07/28/23 18:44	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2114 Lab ID: 40265783010 Collected: 07/24/23 14:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 18:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 18:44	75-35-4	
cis-1,2-Dichloroethene	6.0	ug/L	1.0	0.47	1		07/28/23 18:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 18:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 18:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:44	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 18:44	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 18:44	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 18:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 18:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 18:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 18:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 18:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 18:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 18:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 18:44	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 18:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 18:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 18:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 18:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 18:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 18:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 18:44	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 18:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 18:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 18:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 18:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 18:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 18:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 18:44	108-67-8	
Vinyl chloride	4.3	ug/L	1.0	0.17	1		07/28/23 18:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 18:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		07/28/23 18:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/28/23 18:44	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/28/23 18:44	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		07/31/23 13:22		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2114 **Lab ID: 40265783010** Collected: 07/24/23 14:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	105	mg/L	20.0	4.3	10		07/28/23 15:39	16887-00-6	
Sulfate	95.5	mg/L	20.0	4.4	10		07/28/23 15:39	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	577	mg/L	50.0	14.9	2		08/04/23 11:59		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	120	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:50		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	31.4	mg/L	15.0	4.2	30		07/31/23 09:49	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2114 Lab ID: 40265783011 Collected: 07/24/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		07/31/23 14:41	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		07/31/23 14:41	74-85-1	
Methane	2.8J	ug/L	2.8	0.58	1		07/31/23 14:41	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	<0.058	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:11	7439-89-6	
Manganese	0.018	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:11	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.17	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:29	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:29	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:29	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:29	7439-92-1	
Manganese, Dissolved	0.011	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:29	7439-96-5	
Nickel, Dissolved	0.0039	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:29	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 11:55	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 11:55	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 11:55	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 11:55	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 11:55	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 11:55	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 11:55	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 11:55	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 11:55	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 11:55	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 11:55	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 11:55	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 11:55	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 11:55	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 11:55	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 11:55	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 11:55	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 11:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 11:55	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 11:55	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 11:55	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 11:55	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 11:55	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 11:55	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 11:55	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2114 Lab ID: 40265783011 Collected: 07/24/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 11:55	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 11:55	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 11:55	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 11:55	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 11:55	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 11:55	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 11:55	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 11:55	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 11:55	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 11:55	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 11:55	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 11:55	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 11:55	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 11:55	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 11:55	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 11:55	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 11:55	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 11:55	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 11:55	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 11:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 11:55	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 11:55	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 11:55	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 11:55	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 11:55	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 11:55	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 11:55	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 11:55	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 11:55	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 11:55	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 11:55	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 11:55	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 11:55	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 11:55	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 11:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 11:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/28/23 11:55	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/28/23 11:55	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:24		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2114 **Lab ID: 40265783011** Collected: 07/24/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	126	mg/L	20.0	4.3	10		07/28/23 15:53	16887-00-6	
Sulfate	187	mg/L	20.0	4.4	10		07/28/23 15:53	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	234	mg/L	25.0	7.4	1		08/04/23 12:00		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	19.9J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:50		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.6	mg/L	0.50	0.14	1		07/31/23 10:04	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2301 DUP Lab ID: 40265783012 Collected: 07/24/23 12:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	16.0	ug/L	5.6	0.39	1		07/31/23 13:05	74-84-0	
Ethene	51.3	ug/L	5.0	0.25	1		07/31/23 13:05	74-85-1	
Methane	2260	ug/L	70.0	14.4	25		07/31/23 16:03	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	7.0	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:16	7439-89-6	
Manganese	0.039	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:16	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.080	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:35	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:35	7440-47-3	
Iron, Dissolved	5.9	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:35	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:35	7439-92-1	
Manganese, Dissolved	0.038	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:35	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:35	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 15:01	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 15:01	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 15:01	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 15:01	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 15:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 15:01	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 15:01	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 15:01	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 15:01	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 15:01	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 15:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 15:01	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 15:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 15:01	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 15:01	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 15:01	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 15:01	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 15:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 15:01	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 15:01	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 15:01	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 15:01	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 15:01	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 15:01	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 15:01	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2301 DUP Lab ID: 40265783012 Collected: 07/24/23 12:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 15:01	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 15:01	75-35-4	
cis-1,2-Dichloroethene	1.3	ug/L	1.0	0.47	1		07/28/23 15:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 15:01	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 15:01	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 15:01	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 15:01	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 15:01	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 15:01	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 15:01	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 15:01	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 15:01	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 15:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 15:01	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 15:01	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 15:01	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 15:01	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 15:01	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 15:01	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 15:01	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 15:01	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 15:01	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 15:01	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 15:01	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 15:01	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 15:01	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 15:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 15:01	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 15:01	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 15:01	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 15:01	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 15:01	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 15:01	108-67-8	
Vinyl chloride	1.6	ug/L	1.0	0.17	1		07/28/23 15:01	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 15:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 15:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 15:01	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/28/23 15:01	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		07/31/23 13:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2301 DUP **Lab ID: 40265783012** Collected: 07/24/23 12:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	53.8	mg/L	20.0	4.3	10		07/28/23 16:08	16887-00-6	
Sulfate	6.3J	mg/L	20.0	4.4	10		07/28/23 16:08	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	320	mg/L	125	37.2	5		08/04/23 12:01		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	188	mg/L	52.6	15.5	1	08/04/23 05:10	08/04/23 07:52		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	73.2	mg/L	3.0	0.83	6		07/31/23 10:20	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2301 DUP Lab ID: 40265783013 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	5.3J	ug/L	5.6	0.39	1		07/31/23 13:11	74-84-0	
Ethene	4.4J	ug/L	5.0	0.25	1		07/31/23 13:11	74-85-1	
Methane	427	ug/L	14.0	2.9	5		07/31/23 16:10	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.12J	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:21	7439-89-6	
Manganese	0.0016J	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:21	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.022	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:40	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:40	7440-47-3	
Iron, Dissolved	<0.058	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:40	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:40	7439-92-1	
Manganese, Dissolved	<0.0012	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:40	7439-96-5	
Nickel, Dissolved	0.00091J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:40	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 12:16	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:16	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:16	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:16	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 12:16	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 12:16	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:16	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 12:16	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 12:16	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 12:16	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:16	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 12:16	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 12:16	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 12:16	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:16	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 12:16	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 12:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 12:16	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 12:16	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:16	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:16	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 12:16	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 12:16	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:16	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2301 DUP Lab ID: 40265783013 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 12:16	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 12:16	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 12:16	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 12:16	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 12:16	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:16	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:16	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:16	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 12:16	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 12:16	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:16	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:16	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 12:16	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 12:16	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:16	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 12:16	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:16	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 12:16	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:16	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:16	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 12:16	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:16	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 12:16	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:16	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 12:16	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:16	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 12:16	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 12:16	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:16	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 12:16	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 12:16	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:16	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 12:16	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 12:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 12:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/28/23 12:16	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/28/23 12:16	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:29		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2301 DUP Lab ID: 40265783013 Collected: 07/24/23 13:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	23.7	mg/L	20.0	4.3	10		08/02/23 18:31	16887-00-6	
Sulfate	44.8	mg/L	20.0	4.4	10		08/02/23 18:31	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	90.3	mg/L	50.0	14.9	2		08/04/23 12:02		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<15.5	mg/L	52.6	15.5	1	08/04/23 05:10	08/04/23 07:52		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.7	mg/L	0.50	0.14	1		07/31/23 10:37	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2104 Lab ID: 40265783014 Collected: 07/24/23 15:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 12:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:37	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:37	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 12:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 12:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 12:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 12:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 12:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 12:37	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 12:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 12:37	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 12:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 12:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 12:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 12:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 12:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 12:37	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:37	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 12:37	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 12:37	75-35-4	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	0.47	1		07/28/23 12:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 12:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 12:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:37	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:37	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 12:37	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 12:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 12:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 12:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 12:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:37	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 12:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:37	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2104 Lab ID: 40265783014 Collected: 07/24/23 15:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:37	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 12:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 12:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 12:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 12:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 12:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 12:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 12:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:37	108-67-8	
Vinyl chloride	3.0	ug/L	1.0	0.17	1		07/28/23 12:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 12:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		07/28/23 12:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/28/23 12:37	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		07/28/23 12:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2303 **Lab ID: 40265783015** Collected: 07/24/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	19.4	ug/L	5.6	0.39	1		07/31/23 13:18	74-84-0	
Ethene	304	ug/L	5.0	0.25	1		07/31/23 13:18	74-85-1	
Methane	2150	ug/L	56.0	11.5	20		07/31/23 16:17	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	10.9	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:27	7439-89-6	
Manganese	0.33	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:27	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.29	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:45	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:45	7440-47-3	
Iron, Dissolved	10.9	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:45	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:45	7439-92-1	
Manganese, Dissolved	0.34	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:45	7439-96-5	D9
Nickel, Dissolved	0.00031J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:45	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 16:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:45	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 16:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:45	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 16:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 16:45	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 16:45	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 16:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 16:45	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 16:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 16:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 16:45	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 16:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 16:45	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 16:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 16:45	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 16:45	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 16:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 16:45	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 16:45	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 16:45	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 16:45	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 16:45	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 16:45	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:45	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2303 Lab ID: 40265783015 Collected: 07/24/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 16:45	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 16:45	75-35-4	
cis-1,2-Dichloroethene	3.0	ug/L	1.0	0.47	1		07/28/23 16:45	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 16:45	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 16:45	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:45	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:45	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 16:45	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 16:45	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 16:45	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 16:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 16:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 16:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 16:45	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 16:45	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 16:45	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 16:45	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 16:45	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 16:45	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 16:45	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 16:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 16:45	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 16:45	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 16:45	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:45	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 16:45	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 16:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:45	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 16:45	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 16:45	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:45	108-67-8	
Vinyl chloride	268	ug/L	1.0	0.17	1		07/28/23 16:45	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 16:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		07/28/23 16:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 16:45	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/28/23 16:45	2037-26-5	

4500S2F Sulfide, Iodometric

Analytical Method: SM 4500-S F (2000)

Pace Analytical Services - Green Bay

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2303 Lab ID: 40265783015 Collected: 07/24/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	201	mg/L	20.0	4.3	10		07/28/23 16:22	16887-00-6	
Sulfate	270	mg/L	20.0	4.4	10		07/28/23 16:22	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	507	mg/L	50.0	14.9	2		08/04/23 12:03		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	15.7J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:52		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.6	mg/L	0.50	0.14	1		07/31/23 10:53	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2303 Lab ID: 40265783016 Collected: 07/24/23 16:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	5.7	ug/L	5.6	0.39	1		07/31/23 13:25	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		07/31/23 13:25	74-85-1	
Methane	3700	ug/L	112	23.0	40		07/31/23 16:24	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	4.5	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:32	7439-89-6	
Manganese	0.27	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:32	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.31	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:50	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:50	7440-47-3	
Iron, Dissolved	4.2	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:50	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:50	7439-92-1	
Manganese, Dissolved	0.26	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:50	7439-96-5	
Nickel, Dissolved	0.00041J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:50	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 12:57	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:57	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:57	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:57	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 12:57	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 12:57	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:57	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 12:57	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 12:57	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 12:57	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 12:57	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 12:57	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 12:57	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 12:57	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:57	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 12:57	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 12:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 12:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 12:57	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 12:57	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:57	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:57	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 12:57	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 12:57	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:57	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2303 Lab ID: 40265783016 Collected: 07/24/23 16:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 12:57	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 12:57	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 12:57	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 12:57	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 12:57	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:57	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:57	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:57	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 12:57	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 12:57	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:57	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 12:57	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 12:57	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 12:57	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:57	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 12:57	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 12:57	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 12:57	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 12:57	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:57	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 12:57	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 12:57	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 12:57	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 12:57	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 12:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 12:57	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 12:57	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 12:57	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 12:57	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 12:57	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 12:57	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 12:57	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 12:57	108-67-8	
Vinyl chloride	0.57J	ug/L	1.0	0.17	1		07/28/23 12:57	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 12:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 12:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 12:57	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/28/23 12:57	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		07/31/23 13:32		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2303 Lab ID: 40265783016 Collected: 07/24/23 16:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	151	mg/L	20.0	4.3	10		08/02/23 19:15	16887-00-6	
Sulfate	298	mg/L	20.0	4.4	10		08/02/23 19:15	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	620	mg/L	125	37.2	5		08/04/23 12:04		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	<14.7	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:52		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	1.7	mg/L	0.50	0.14	1		07/31/23 11:10	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2109 Lab ID: 40265783017 Collected: 07/24/23 16:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 17:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:05	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 17:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:05	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 17:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 17:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 17:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 17:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 17:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 17:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 17:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 17:05	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 17:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 17:05	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 17:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 17:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 17:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 17:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 17:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 17:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 17:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 17:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 17:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 17:05	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:05	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 17:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 17:05	75-35-4	
cis-1,2-Dichloroethene	43.7	ug/L	1.0	0.47	1		07/28/23 17:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 17:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 17:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:05	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 17:05	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 17:05	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 17:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 17:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 17:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 17:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 17:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 17:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 17:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 17:05	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 17:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 17:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:05	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2109 Lab ID: 40265783017 Collected: 07/24/23 16:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 17:05	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 17:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 17:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 17:05	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 17:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 17:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 17:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 17:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 17:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 17:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 17:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 17:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 17:05	108-67-8	
Vinyl chloride	94.9	ug/L	1.0	0.17	1		07/28/23 17:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 17:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/28/23 17:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/28/23 17:05	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/28/23 17:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2109 Lab ID: 40265783018 Collected: 07/24/23 17:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 15:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 15:22	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 15:22	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 15:22	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 15:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 15:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 15:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 15:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 15:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 15:22	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 15:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 15:22	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 15:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 15:22	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 15:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 15:22	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 15:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 15:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 15:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 15:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 15:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 15:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 15:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 15:22	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 15:22	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 15:22	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 15:22	75-35-4	
cis-1,2-Dichloroethene	3.0	ug/L	1.0	0.47	1		07/28/23 15:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 15:22	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 15:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 15:22	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 15:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 15:22	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 15:22	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 15:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 15:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 15:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 15:22	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 15:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 15:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 15:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 15:22	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 15:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 15:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 15:22	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2109 Lab ID: 40265783018 Collected: 07/24/23 17:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 15:22	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 15:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 15:22	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 15:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 15:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 15:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 15:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 15:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 15:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 15:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 15:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 15:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 15:22	108-67-8	
Vinyl chloride	20.7	ug/L	1.0	0.17	1		07/28/23 15:22	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 15:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/28/23 15:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/28/23 15:22	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/28/23 15:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-79 Lab ID: 40265783019 Collected: 07/25/23 06:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 13:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 13:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 13:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 13:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 13:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 13:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 13:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 13:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 13:18	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 13:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 13:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 13:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 13:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 13:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 13:18	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 13:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 13:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 13:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 13:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 13:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 13:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 13:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 13:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 13:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 13:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:18	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 13:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:18	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-79 Lab ID: 40265783019 Collected: 07/25/23 06:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:18	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 13:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 13:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 13:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 13:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 13:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 13:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 13:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 13:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 13:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		07/28/23 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/28/23 13:18	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		07/28/23 13:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-80 Lab ID: 40265783020 Collected: 07/25/23 07:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 13:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:39	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:39	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 13:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 13:39	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:39	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 13:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 13:39	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 13:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 13:39	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 13:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 13:39	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 13:39	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 13:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 13:39	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 13:39	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:39	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:39	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 13:39	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 13:39	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:39	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 13:39	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 13:39	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 13:39	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 13:39	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 13:39	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:39	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:39	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:39	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 13:39	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 13:39	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 13:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 13:39	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:39	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 13:39	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:39	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 13:39	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:39	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:39	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-80 Lab ID: 40265783020 Collected: 07/25/23 07:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:39	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 13:39	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 13:39	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:39	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 13:39	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:39	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 13:39	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 13:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:39	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 13:39	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 13:39	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:39	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 13:39	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 13:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 13:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/28/23 13:39	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/28/23 13:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-81 Lab ID: 40265783021 Collected: 07/25/23 07:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 13:59	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:59	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:59	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:59	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 13:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 13:59	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:59	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 13:59	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 13:59	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 13:59	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 13:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 13:59	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 13:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 13:59	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:59	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 13:59	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 13:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 13:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 13:59	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 13:59	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:59	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:59	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 13:59	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 13:59	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:59	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 13:59	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 13:59	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 13:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 13:59	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 13:59	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:59	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:59	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:59	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 13:59	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 13:59	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:59	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 13:59	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 13:59	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 13:59	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:59	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 13:59	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 13:59	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 13:59	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 13:59	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:59	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-81 Lab ID: 40265783021 Collected: 07/25/23 07:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 13:59	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 13:59	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 13:59	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 13:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 13:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 13:59	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 13:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 13:59	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 13:59	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 13:59	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 13:59	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 13:59	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 13:59	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 13:59	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 13:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 13:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 13:59	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/28/23 13:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-82 Lab ID: 40265783022 Collected: 07/25/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	6.4	ug/L	5.6	0.39	1		07/31/23 13:32	74-84-0	
Ethene	1.8J	ug/L	5.0	0.25	1		07/31/23 13:32	74-85-1	
Methane	2280	ug/L	70.0	14.4	25		07/31/23 16:31	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	21.3	mg/L	1.2	0.29	5	07/28/23 05:28	07/29/23 09:37	7439-89-6	
Manganese	0.20	mg/L	0.020	0.0061	5	07/28/23 05:28	07/29/23 09:37	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.023	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 13:55	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 13:55	7440-47-3	
Iron, Dissolved	1.3	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 13:55	7439-89-6	
Lead, Dissolved	0.00044J	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 13:55	7439-92-1	
Manganese, Dissolved	0.024	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 13:55	7439-96-5	
Nickel, Dissolved	0.00069J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 13:55	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/31/23 11:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 11:25	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/31/23 11:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 11:25	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/31/23 11:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/31/23 11:25	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 11:25	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/31/23 11:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/31/23 11:25	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/31/23 11:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 11:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/31/23 11:25	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/31/23 11:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/31/23 11:25	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 11:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 11:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/31/23 11:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/31/23 11:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/31/23 11:25	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/31/23 11:25	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 11:25	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 11:25	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/31/23 11:25	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/31/23 11:25	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 11:25	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-82 Lab ID: 40265783022 Collected: 07/25/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/31/23 11:25	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		07/31/23 11:25	75-35-4	
cis-1,2-Dichloroethene	0.48J	ug/L	1.0	0.47	1		07/31/23 11:25	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/31/23 11:25	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/31/23 11:25	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/31/23 11:25	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/31/23 11:25	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/31/23 11:25	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/31/23 11:25	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/31/23 11:25	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 11:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 11:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/31/23 11:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/31/23 11:25	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/31/23 11:25	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/31/23 11:25	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 11:25	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/31/23 11:25	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 11:25	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/31/23 11:25	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/31/23 11:25	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/31/23 11:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/31/23 11:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/31/23 11:25	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/31/23 11:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/31/23 11:25	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 11:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/31/23 11:25	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/31/23 11:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 11:25	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/31/23 11:25	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/31/23 11:25	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 11:25	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/31/23 11:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/31/23 11:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		07/31/23 11:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/31/23 11:25	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/31/23 11:25	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:33		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-82 **Lab ID: 40265783022** Collected: 07/25/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	256	mg/L	20.0	4.3	10		08/02/23 19:29	16887-00-6	
Sulfate	11.9J	mg/L	20.0	4.4	10		08/02/23 19:29	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	365	mg/L	125	37.2	5		08/04/23 12:05		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	62.3	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.5	mg/L	0.50	0.14	1		07/31/23 11:26	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-82 DUP Lab ID: 40265783023 Collected: 07/25/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	15.9	ug/L	5.6	0.39	1		07/31/23 13:39	74-84-0	
Ethene	3.4J	ug/L	5.0	0.25	1		07/31/23 13:39	74-85-1	
Methane	5400	ug/L	280	57.6	100		07/31/23 16:38	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	2.9	mg/L	1.2	0.29	5	07/28/23 05:28	07/29/23 09:42	7439-89-6	
Manganese	0.055	mg/L	0.020	0.0061	5	07/28/23 05:28	07/29/23 09:42	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.024	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:00	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:00	7440-47-3	
Iron, Dissolved	0.42	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:00	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:00	7439-92-1	
Manganese, Dissolved	0.046	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:00	7439-96-5	
Nickel, Dissolved	0.00049J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:00	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 16:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:03	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 16:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:03	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 16:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 16:03	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 16:03	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 16:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 16:03	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 16:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 16:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 16:03	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 16:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 16:03	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 16:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 16:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 16:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 16:03	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 16:03	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 16:03	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 16:03	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 16:03	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 16:03	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:03	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-82 DUP Lab ID: 40265783023 Collected: 07/25/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 16:03	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 16:03	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 16:03	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 16:03	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 16:03	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:03	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:03	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 16:03	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 16:03	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 16:03	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 16:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 16:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 16:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 16:03	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 16:03	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 16:03	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 16:03	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 16:03	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 16:03	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 16:03	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 16:03	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 16:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 16:03	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 16:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 16:03	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:03	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 16:03	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 16:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:03	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 16:03	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 16:03	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:03	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 16:03	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 16:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		07/28/23 16:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 16:03	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/28/23 16:03	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		07/31/23 13:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-82 DUP Lab ID: 40265783023 Collected: 07/25/23 10:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	199	mg/L	20.0	4.3	10		08/02/23 20:01	16887-00-6	
Sulfate	10.4J	mg/L	20.0	4.4	10		08/02/23 20:01	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	323	mg/L	125	37.2	5		08/04/23 12:09		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	43.2J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3.6	mg/L	0.50	0.14	1		07/31/23 11:44	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-82 Lab ID: 40265783024 Collected: 07/25/23 09:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		07/31/23 11:46	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		07/31/23 11:46	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		07/31/23 11:46	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		07/31/23 11:46	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		07/31/23 11:46	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		07/31/23 11:46	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		07/31/23 11:46	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		07/31/23 11:46	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		07/31/23 11:46	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		07/31/23 11:46	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		07/31/23 11:46	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		07/31/23 11:46	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		07/31/23 11:46	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		07/31/23 11:46	74-87-3	L1
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		07/31/23 11:46	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		07/31/23 11:46	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		07/31/23 11:46	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		07/31/23 11:46	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		07/31/23 11:46	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		07/31/23 11:46	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		07/31/23 11:46	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		07/31/23 11:46	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		07/31/23 11:46	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		07/31/23 11:46	75-71-8	L1
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		07/31/23 11:46	75-34-3	
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		07/31/23 11:46	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		07/31/23 11:46	75-35-4	
cis-1,2-Dichloroethene	<4.7	ug/L	10.0	4.7	10		07/31/23 11:46	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		07/31/23 11:46	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		07/31/23 11:46	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		07/31/23 11:46	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		07/31/23 11:46	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		07/31/23 11:46	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		07/31/23 11:46	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		07/31/23 11:46	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		07/31/23 11:46	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		07/31/23 11:46	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		07/31/23 11:46	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		07/31/23 11:46	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		07/31/23 11:46	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		07/31/23 11:46	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		07/31/23 11:46	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		07/31/23 11:46	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		07/31/23 11:46	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		07/31/23 11:46	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-82 **Lab ID: 40265783024** Collected: 07/25/23 09:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		07/31/23 11:46	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		07/31/23 11:46	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		07/31/23 11:46	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		07/31/23 11:46	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		07/31/23 11:46	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		07/31/23 11:46	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		07/31/23 11:46	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		07/31/23 11:46	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		07/31/23 11:46	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		07/31/23 11:46	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		07/31/23 11:46	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		07/31/23 11:46	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		07/31/23 11:46	108-67-8	
Vinyl chloride	<1.7	ug/L	10.0	1.7	10		07/31/23 11:46	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		07/31/23 11:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	122	%	70-130		10		07/31/23 11:46	460-00-4	D3
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		10		07/31/23 11:46	2199-69-1	
Toluene-d8 (S)	103	%	70-130		10		07/31/23 11:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-108 Lab ID: 40265783025 Collected: 07/25/23 11:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 14:20	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 14:20	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 14:20	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 14:20	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 14:20	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 14:20	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 14:20	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 14:20	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 14:20	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 14:20	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 14:20	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 14:20	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 14:20	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 14:20	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 14:20	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 14:20	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 14:20	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 14:20	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 14:20	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 14:20	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 14:20	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 14:20	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 14:20	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 14:20	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 14:20	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 14:20	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 14:20	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 14:20	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 14:20	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 14:20	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 14:20	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 14:20	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 14:20	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 14:20	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 14:20	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 14:20	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 14:20	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 14:20	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 14:20	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 14:20	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 14:20	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 14:20	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 14:20	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 14:20	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-108 Lab ID: 40265783025 Collected: 07/25/23 11:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 14:20	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 14:20	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 14:20	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 14:20	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 14:20	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 14:20	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 14:20	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 14:20	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 14:20	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 14:20	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 14:20	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 14:20	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 14:20	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 14:20	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 14:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		07/28/23 14:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/28/23 14:20	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/28/23 14:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-44 Lab ID: 40265783026 Collected: 07/25/23 11:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 14:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 14:41	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 14:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 14:41	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 14:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 14:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 14:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 14:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 14:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 14:41	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 14:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 14:41	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 14:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 14:41	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 14:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 14:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 14:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 14:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 14:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 14:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 14:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 14:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 14:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 14:41	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 14:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 14:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 14:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 14:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 14:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 14:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 14:41	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 14:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 14:41	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 14:41	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 14:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 14:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 14:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 14:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 14:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 14:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 14:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 14:41	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 14:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 14:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 14:41	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-44 Lab ID: 40265783026 Collected: 07/25/23 11:30 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 14:41	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 14:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 14:41	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 14:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 14:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 14:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 14:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 14:41	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 14:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 14:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 14:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 14:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 14:41	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 14:41	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 14:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		07/28/23 14:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/28/23 14:41	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		07/28/23 14:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2203 Lab ID: 40265783027 Collected: 07/25/23 09:47 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/28/23 16:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:24	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/28/23 16:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:24	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/28/23 16:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/28/23 16:24	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 16:24	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/28/23 16:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/28/23 16:24	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/28/23 16:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/28/23 16:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/28/23 16:24	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/28/23 16:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/28/23 16:24	74-87-3	L1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 16:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/28/23 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/28/23 16:24	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/28/23 16:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/28/23 16:24	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/28/23 16:24	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 16:24	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 16:24	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/28/23 16:24	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/28/23 16:24	75-71-8	L1
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:24	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/28/23 16:24	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/28/23 16:24	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/28/23 16:24	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/28/23 16:24	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/28/23 16:24	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:24	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:24	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/28/23 16:24	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/28/23 16:24	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/28/23 16:24	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 16:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/28/23 16:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/28/23 16:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/28/23 16:24	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/28/23 16:24	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/28/23 16:24	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/28/23 16:24	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/28/23 16:24	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/28/23 16:24	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:24	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2203 Lab ID: 40265783027 Collected: 07/25/23 09:47 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/28/23 16:24	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/28/23 16:24	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/28/23 16:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/28/23 16:24	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/28/23 16:24	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/28/23 16:24	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/28/23 16:24	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/28/23 16:24	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/28/23 16:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/28/23 16:24	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/28/23 16:24	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/28/23 16:24	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/28/23 16:24	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/28/23 16:24	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/28/23 16:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		07/28/23 16:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/28/23 16:24	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		07/28/23 16:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2203 Lab ID: 40265783028 Collected: 07/25/23 10:25 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 14:46	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:46	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 14:46	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:46	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 14:46	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 14:46	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 14:46	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 14:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 14:46	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 14:46	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 14:46	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 14:46	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 14:46	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 14:46	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 14:46	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 14:46	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 14:46	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 14:46	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 14:46	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 14:46	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 14:46	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 14:46	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 14:46	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 14:46	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:46	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 14:46	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 14:46	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 14:46	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 14:46	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 14:46	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:46	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:46	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 14:46	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 14:46	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 14:46	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 14:46	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 14:46	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 14:46	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 14:46	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 14:46	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 14:46	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 14:46	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 14:46	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 14:46	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:46	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2203 Lab ID: 40265783028 Collected: 07/25/23 10:25 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 14:46	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 14:46	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 14:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 14:46	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 14:46	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 14:46	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:46	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 14:46	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 14:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:46	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 14:46	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 14:46	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:46	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 14:46	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 14:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		08/03/23 14:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		08/03/23 14:46	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		08/03/23 14:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2105 Lab ID: 40265783029 Collected: 07/25/23 11:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 17:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:52	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 17:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:52	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 17:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 17:52	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 17:52	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 17:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 17:52	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 17:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 17:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 17:52	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 17:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 17:52	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 17:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 17:52	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 17:52	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 17:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 17:52	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 17:52	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 17:52	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 17:52	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 17:52	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 17:52	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:52	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 17:52	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 17:52	75-35-4	
cis-1,2-Dichloroethene	13.8	ug/L	1.0	0.47	1		08/03/23 17:52	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 17:52	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 17:52	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:52	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:52	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 17:52	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 17:52	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 17:52	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 17:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 17:52	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 17:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 17:52	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 17:52	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 17:52	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 17:52	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 17:52	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 17:52	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:52	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2105 Lab ID: 40265783029 Collected: 07/25/23 11:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 17:52	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 17:52	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 17:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 17:52	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 17:52	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 17:52	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:52	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 17:52	79-00-5	
Trichloroethene	3.7	ug/L	1.0	0.32	1		08/03/23 17:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:52	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 17:52	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 17:52	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:52	108-67-8	
Vinyl chloride	2.0	ug/L	1.0	0.17	1		08/03/23 17:52	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 17:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		08/03/23 17:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/23 17:52	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		08/03/23 17:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2105 Lab ID: 40265783030 Collected: 07/25/23 12:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 15:07	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:07	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 15:07	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:07	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 15:07	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 15:07	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 15:07	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 15:07	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 15:07	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 15:07	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 15:07	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 15:07	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 15:07	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 15:07	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 15:07	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 15:07	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 15:07	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 15:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 15:07	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 15:07	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 15:07	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 15:07	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 15:07	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 15:07	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:07	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 15:07	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 15:07	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 15:07	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 15:07	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 15:07	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:07	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:07	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 15:07	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 15:07	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 15:07	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 15:07	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 15:07	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 15:07	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 15:07	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 15:07	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 15:07	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 15:07	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 15:07	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 15:07	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:07	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2105 Lab ID: 40265783030 Collected: 07/25/23 12:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 15:07	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 15:07	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 15:07	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 15:07	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 15:07	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 15:07	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:07	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 15:07	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 15:07	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:07	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 15:07	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 15:07	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:07	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 15:07	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 15:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		08/03/23 15:07	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 15:07	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		08/03/23 15:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-31 Lab ID: 40265783031 Collected: 07/25/23 11:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	21.4	ug/L	5.6	0.39	1		07/31/23 13:46	74-84-0	
Ethene	39.6	ug/L	5.0	0.25	1		07/31/23 13:46	74-85-1	
Methane	9310	ug/L	350	72.0	125		07/31/23 16:44	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	8.9	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 09:47	7439-89-6	
Manganese	0.093	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 09:47	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.39	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:16	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:16	7440-47-3	
Iron, Dissolved	8.5	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:16	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:16	7439-92-1	
Manganese, Dissolved	0.12	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:16	7439-96-5	CR
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:16	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 15:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:28	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 15:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:28	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 15:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 15:28	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 15:28	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 15:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 15:28	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 15:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 15:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 15:28	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 15:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 15:28	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 15:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 15:28	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 15:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 15:28	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 15:28	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 15:28	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 15:28	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 15:28	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 15:28	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:28	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-31 Lab ID: 40265783031 Collected: 07/25/23 11:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 15:28	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 15:28	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 15:28	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 15:28	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 15:28	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:28	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:28	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 15:28	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 15:28	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 15:28	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 15:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 15:28	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 15:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 15:28	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 15:28	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 15:28	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 15:28	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 15:28	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 15:28	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:28	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 15:28	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 15:28	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 15:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 15:28	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 15:28	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 15:28	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:28	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 15:28	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 15:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:28	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 15:28	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 15:28	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:28	108-67-8	
Vinyl chloride	2.3	ug/L	1.0	0.17	1		08/03/23 15:28	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 15:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		08/03/23 15:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 15:28	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		08/03/23 15:28	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-31 Lab ID: 40265783031 Collected: 07/25/23 11:20 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	99.2	mg/L	20.0	4.3	10		08/02/23 20:58	16887-00-6	
Sulfate	10.0	mg/L	2.0	0.44	1		08/03/23 07:03	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	716	mg/L	125	37.2	5		08/04/23 12:10		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	19.9J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2.4	mg/L	0.50	0.14	1		07/31/23 12:01	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2106 Lab ID: 40265783032 Collected: 07/25/23 13:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	8.6	ug/L	5.6	0.39	1		07/31/23 13:53	74-84-0	
Ethene	331	ug/L	5.0	0.25	1		07/31/23 13:53	74-85-1	
Methane	2710	ug/L	70.0	14.4	25		07/31/23 16:51	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	1.6	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 10:03	7439-89-6	
Manganese	0.20	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 10:03	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.18	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:21	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:21	7440-47-3	
Iron, Dissolved	1.4	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:21	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:21	7439-92-1	
Manganese, Dissolved	0.20	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:21	7439-96-5	
Nickel, Dissolved	0.0010	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:21	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		08/04/23 15:16	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		08/04/23 15:16	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		08/04/23 15:16	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		08/04/23 15:16	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		08/04/23 15:16	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		08/04/23 15:16	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		08/04/23 15:16	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		08/04/23 15:16	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		08/04/23 15:16	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		08/04/23 15:16	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		08/04/23 15:16	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		08/04/23 15:16	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		08/04/23 15:16	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		08/04/23 15:16	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/04/23 15:16	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/04/23 15:16	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		08/04/23 15:16	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		08/04/23 15:16	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		08/04/23 15:16	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		08/04/23 15:16	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		08/04/23 15:16	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		08/04/23 15:16	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		08/04/23 15:16	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		08/04/23 15:16	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		08/04/23 15:16	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2106 Lab ID: 40265783032 Collected: 07/25/23 13:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		08/04/23 15:16	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		08/04/23 15:16	75-35-4	
cis-1,2-Dichloroethene	6.6J	ug/L	10.0	4.7	10		08/04/23 15:16	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		08/04/23 15:16	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		08/04/23 15:16	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		08/04/23 15:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		08/04/23 15:16	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		08/04/23 15:16	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		08/04/23 15:16	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		08/04/23 15:16	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		08/04/23 15:16	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		08/04/23 15:16	100-41-4	L1
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		08/04/23 15:16	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		08/04/23 15:16	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		08/04/23 15:16	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		08/04/23 15:16	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		08/04/23 15:16	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		08/04/23 15:16	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		08/04/23 15:16	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		08/04/23 15:16	100-42-5	L1
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		08/04/23 15:16	630-20-6	
1,1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		08/04/23 15:16	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		08/04/23 15:16	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		08/04/23 15:16	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		08/04/23 15:16	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		08/04/23 15:16	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		08/04/23 15:16	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		08/04/23 15:16	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		08/04/23 15:16	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		08/04/23 15:16	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		08/04/23 15:16	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		08/04/23 15:16	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		08/04/23 15:16	108-67-8	
Vinyl chloride	811	ug/L	10.0	1.7	10		08/04/23 15:16	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		08/04/23 15:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		10		08/04/23 15:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		08/04/23 15:16	2199-69-1	
Toluene-d8 (S)	97	%	70-130		10		08/04/23 15:16	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2106 Lab ID: 40265783032 Collected: 07/25/23 13:15 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	55.5	mg/L	20.0	4.3	10		08/02/23 21:12	16887-00-6	
Sulfate	265	mg/L	20.0	4.4	10		08/02/23 21:12	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	547	mg/L	125	37.2	5		08/04/23 12:11		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	117	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	30.9	mg/L	15.0	4.2	30		07/31/23 12:36	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2202 Lab ID: 40265783033 Collected: 07/25/23 12:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 15:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:48	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 15:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:48	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 15:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 15:48	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 15:48	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 15:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 15:48	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 15:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 15:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 15:48	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 15:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 15:48	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 15:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 15:48	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 15:48	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 15:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 15:48	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 15:48	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 15:48	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 15:48	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 15:48	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 15:48	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:48	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 15:48	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 15:48	75-35-4	
cis-1,2-Dichloroethene	0.51J	ug/L	1.0	0.47	1		08/03/23 15:48	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 15:48	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 15:48	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:48	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:48	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 15:48	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 15:48	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 15:48	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 15:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 15:48	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 15:48	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 15:48	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 15:48	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 15:48	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 15:48	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 15:48	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 15:48	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:48	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2202 Lab ID: 40265783033 Collected: 07/25/23 12:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 15:48	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 15:48	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 15:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 15:48	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 15:48	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 15:48	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 15:48	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 15:48	79-00-5	
Trichloroethene	0.38J	ug/L	1.0	0.32	1		08/03/23 15:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 15:48	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 15:48	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 15:48	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 15:48	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 15:48	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 15:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		08/03/23 15:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 15:48	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		08/03/23 15:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2107 Lab ID: 40265783034 Collected: 07/25/23 14:10 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	16.6	ug/L	5.6	0.39	1		08/02/23 12:20	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		08/02/23 12:20	74-85-1	
Methane	4980	ug/L	140	28.8	50		08/02/23 15:15	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	33.5	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 10:08	7439-89-6	
Manganese	0.088	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 10:08	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.016	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:26	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:26	7440-47-3	
Iron, Dissolved	35.8	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:26	7439-89-6	D9
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:26	7439-92-1	
Manganese, Dissolved	0.065	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:26	7439-96-5	
Nickel, Dissolved	0.0011	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:26	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.4	ug/L	1.0	0.30	1		08/03/23 16:09	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:09	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 16:09	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:09	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 16:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 16:09	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 16:09	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 16:09	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 16:09	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 16:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 16:09	108-90-7	
Chloroethane	8.6	ug/L	5.0	1.4	1		08/03/23 16:09	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 16:09	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 16:09	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 16:09	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 16:09	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 16:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 16:09	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 16:09	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 16:09	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 16:09	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 16:09	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 16:09	75-71-8	
1,1-Dichloroethane	0.42J	ug/L	1.0	0.30	1		08/03/23 16:09	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2107 Lab ID: 40265783034 Collected: 07/25/23 14:10 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 16:09	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 16:09	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 16:09	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 16:09	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 16:09	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:09	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:09	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 16:09	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 16:09	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 16:09	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 16:09	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 16:09	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 16:09	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 16:09	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 16:09	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 16:09	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 16:09	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 16:09	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 16:09	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:09	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 16:09	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 16:09	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 16:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 16:09	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 16:09	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 16:09	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:09	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 16:09	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 16:09	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:09	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 16:09	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 16:09	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:09	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 16:09	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 16:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		08/03/23 16:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 16:09	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		08/03/23 16:09	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		07/31/23 13:41		
---------	------	------	-----	-----	---	--	----------------	--	--

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2107 Lab ID: 40265783034 Collected: 07/25/23 14:10 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	40.8	mg/L	20.0	4.3	10		08/02/23 21:27	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		08/02/23 21:27	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	693	mg/L	125	37.2	5		08/04/23 12:12		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	134	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	25.8	mg/L	7.5	2.1	15		07/31/23 12:50	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2202 Lab ID: 40265783035 Collected: 07/25/23 14:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 16:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:29	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 16:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:29	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 16:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 16:29	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 16:29	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 16:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 16:29	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 16:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 16:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 16:29	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 16:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 16:29	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 16:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 16:29	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 16:29	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 16:29	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 16:29	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 16:29	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 16:29	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 16:29	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 16:29	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 16:29	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:29	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 16:29	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 16:29	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 16:29	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 16:29	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 16:29	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:29	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:29	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 16:29	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 16:29	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 16:29	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 16:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 16:29	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 16:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 16:29	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 16:29	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 16:29	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 16:29	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 16:29	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 16:29	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:29	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2202 Lab ID: 40265783035 Collected: 07/25/23 14:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 16:29	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 16:29	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 16:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 16:29	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 16:29	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 16:29	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:29	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 16:29	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 16:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:29	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 16:29	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 16:29	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:29	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 16:29	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 16:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		08/03/23 16:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 16:29	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		08/03/23 16:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2107 Lab ID: 40265783036 Collected: 07/25/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	1.1J	ug/L	5.6	0.39	1		08/02/23 12:27	74-84-0	
Ethene	7.0	ug/L	5.0	0.25	1		08/02/23 12:27	74-85-1	
Methane	47.4	ug/L	2.8	0.58	1		08/02/23 12:27	74-82-8	M1
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	0.55	mg/L	0.25	0.058	1	07/28/23 05:28	08/01/23 14:31	7439-89-6	
Manganese	0.31	mg/L	0.0040	0.0012	1	07/28/23 05:28	08/01/23 14:31	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.051	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:31	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:31	7440-47-3	
Iron, Dissolved	0.42	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:31	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:31	7439-92-1	
Manganese, Dissolved	0.32	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:31	7439-96-5	D9
Nickel, Dissolved	0.0051	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:31	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		08/03/23 18:54	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		08/03/23 18:54	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		08/03/23 18:54	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		08/03/23 18:54	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		08/03/23 18:54	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		08/03/23 18:54	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		08/03/23 18:54	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		08/03/23 18:54	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		08/03/23 18:54	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		08/03/23 18:54	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		08/03/23 18:54	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		08/03/23 18:54	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		08/03/23 18:54	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		08/03/23 18:54	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/03/23 18:54	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/03/23 18:54	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		08/03/23 18:54	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		08/03/23 18:54	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		08/03/23 18:54	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		08/03/23 18:54	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		08/03/23 18:54	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		08/03/23 18:54	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		08/03/23 18:54	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		08/03/23 18:54	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		08/03/23 18:54	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2107 Lab ID: 40265783036 Collected: 07/25/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		08/03/23 18:54	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		08/03/23 18:54	75-35-4	
cis-1,2-Dichloroethene	515	ug/L	10.0	4.7	10		08/03/23 18:54	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		08/03/23 18:54	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		08/03/23 18:54	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		08/03/23 18:54	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		08/03/23 18:54	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		08/03/23 18:54	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		08/03/23 18:54	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		08/03/23 18:54	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		08/03/23 18:54	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		08/03/23 18:54	100-41-4	L1
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		08/03/23 18:54	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		08/03/23 18:54	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		08/03/23 18:54	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		08/03/23 18:54	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		08/03/23 18:54	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		08/03/23 18:54	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		08/03/23 18:54	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		08/03/23 18:54	100-42-5	L1
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		08/03/23 18:54	630-20-6	
1,1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		08/03/23 18:54	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		08/03/23 18:54	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		08/03/23 18:54	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		08/03/23 18:54	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		08/03/23 18:54	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		08/03/23 18:54	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		08/03/23 18:54	79-00-5	
Trichloroethene	<3.2	ug/L	10.0	3.2	10		08/03/23 18:54	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		08/03/23 18:54	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		08/03/23 18:54	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		08/03/23 18:54	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		08/03/23 18:54	108-67-8	
Vinyl chloride	220	ug/L	10.0	1.7	10		08/03/23 18:54	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		08/03/23 18:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		10		08/03/23 18:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		10		08/03/23 18:54	2199-69-1	
Toluene-d8 (S)	100	%	70-130		10		08/03/23 18:54	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		07/31/23 13:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2107 Lab ID: 40265783036 Collected: 07/25/23 14:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	417	mg/L	20.0	4.3	10		08/02/23 21:41	16887-00-6	
Sulfate	235	mg/L	20.0	4.4	10		08/02/23 21:41	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	348	mg/L	50.0	14.9	2		08/04/23 12:17		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	32.6J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	5.5	mg/L	1.5	0.42	3		07/31/23 13:05	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2201 Lab ID: 40265783037 Collected: 07/25/23 15:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	15.5	ug/L	5.6	0.39	1		08/02/23 12:34	74-84-0	
Ethene	435	ug/L	5.0	0.25	1		08/02/23 12:34	74-85-1	
Methane	3120	ug/L	70.0	14.4	25		08/02/23 15:22	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	12.7	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 10:18	7439-89-6	
Manganese	0.064	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 10:18	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.075	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:37	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:37	7440-47-3	
Iron, Dissolved	11.8	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:37	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:37	7439-92-1	
Manganese, Dissolved	0.063	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:37	7439-96-5	
Nickel, Dissolved	0.00048J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:37	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/04/23 12:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/04/23 12:10	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/04/23 12:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/04/23 12:10	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/04/23 12:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/04/23 12:10	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/04/23 12:10	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/04/23 12:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/04/23 12:10	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/04/23 12:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/04/23 12:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/04/23 12:10	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/04/23 12:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/04/23 12:10	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/04/23 12:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/04/23 12:10	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/04/23 12:10	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/04/23 12:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/04/23 12:10	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/04/23 12:10	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/04/23 12:10	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/04/23 12:10	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/04/23 12:10	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/04/23 12:10	75-71-8	
1,1-Dichloroethane	1.2	ug/L	1.0	0.30	1		08/04/23 12:10	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2201 Lab ID: 40265783037 Collected: 07/25/23 15:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/04/23 12:10	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		08/04/23 12:10	75-35-4	
cis-1,2-Dichloroethene	127	ug/L	1.0	0.47	1		08/04/23 12:10	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/04/23 12:10	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/04/23 12:10	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/04/23 12:10	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/04/23 12:10	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/04/23 12:10	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/04/23 12:10	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/04/23 12:10	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/04/23 12:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/04/23 12:10	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/04/23 12:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/04/23 12:10	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/04/23 12:10	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/04/23 12:10	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/04/23 12:10	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/04/23 12:10	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/04/23 12:10	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/04/23 12:10	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/04/23 12:10	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/04/23 12:10	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/04/23 12:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/04/23 12:10	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/04/23 12:10	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/04/23 12:10	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/04/23 12:10	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/04/23 12:10	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/04/23 12:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/04/23 12:10	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/04/23 12:10	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/04/23 12:10	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/04/23 12:10	108-67-8	
Vinyl chloride	199	ug/L	1.0	0.17	1		08/04/23 12:10	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/04/23 12:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		08/04/23 12:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/04/23 12:10	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		08/04/23 12:10	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		07/31/23 13:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2201 Lab ID: 40265783037 Collected: 07/25/23 15:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	58.4	mg/L	20.0	4.3	10		08/02/23 21:55	16887-00-6	
Sulfate	281	mg/L	20.0	4.4	10		08/02/23 21:55	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	417	mg/L	50.0	14.9	2		08/04/23 12:23		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	26.3J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.6	mg/L	0.50	0.14	1		07/31/23 13:21	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2201 DUP Lab ID: 40265783038 Collected: 07/25/23 15:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	20.2	ug/L	5.6	0.39	1		08/02/23 12:41	74-84-0	
Ethene	408	ug/L	200	10.1	40		08/02/23 15:29	74-85-1	
Methane	3450	ug/L	112	23.0	40		08/02/23 15:29	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	12.2	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 10:23	7439-89-6	
Manganese	0.067	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 10:23	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.081	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:42	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:42	7440-47-3	
Iron, Dissolved	11.6	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:42	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:42	7439-92-1	
Manganese, Dissolved	0.065	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:42	7439-96-5	
Nickel, Dissolved	0.00046J	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:42	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 18:13	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 18:13	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 18:13	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 18:13	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 18:13	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 18:13	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 18:13	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 18:13	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 18:13	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 18:13	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 18:13	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 18:13	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 18:13	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 18:13	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 18:13	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 18:13	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 18:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 18:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 18:13	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 18:13	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 18:13	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 18:13	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 18:13	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 18:13	75-71-8	
1,1-Dichloroethane	1.6	ug/L	1.0	0.30	1		08/03/23 18:13	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2201 DUP Lab ID: 40265783038 Collected: 07/25/23 15:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 18:13	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 18:13	75-35-4	
cis-1,2-Dichloroethene	190	ug/L	1.0	0.47	1		08/03/23 18:13	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 18:13	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 18:13	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 18:13	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 18:13	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 18:13	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 18:13	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 18:13	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 18:13	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 18:13	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 18:13	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 18:13	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 18:13	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 18:13	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 18:13	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 18:13	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 18:13	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 18:13	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 18:13	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 18:13	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 18:13	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 18:13	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 18:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 18:13	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 18:13	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 18:13	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 18:13	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 18:13	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 18:13	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 18:13	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 18:13	108-67-8	
Vinyl chloride	234	ug/L	1.0	0.17	1		08/03/23 18:13	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 18:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		08/03/23 18:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 18:13	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		08/03/23 18:13	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		07/31/23 13:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2201 DUP Lab ID: 40265783038 Collected: 07/25/23 15:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	58.7	mg/L	20.0	4.3	10		08/02/23 22:10	16887-00-6	
Sulfate	254	mg/L	20.0	4.4	10		08/02/23 22:10	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	448	mg/L	50.0	14.9	2		08/04/23 12:24		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	28.4J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	4.6	mg/L	0.50	0.14	1		07/31/23 13:36	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-61 Lab ID: 40265783039 Collected: 07/26/23 07:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	38.3	ug/L	5.6	0.39	1		08/02/23 12:48	74-84-0	
Ethene	688	ug/L	100	5.0	20		08/02/23 15:36	74-85-1	
Methane	1960	ug/L	56.0	11.5	20		08/02/23 15:36	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	4.7	mg/L	0.25	0.058	1	07/28/23 05:28	07/29/23 10:29	7439-89-6	
Manganese	0.19	mg/L	0.0040	0.0012	1	07/28/23 05:28	07/29/23 10:29	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.091	mg/L	0.0023	0.00070	1	07/28/23 05:31	07/29/23 14:47	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 05:31	07/29/23 14:47	7440-47-3	
Iron, Dissolved	3.3	mg/L	0.25	0.058	1	07/28/23 05:31	07/29/23 14:47	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 05:31	07/29/23 14:47	7439-92-1	
Manganese, Dissolved	0.17	mg/L	0.0040	0.0012	1	07/28/23 05:31	07/29/23 14:47	7439-96-5	
Nickel, Dissolved	0.0013	mg/L	0.0010	0.00028	1	07/28/23 05:31	07/29/23 14:47	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		08/03/23 19:15	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		08/03/23 19:15	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		08/03/23 19:15	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		08/03/23 19:15	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		08/03/23 19:15	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		08/03/23 19:15	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		08/03/23 19:15	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		08/03/23 19:15	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		08/03/23 19:15	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		08/03/23 19:15	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		08/03/23 19:15	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		08/03/23 19:15	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		08/03/23 19:15	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		08/03/23 19:15	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/03/23 19:15	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/03/23 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		08/03/23 19:15	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		08/03/23 19:15	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		08/03/23 19:15	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		08/03/23 19:15	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		08/03/23 19:15	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		08/03/23 19:15	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		08/03/23 19:15	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		08/03/23 19:15	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		08/03/23 19:15	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-61 Lab ID: 40265783039 Collected: 07/26/23 07:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		08/03/23 19:15	107-06-2	
1,1-Dichloroethane	<5.8	ug/L	10.0	5.8	10		08/03/23 19:15	75-35-4	
cis-1,2-Dichloroethene	1210	ug/L	10.0	4.7	10		08/03/23 19:15	156-59-2	
trans-1,2-Dichloroethene	8.4J	ug/L	10.0	5.3	10		08/03/23 19:15	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		08/03/23 19:15	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		08/03/23 19:15	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		08/03/23 19:15	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		08/03/23 19:15	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		08/03/23 19:15	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		08/03/23 19:15	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		08/03/23 19:15	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		08/03/23 19:15	100-41-4	L1
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		08/03/23 19:15	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		08/03/23 19:15	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		08/03/23 19:15	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		08/03/23 19:15	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		08/03/23 19:15	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		08/03/23 19:15	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		08/03/23 19:15	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		08/03/23 19:15	100-42-5	L1
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		08/03/23 19:15	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		08/03/23 19:15	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		08/03/23 19:15	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		08/03/23 19:15	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		08/03/23 19:15	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		08/03/23 19:15	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		08/03/23 19:15	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		08/03/23 19:15	79-00-5	
Trichloroethene	12.6	ug/L	10.0	3.2	10		08/03/23 19:15	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		08/03/23 19:15	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		08/03/23 19:15	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		08/03/23 19:15	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		08/03/23 19:15	108-67-8	
Vinyl chloride	1560	ug/L	10.0	1.7	10		08/03/23 19:15	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		08/03/23 19:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		10		08/03/23 19:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		08/03/23 19:15	2199-69-1	
Toluene-d8 (S)	102	%	70-130		10		08/03/23 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		07/31/23 13:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-61 Lab ID: 40265783039 Collected: 07/26/23 07:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	170	mg/L	20.0	4.3	10		08/02/23 22:24	16887-00-6	
Sulfate	417	mg/L	20.0	4.4	10		08/02/23 22:24	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	282	mg/L	50.0	14.9	2		08/04/23 12:25		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	58.1	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:53		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	11.5	mg/L	3.0	0.83	6		07/31/23 13:51	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-61 Lab ID: 40265783040 Collected: 07/26/23 07:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	12.7	ug/L	5.6	0.39	1		08/02/23 12:55	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		08/02/23 12:55	74-85-1	
Methane	7320	ug/L	140	28.8	50		08/02/23 15:42	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	62.2	mg/L	2.5	0.58	10	07/28/23 05:54	08/02/23 14:19	7439-89-6	
Manganese	0.25	mg/L	0.0040	0.0012	1	07/28/23 05:54	08/01/23 20:46	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.25	mg/L	0.023	0.0070	10	07/28/23 06:01	08/02/23 14:48	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 06:01	08/01/23 19:10	7440-47-3	
Iron, Dissolved	51.4	mg/L	0.25	0.058	1	07/28/23 06:01	08/01/23 19:10	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 06:01	08/01/23 19:10	7439-92-1	
Manganese, Dissolved	0.20	mg/L	0.0040	0.0012	1	07/28/23 06:01	08/01/23 19:10	7439-96-5	
Nickel, Dissolved	0.0075	mg/L	0.0010	0.00028	1	07/28/23 06:01	08/01/23 19:10	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 16:50	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:50	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 16:50	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:50	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 16:50	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 16:50	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 16:50	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 16:50	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 16:50	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 16:50	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 16:50	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 16:50	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 16:50	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 16:50	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 16:50	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 16:50	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 16:50	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 16:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 16:50	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 16:50	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 16:50	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 16:50	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 16:50	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 16:50	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:50	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-61 Lab ID: 40265783040 Collected: 07/26/23 07:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 16:50	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 16:50	75-35-4	
cis-1,2-Dichloroethene	0.93J	ug/L	1.0	0.47	1		08/03/23 16:50	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 16:50	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 16:50	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:50	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:50	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 16:50	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 16:50	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 16:50	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 16:50	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 16:50	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 16:50	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 16:50	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 16:50	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 16:50	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 16:50	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 16:50	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 16:50	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:50	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 16:50	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 16:50	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 16:50	127-18-4	
Toluene	1.3	ug/L	1.0	0.29	1		08/03/23 16:50	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 16:50	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 16:50	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 16:50	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 16:50	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 16:50	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 16:50	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 16:50	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 16:50	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 16:50	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 16:50	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 16:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		08/03/23 16:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		08/03/23 16:50	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		08/03/23 16:50	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 10:38		M0

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-61 Lab ID: 40265783040 Collected: 07/26/23 07:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	533	mg/L	20.0	4.3	10		08/02/23 22:38	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		08/02/23 22:38	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	724	mg/L	125	37.2	5		08/04/23 12:26		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	120	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:54		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	22.3	mg/L	5.0	1.4	10		07/31/23 14:36	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2112 Lab ID: 40265783041 Collected: 07/26/23 08:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	1.4J	ug/L	5.6	0.39	1		08/02/23 13:01	74-84-0	
Ethene	40.6	ug/L	5.0	0.25	1		08/02/23 13:01	74-85-1	
Methane	945	ug/L	28.0	5.8	10		08/02/23 15:49	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	2.9	mg/L	0.25	0.058	1	07/28/23 05:54	08/01/23 21:30	7439-89-6	
Manganese	0.33	mg/L	0.0040	0.0012	1	07/28/23 05:54	08/01/23 21:30	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.082	mg/L	0.0023	0.00070	1	07/28/23 06:01	08/01/23 20:09	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 06:01	08/01/23 20:09	7440-47-3	
Iron, Dissolved	1.7	mg/L	0.25	0.058	1	07/28/23 06:01	08/01/23 20:09	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 06:01	08/01/23 20:09	7439-92-1	
Manganese, Dissolved	0.33	mg/L	0.0040	0.0012	1	07/28/23 06:01	08/01/23 20:09	7439-96-5	
Nickel, Dissolved	0.0016	mg/L	0.0010	0.00028	1	07/28/23 06:01	08/01/23 20:09	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.59	ug/L	2.0	0.59	2		08/04/23 12:31	71-43-2	
Bromobenzene	<0.72	ug/L	2.0	0.72	2		08/04/23 12:31	108-86-1	
Bromochloromethane	<0.72	ug/L	2.0	0.72	2		08/04/23 12:31	74-97-5	
Bromodichloromethane	<0.83	ug/L	2.0	0.83	2		08/04/23 12:31	75-27-4	
Bromoform	<0.86	ug/L	2.0	0.86	2		08/04/23 12:31	75-25-2	
Bromomethane	<2.4	ug/L	10.0	2.4	2		08/04/23 12:31	74-83-9	
n-Butylbenzene	<1.7	ug/L	2.0	1.7	2		08/04/23 12:31	104-51-8	
sec-Butylbenzene	<0.85	ug/L	2.0	0.85	2		08/04/23 12:31	135-98-8	
tert-Butylbenzene	<1.2	ug/L	2.0	1.2	2		08/04/23 12:31	98-06-6	
Carbon tetrachloride	<0.74	ug/L	2.0	0.74	2		08/04/23 12:31	56-23-5	
Chlorobenzene	<1.7	ug/L	2.0	1.7	2		08/04/23 12:31	108-90-7	
Chloroethane	<2.8	ug/L	10.0	2.8	2		08/04/23 12:31	75-00-3	
Chloroform	<1.0	ug/L	10.0	1.0	2		08/04/23 12:31	67-66-3	
Chloromethane	<3.3	ug/L	10.0	3.3	2		08/04/23 12:31	74-87-3	
2-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		08/04/23 12:31	95-49-8	
4-Chlorotoluene	<1.8	ug/L	10.0	1.8	2		08/04/23 12:31	106-43-4	
1,2-Dibromo-3-chloropropane	<4.7	ug/L	10.0	4.7	2		08/04/23 12:31	96-12-8	
Dibromochloromethane	<5.3	ug/L	10.0	5.3	2		08/04/23 12:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.62	ug/L	2.0	0.62	2		08/04/23 12:31	106-93-4	
Dibromomethane	<2.0	ug/L	10.0	2.0	2		08/04/23 12:31	74-95-3	
1,2-Dichlorobenzene	<0.65	ug/L	2.0	0.65	2		08/04/23 12:31	95-50-1	
1,3-Dichlorobenzene	<0.70	ug/L	2.0	0.70	2		08/04/23 12:31	541-73-1	
1,4-Dichlorobenzene	<1.8	ug/L	2.0	1.8	2		08/04/23 12:31	106-46-7	
Dichlorodifluoromethane	<0.91	ug/L	10.0	0.91	2		08/04/23 12:31	75-71-8	
1,1-Dichloroethane	<0.59	ug/L	2.0	0.59	2		08/04/23 12:31	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2112 Lab ID: 40265783041 Collected: 07/26/23 08:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.58	ug/L	2.0	0.58	2		08/04/23 12:31	107-06-2	
1,1-Dichloroethene	<1.2	ug/L	2.0	1.2	2		08/04/23 12:31	75-35-4	
cis-1,2-Dichloroethene	595	ug/L	2.0	0.94	2		08/04/23 12:31	156-59-2	
trans-1,2-Dichloroethene	2.0J	ug/L	2.0	1.1	2		08/04/23 12:31	156-60-5	
1,2-Dichloropropane	<0.90	ug/L	2.0	0.90	2		08/04/23 12:31	78-87-5	
1,3-Dichloropropane	<0.61	ug/L	2.0	0.61	2		08/04/23 12:31	142-28-9	
2,2-Dichloropropane	<0.84	ug/L	2.0	0.84	2		08/04/23 12:31	594-20-7	
1,1-Dichloropropene	<0.82	ug/L	2.0	0.82	2		08/04/23 12:31	563-58-6	
cis-1,3-Dichloropropene	<0.47	ug/L	2.0	0.47	2		08/04/23 12:31	10061-01-5	
trans-1,3-Dichloropropene	<0.53	ug/L	2.0	0.53	2		08/04/23 12:31	10061-02-6	
Diisopropyl ether	<2.2	ug/L	10.0	2.2	2		08/04/23 12:31	108-20-3	
Ethylbenzene	<0.65	ug/L	2.0	0.65	2		08/04/23 12:31	100-41-4	L1
Hexachloro-1,3-butadiene	<5.5	ug/L	10.0	5.5	2		08/04/23 12:31	87-68-3	
Isopropylbenzene (Cumene)	<2.0	ug/L	10.0	2.0	2		08/04/23 12:31	98-82-8	
p-Isopropyltoluene	<2.1	ug/L	10.0	2.1	2		08/04/23 12:31	99-87-6	
Methylene Chloride	<0.64	ug/L	10.0	0.64	2		08/04/23 12:31	75-09-2	
Methyl-tert-butyl ether	<2.3	ug/L	10.0	2.3	2		08/04/23 12:31	1634-04-4	
Naphthalene	<3.8	ug/L	10.0	3.8	2		08/04/23 12:31	91-20-3	
n-Propylbenzene	<0.69	ug/L	2.0	0.69	2		08/04/23 12:31	103-65-1	
Styrene	<0.71	ug/L	2.0	0.71	2		08/04/23 12:31	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.71	ug/L	2.0	0.71	2		08/04/23 12:31	630-20-6	
1,1,2,2-Tetrachloroethane	<0.76	ug/L	2.0	0.76	2		08/04/23 12:31	79-34-5	
Tetrachloroethene	<0.82	ug/L	2.0	0.82	2		08/04/23 12:31	127-18-4	
Toluene	<0.58	ug/L	2.0	0.58	2		08/04/23 12:31	108-88-3	
1,2,3-Trichlorobenzene	<2.0	ug/L	10.0	2.0	2		08/04/23 12:31	87-61-6	
1,2,4-Trichlorobenzene	<1.9	ug/L	10.0	1.9	2		08/04/23 12:31	120-82-1	
1,1,1-Trichloroethane	<0.61	ug/L	2.0	0.61	2		08/04/23 12:31	71-55-6	
1,1,2-Trichloroethane	<0.69	ug/L	2.0	0.69	2		08/04/23 12:31	79-00-5	
Trichloroethene	<0.64	ug/L	2.0	0.64	2		08/04/23 12:31	79-01-6	
Trichlorofluoromethane	<0.84	ug/L	2.0	0.84	2		08/04/23 12:31	75-69-4	
1,2,3-Trichloropropane	<1.1	ug/L	2.0	1.1	2		08/04/23 12:31	96-18-4	
1,2,4-Trimethylbenzene	<0.90	ug/L	2.0	0.90	2		08/04/23 12:31	95-63-6	
1,3,5-Trimethylbenzene	<0.71	ug/L	2.0	0.71	2		08/04/23 12:31	108-67-8	
Vinyl chloride	418	ug/L	2.0	0.35	2		08/04/23 12:31	75-01-4	
Xylene (Total)	<2.1	ug/L	6.0	2.1	2		08/04/23 12:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		2		08/04/23 12:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		2		08/04/23 12:31	2199-69-1	
Toluene-d8 (S)	101	%	70-130		2		08/04/23 12:31	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		08/01/23 10:48		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2112 Lab ID: 40265783041 Collected: 07/26/23 08:00 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	82.1	mg/L	20.0	4.3	10		08/02/23 22:53	16887-00-6	
Sulfate	352	mg/L	20.0	4.4	10		08/02/23 22:53	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	413	mg/L	50.0	14.9	2		08/04/23 12:27		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	62.3	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:54		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	15.0	mg/L	5.0	1.4	10		07/31/23 14:50	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2112 Lab ID: 40265783042 Collected: 07/26/23 08:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	<0.39	ug/L	5.6	0.39	1		08/02/23 13:08	74-84-0	
Ethene	<0.25	ug/L	5.0	0.25	1		08/02/23 13:08	74-85-1	
Methane	4320	ug/L	112	23.0	40		08/02/23 15:56	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	4.8	mg/L	0.25	0.058	1	07/28/23 05:54	08/01/23 21:45	7439-89-6	
Manganese	0.045	mg/L	0.0040	0.0012	1	07/28/23 05:54	08/01/23 21:45	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.22	mg/L	0.0023	0.00070	1	07/28/23 06:01	08/01/23 20:24	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 06:01	08/01/23 20:24	7440-47-3	
Iron, Dissolved	2.0	mg/L	0.25	0.058	1	07/28/23 06:01	08/01/23 20:24	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 06:01	08/01/23 20:24	7439-92-1	
Manganese, Dissolved	0.044	mg/L	0.0040	0.0012	1	07/28/23 06:01	08/01/23 20:24	7439-96-5	
Nickel, Dissolved	0.00034J	mg/L	0.0010	0.00028	1	07/28/23 06:01	08/01/23 20:24	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 17:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:11	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 17:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:11	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 17:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 17:11	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 17:11	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 17:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 17:11	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 17:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 17:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 17:11	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 17:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 17:11	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 17:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 17:11	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 17:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 17:11	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 17:11	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 17:11	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 17:11	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 17:11	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 17:11	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:11	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2112 Lab ID: 40265783042 Collected: 07/26/23 08:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 17:11	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		08/03/23 17:11	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 17:11	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 17:11	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 17:11	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:11	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:11	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 17:11	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 17:11	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 17:11	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 17:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 17:11	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 17:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 17:11	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 17:11	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 17:11	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 17:11	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 17:11	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 17:11	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:11	100-42-5	L1
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 17:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 17:11	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 17:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 17:11	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 17:11	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 17:11	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:11	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 17:11	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 17:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:11	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 17:11	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 17:11	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:11	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 17:11	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 17:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		08/03/23 17:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/23 17:11	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		08/03/23 17:11	2037-26-5	

4500S2F Sulfide, Iodometric Analytical Method: SM 4500-S F (2000)
Pace Analytical Services - Green Bay

Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 10:50		
---------	------	------	-----	-----	---	--	----------------	--	--

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-2112 Lab ID: 40265783042 Collected: 07/26/23 08:50 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	196	mg/L	20.0	4.3	10		08/02/23 23:07	16887-00-6	
Sulfate	58.8	mg/L	20.0	4.4	10		08/02/23 23:07	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	543	mg/L	50.0	14.9	2		08/04/23 12:28		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	32.6J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:54		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	3.1	mg/L	0.50	0.14	1		07/31/23 15:26	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2113 Lab ID: 40265783043 Collected: 07/26/23 11:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	3.8J	ug/L	5.6	0.39	1		08/02/23 13:15	74-84-0	
Ethene	87.8	ug/L	5.0	0.25	1		08/02/23 13:15	74-85-1	
Methane	2220	ug/L	70.0	14.4	25		08/02/23 16:03	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	6.2	mg/L	0.25	0.058	1	07/28/23 05:54	08/01/23 21:52	7439-89-6	
Manganese	0.13	mg/L	0.0040	0.0012	1	07/28/23 05:54	08/01/23 21:52	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.19	mg/L	0.0023	0.00070	1	07/28/23 06:01	08/01/23 20:31	7440-39-3	
Chromium, Dissolved	0.0016J	mg/L	0.0034	0.0010	1	07/28/23 06:01	08/01/23 20:31	7440-47-3	
Iron, Dissolved	6.8	mg/L	0.25	0.058	1	07/28/23 06:01	08/01/23 20:31	7439-89-6	D9
Lead, Dissolved	0.0023	mg/L	0.0010	0.00024	1	07/28/23 06:01	08/01/23 20:31	7439-92-1	
Manganese, Dissolved	0.16	mg/L	0.0040	0.0012	1	07/28/23 06:01	08/01/23 20:31	7439-96-5	D9
Nickel, Dissolved	0.0060	mg/L	0.0010	0.00028	1	07/28/23 06:01	08/01/23 20:31	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<7.4	ug/L	25.0	7.4	25		08/03/23 18:33	71-43-2	
Bromobenzene	<9.0	ug/L	25.0	9.0	25		08/03/23 18:33	108-86-1	
Bromochloromethane	<8.9	ug/L	25.0	8.9	25		08/03/23 18:33	74-97-5	
Bromodichloromethane	<10.4	ug/L	25.0	10.4	25		08/03/23 18:33	75-27-4	
Bromoform	<10.7	ug/L	25.0	10.7	25		08/03/23 18:33	75-25-2	
Bromomethane	<29.8	ug/L	125	29.8	25		08/03/23 18:33	74-83-9	
n-Butylbenzene	<21.4	ug/L	25.0	21.4	25		08/03/23 18:33	104-51-8	
sec-Butylbenzene	<10.6	ug/L	25.0	10.6	25		08/03/23 18:33	135-98-8	
tert-Butylbenzene	<14.7	ug/L	25.0	14.7	25		08/03/23 18:33	98-06-6	
Carbon tetrachloride	<9.2	ug/L	25.0	9.2	25		08/03/23 18:33	56-23-5	
Chlorobenzene	<21.4	ug/L	25.0	21.4	25		08/03/23 18:33	108-90-7	
Chloroethane	<34.5	ug/L	125	34.5	25		08/03/23 18:33	75-00-3	
Chloroform	<12.6	ug/L	125	12.6	25		08/03/23 18:33	67-66-3	
Chloromethane	<40.9	ug/L	125	40.9	25		08/03/23 18:33	74-87-3	
2-Chlorotoluene	<22.2	ug/L	125	22.2	25		08/03/23 18:33	95-49-8	
4-Chlorotoluene	<22.4	ug/L	125	22.4	25		08/03/23 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	<59.2	ug/L	125	59.2	25		08/03/23 18:33	96-12-8	
Dibromochloromethane	<66.1	ug/L	125	66.1	25		08/03/23 18:33	124-48-1	
1,2-Dibromoethane (EDB)	<7.7	ug/L	25.0	7.7	25		08/03/23 18:33	106-93-4	
Dibromomethane	<24.8	ug/L	125	24.8	25		08/03/23 18:33	74-95-3	
1,2-Dichlorobenzene	<8.1	ug/L	25.0	8.1	25		08/03/23 18:33	95-50-1	
1,3-Dichlorobenzene	<8.8	ug/L	25.0	8.8	25		08/03/23 18:33	541-73-1	
1,4-Dichlorobenzene	<22.3	ug/L	25.0	22.3	25		08/03/23 18:33	106-46-7	
Dichlorodifluoromethane	<11.4	ug/L	125	11.4	25		08/03/23 18:33	75-71-8	
1,1-Dichloroethane	<7.4	ug/L	25.0	7.4	25		08/03/23 18:33	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2113 Lab ID: 40265783043 Collected: 07/26/23 11:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<7.3	ug/L	25.0	7.3	25		08/03/23 18:33	107-06-2	
1,1-Dichloroethene	<14.6	ug/L	25.0	14.6	25		08/03/23 18:33	75-35-4	
cis-1,2-Dichloroethene	2270	ug/L	25.0	11.8	25		08/03/23 18:33	156-59-2	
trans-1,2-Dichloroethene	53.0	ug/L	25.0	13.2	25		08/03/23 18:33	156-60-5	
1,2-Dichloropropane	<11.2	ug/L	25.0	11.2	25		08/03/23 18:33	78-87-5	
1,3-Dichloropropane	<7.6	ug/L	25.0	7.6	25		08/03/23 18:33	142-28-9	
2,2-Dichloropropane	<10.5	ug/L	25.0	10.5	25		08/03/23 18:33	594-20-7	
1,1-Dichloropropene	<10.3	ug/L	25.0	10.3	25		08/03/23 18:33	563-58-6	
cis-1,3-Dichloropropene	<5.9	ug/L	25.0	5.9	25		08/03/23 18:33	10061-01-5	
trans-1,3-Dichloropropene	<6.6	ug/L	25.0	6.6	25		08/03/23 18:33	10061-02-6	
Diisopropyl ether	<27.5	ug/L	125	27.5	25		08/03/23 18:33	108-20-3	
Ethylbenzene	<8.1	ug/L	25.0	8.1	25		08/03/23 18:33	100-41-4	L1
Hexachloro-1,3-butadiene	<68.4	ug/L	125	68.4	25		08/03/23 18:33	87-68-3	
Isopropylbenzene (Cumene)	<25.0	ug/L	125	25.0	25		08/03/23 18:33	98-82-8	
p-Isopropyltoluene	<26.1	ug/L	125	26.1	25		08/03/23 18:33	99-87-6	
Methylene Chloride	<8.0	ug/L	125	8.0	25		08/03/23 18:33	75-09-2	
Methyl-tert-butyl ether	<28.2	ug/L	125	28.2	25		08/03/23 18:33	1634-04-4	
Naphthalene	<47.9	ug/L	125	47.9	25		08/03/23 18:33	91-20-3	
n-Propylbenzene	<8.6	ug/L	25.0	8.6	25		08/03/23 18:33	103-65-1	
Styrene	<8.9	ug/L	25.0	8.9	25		08/03/23 18:33	100-42-5	L1
1,1,1,2-Tetrachloroethane	<8.9	ug/L	25.0	8.9	25		08/03/23 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	<9.4	ug/L	25.0	9.4	25		08/03/23 18:33	79-34-5	
Tetrachloroethene	<10.2	ug/L	25.0	10.2	25		08/03/23 18:33	127-18-4	
Toluene	<7.2	ug/L	25.0	7.2	25		08/03/23 18:33	108-88-3	
1,2,3-Trichlorobenzene	<25.5	ug/L	125	25.5	25		08/03/23 18:33	87-61-6	
1,2,4-Trichlorobenzene	<23.8	ug/L	125	23.8	25		08/03/23 18:33	120-82-1	
1,1,1-Trichloroethane	<7.6	ug/L	25.0	7.6	25		08/03/23 18:33	71-55-6	
1,1,2-Trichloroethane	<8.6	ug/L	25.0	8.6	25		08/03/23 18:33	79-00-5	
Trichloroethene	<8.0	ug/L	25.0	8.0	25		08/03/23 18:33	79-01-6	
Trichlorofluoromethane	<10.5	ug/L	25.0	10.5	25		08/03/23 18:33	75-69-4	
1,2,3-Trichloropropane	<13.9	ug/L	25.0	13.9	25		08/03/23 18:33	96-18-4	
1,2,4-Trimethylbenzene	<11.2	ug/L	25.0	11.2	25		08/03/23 18:33	95-63-6	
1,3,5-Trimethylbenzene	<8.9	ug/L	25.0	8.9	25		08/03/23 18:33	108-67-8	
Vinyl chloride	1950	ug/L	25.0	4.4	25		08/03/23 18:33	75-01-4	
Xylene (Total)	<26.2	ug/L	75.0	26.2	25		08/03/23 18:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		25		08/03/23 18:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		25		08/03/23 18:33	2199-69-1	
Toluene-d8 (S)	102	%	70-130		25		08/03/23 18:33	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		08/01/23 10:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2113 Lab ID: 40265783043 Collected: 07/26/23 11:40 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	44.9	mg/L	20.0	4.3	10		08/03/23 00:05	16887-00-6	
Sulfate	322	mg/L	20.0	4.4	10		08/03/23 00:05	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	527	mg/L	125	37.2	5		08/04/23 12:29		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	72.9	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:54		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	18.3	mg/L	7.5	2.1	15		07/31/23 15:41	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-118 Lab ID: 40265783044 Collected: 07/26/23 09:05 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 14:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:25	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 14:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:25	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 14:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 14:25	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 14:25	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 14:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 14:25	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 14:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 14:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 14:25	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 14:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 14:25	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 14:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 14:25	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 14:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 14:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 14:25	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 14:25	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 14:25	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 14:25	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 14:25	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 14:25	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:25	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 14:25	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 14:25	75-35-4	
cis-1,2-Dichloroethene	1.9	ug/L	1.0	0.47	1		08/03/23 14:25	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 14:25	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 14:25	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:25	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:25	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 14:25	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 14:25	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 14:25	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 14:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 14:25	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 14:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 14:25	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 14:25	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 14:25	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 14:25	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 14:25	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 14:25	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:25	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: PZ-118 Lab ID: 40265783044 Collected: 07/26/23 09:05 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 14:25	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 14:25	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 14:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 14:25	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 14:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 14:25	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:25	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 14:25	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 14:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:25	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 14:25	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 14:25	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:25	108-67-8	
Vinyl chloride	0.83J	ug/L	1.0	0.17	1		08/03/23 14:25	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 14:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		08/03/23 14:25	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/23 14:25	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		08/03/23 14:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2101 Lab ID: 40265783045 Collected: 07/26/23 08:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	124	ug/L	5.6	0.39	1		08/02/23 13:22	74-84-0	
Ethene	195	ug/L	5.0	0.25	1		08/02/23 13:22	74-85-1	
Methane	7710	ug/L	280	57.6	100		08/02/23 16:10	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	85.8	mg/L	0.25	0.058	1	07/28/23 05:54	08/01/23 21:59	7439-89-6	
Manganese	0.071	mg/L	0.0040	0.0012	1	07/28/23 05:54	08/01/23 21:59	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.17	mg/L	0.0023	0.00070	1	07/28/23 06:01	08/01/23 20:39	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	07/28/23 06:01	08/01/23 20:39	7440-47-3	
Iron, Dissolved	82.9	mg/L	0.25	0.058	1	07/28/23 06:01	08/01/23 20:39	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	07/28/23 06:01	08/01/23 20:39	7439-92-1	
Manganese, Dissolved	0.070	mg/L	0.0040	0.0012	1	07/28/23 06:01	08/01/23 20:39	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	07/28/23 06:01	08/01/23 20:39	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.1	ug/L	1.0	0.30	1		08/03/23 14:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:05	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 14:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:05	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 14:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 14:05	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 14:05	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 14:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 14:05	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 14:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 14:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 14:05	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 14:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 14:05	74-87-3	M1
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 14:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 14:05	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 14:05	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 14:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 14:05	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 14:05	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 14:05	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 14:05	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 14:05	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 14:05	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:05	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2101 Lab ID: 40265783045 Collected: 07/26/23 08:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 14:05	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 14:05	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 14:05	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 14:05	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 14:05	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:05	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:05	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 14:05	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 14:05	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 14:05	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 14:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 14:05	100-41-4	L1,M0
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 14:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 14:05	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 14:05	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 14:05	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 14:05	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 14:05	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 14:05	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:05	100-42-5	L1,M0
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 14:05	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 14:05	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 14:05	127-18-4	
Toluene	0.74J	ug/L	1.0	0.29	1		08/03/23 14:05	108-88-3	M1
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 14:05	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 14:05	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 14:05	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 14:05	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 14:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 14:05	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 14:05	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 14:05	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 14:05	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 14:05	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 14:05	1330-20-7	MS
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		08/03/23 14:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/23 14:05	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		08/03/23 14:05	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 10:54		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-2101 Lab ID: 40265783045 Collected: 07/26/23 08:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	73.2	mg/L	20.0	4.3	10		08/03/23 00:19	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		08/03/23 00:19	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	937	mg/L	125	37.2	5		08/04/23 12:30		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	1350	mg/L	200	58.9	1	08/04/23 05:10	08/04/23 07:54		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	541	mg/L	15.0	4.2	30		07/31/23 15:56	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-114 Lab ID: 40265783046 Collected: 07/26/23 11:35 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 17:31	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:31	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 17:31	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:31	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 17:31	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 17:31	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 17:31	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 17:31	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 17:31	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 17:31	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 17:31	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 17:31	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 17:31	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 17:31	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 17:31	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 17:31	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 17:31	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 17:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 17:31	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 17:31	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 17:31	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 17:31	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 17:31	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 17:31	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:31	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 17:31	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 17:31	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 17:31	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 17:31	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 17:31	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:31	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:31	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 17:31	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 17:31	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 17:31	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 17:31	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 17:31	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 17:31	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 17:31	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 17:31	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 17:31	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 17:31	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 17:31	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 17:31	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:31	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: MW-114 Lab ID: 40265783046 Collected: 07/26/23 11:35 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 17:31	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 17:31	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 17:31	127-18-4	
Toluene	0.73J	ug/L	1.0	0.29	1		08/03/23 17:31	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 17:31	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 17:31	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 17:31	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 17:31	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 17:31	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 17:31	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 17:31	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 17:31	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 17:31	108-67-8	
Vinyl chloride	1.6	ug/L	1.0	0.17	1		08/03/23 17:31	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 17:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		08/03/23 17:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		08/03/23 17:31	2199-69-1	
Toluene-d8 (S)	100	%	70-130		1		08/03/23 17:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: TB-02 Lab ID: 40265783047 Collected: 07/26/23 05:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/03/23 13:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 13:44	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/03/23 13:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 13:44	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/03/23 13:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/03/23 13:44	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 13:44	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/03/23 13:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/03/23 13:44	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/03/23 13:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/03/23 13:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/03/23 13:44	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/03/23 13:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/03/23 13:44	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 13:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/03/23 13:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/03/23 13:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/03/23 13:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/03/23 13:44	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/03/23 13:44	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 13:44	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 13:44	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/03/23 13:44	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/03/23 13:44	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 13:44	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/03/23 13:44	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/03/23 13:44	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/03/23 13:44	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/03/23 13:44	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/03/23 13:44	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/03/23 13:44	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/03/23 13:44	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/03/23 13:44	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/03/23 13:44	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/03/23 13:44	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 13:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/03/23 13:44	100-41-4	L1
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/03/23 13:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/03/23 13:44	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/03/23 13:44	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/03/23 13:44	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/03/23 13:44	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/03/23 13:44	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/03/23 13:44	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/03/23 13:44	100-42-5	L1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265783

Sample: TB-02 Lab ID: 40265783047 Collected: 07/26/23 05:45 Received: 07/27/23 09:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/03/23 13:44	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/03/23 13:44	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/03/23 13:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/03/23 13:44	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/03/23 13:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/03/23 13:44	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/03/23 13:44	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/03/23 13:44	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/03/23 13:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/03/23 13:44	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/03/23 13:44	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/03/23 13:44	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/03/23 13:44	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/03/23 13:44	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/03/23 13:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		08/03/23 13:44	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/23 13:44	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		08/03/23 13:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451031	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:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032		

METHOD BLANK:	2591840	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	07/31/23 10:24	
Ethene	ug/L	<0.25	5.0	07/31/23 10:24	
Methane	ug/L	<0.58	2.8	07/31/23 10:24	

LABORATORY CONTROL SAMPLE & LCSD: 2591841		2591842								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	50.6	52.0	95	97	80-120	3	20	
Ethene	ug/L	50	46.9	48.1	94	96	80-120	2	20	
Methane	ug/L	28.6	27.0	27.8	94	97	80-120	3	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2591972		2591973											
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265783003 Result	Spike Conc.	Spike Conc.	Conc.								
Ethane	ug/L	<0.39	53.6	53.6	44.5	47.2	83	88	77-120	6	20		
Ethene	ug/L	0.35J	50	50	40.7	43.2	81	86	76-120	6	20		
Methane	ug/L	1.4J	28.6	28.6	24.5	26.1	81	86	12-198	7	26		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451264	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:	40265783034, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

METHOD BLANK:	2592692	Matrix:	Water
Associated Lab Samples:	40265783034, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	08/02/23 10:17	
Ethene	ug/L	<0.25	5.0	08/02/23 10:17	
Methane	ug/L	<0.58	2.8	08/02/23 10:17	

Parameter	Units	2592693		2592694		% Rec	% Rec	% Rec	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCS % Rec						
Ethane	ug/L	53.6	51.5	50.3	96	94	80-120	2	20		
Ethene	ug/L	50	47.3	46.2	95	92	80-120	2	20		
Methane	ug/L	28.6	27.6	26.9	97	94	80-120	3	20		

Parameter	Units	2593063		2593064		MS % Rec	MSD % Rec	% Rec	RPD	Max RPD	Qual
		40265783036 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Ethane	ug/L	1.1J	53.6	53.6	48.6	51.1	89	93	77-120	5	20
Ethene	ug/L	7.0	50	50	54.0	58.4	94	103	76-120	8	20
Methane	ug/L	47.4	28.6	28.6	98.0	121	177	258	12-198	21	26 M1

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450886	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

METHOD BLANK:	2590483	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	07/29/23 07:59	
Manganese	mg/L	<0.0012	0.0040	07/29/23 07:59	

LABORATORY CONTROL SAMPLE:	2590484					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.3	103	80-120	
Manganese	mg/L	0.25	0.26	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2590485			2590486								
Parameter	Units	40265783002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	1.6	10	10	11.6	11.5	100	99	75-125	1	20	
Manganese	mg/L	0.34	0.25	0.25	0.60	0.59	101	97	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450891	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

METHOD BLANK: 2590498 Matrix: Water
 Associated Lab Samples: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	08/01/23 19:54	
Manganese	mg/L	<0.0012	0.0040	08/01/23 19:54	

LABORATORY CONTROL SAMPLE: 2590499

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	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590500 2590501

Parameter	Units	40265783040 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	62.2	10	10	74.4	72.8	122	106	75-125	2	20	
Manganese	mg/L	0.25	0.25	0.25	0.52	0.51	107	102	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450890	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

METHOD BLANK:	2590494	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	07/29/23 12:12	
Chromium, Dissolved	mg/L	<0.0010	0.0034	07/29/23 12:12	
Iron, Dissolved	mg/L	<0.058	0.25	07/29/23 12:12	
Lead, Dissolved	mg/L	<0.00024	0.0010	07/29/23 12:12	
Manganese, Dissolved	mg/L	<0.0012	0.0040	07/29/23 12:12	
Nickel, Dissolved	mg/L	<0.00028	0.0010	07/29/23 12:12	

LABORATORY CONTROL SAMPLE:	2590495					
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	99	80-120	
Iron, Dissolved	mg/L	10	10.0	100	80-120	
Lead, Dissolved	mg/L	0.25	0.25	98	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	99	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2590496			2590497								
Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40265783002 Result	Spike Conc.	Spike Conc.	MS Result							MSD Result
Barium, Dissolved	mg/L	0.045	0.25	0.25	0.30	0.29	104	99	75-125	4	20	
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.25	0.24	100	97	75-125	3	20	
Iron, Dissolved	mg/L	0.34	10	10	10.6	10.3	103	100	75-125	3	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.25	103	100	75-125	4	20	
Manganese, Dissolved	mg/L	0.18	0.25	0.25	0.45	0.42	105	97	75-125	5	20	
Nickel, Dissolved	mg/L	0.00069J	0.25	0.25	0.25	0.25	101	98	75-125	3	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450892	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

METHOD BLANK: 2590502 Matrix: Water
 Associated Lab Samples: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	08/01/23 18:26	
Chromium, Dissolved	mg/L	<0.0010	0.0034	08/01/23 18:26	
Iron, Dissolved	mg/L	<0.058	0.25	08/01/23 18:26	
Lead, Dissolved	mg/L	<0.00024	0.0010	08/01/23 18:26	
Manganese, Dissolved	mg/L	<0.0012	0.0040	08/01/23 18:26	
Nickel, Dissolved	mg/L	<0.00028	0.0010	08/01/23 18:26	

LABORATORY CONTROL SAMPLE: 2590503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	101	80-120	
Chromium, Dissolved	mg/L	0.25	0.24	95	80-120	
Iron, Dissolved	mg/L	10	10.1	101	80-120	
Lead, Dissolved	mg/L	0.25	0.25	100	80-120	
Manganese, Dissolved	mg/L	0.25	0.24	98	80-120	
Nickel, Dissolved	mg/L	0.25	0.23	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590504 2590505

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265783040 Result	Spike Conc.	Spike Conc.	Result						
Barium, Dissolved	mg/L	0.25	0.25	0.25	0.50	100	95	75-125	3	20	
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.24	98	94	75-125	4	20	
Iron, Dissolved	mg/L	51.4	10	10	62.6	112	94	75-125	3	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.25	100	99	75-125	2	20	
Manganese, Dissolved	mg/L	0.20	0.25	0.25	0.48	109	107	75-125	1	20	
Nickel, Dissolved	mg/L	0.0075	0.25	0.25	0.24	92	91	75-125	2	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch: 450894 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265783001, 40265783002, 40265783003, 40265783004, 40265783005, 40265783006, 40265783007, 40265783008, 40265783009, 40265783010

METHOD BLANK: 2590510 Matrix: Water
Associated Lab Samples: 40265783001, 40265783002, 40265783003, 40265783004, 40265783005, 40265783006, 40265783007, 40265783008, 40265783009, 40265783010

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

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

METHOD BLANK: 2590510

Matrix: Water

Associated Lab Samples: 40265783001, 40265783002, 40265783003, 40265783004, 40265783005, 40265783006, 40265783007, 40265783008, 40265783009, 40265783010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	07/28/23 10:17	
Ethylbenzene	ug/L	<0.33	1.0	07/28/23 10:17	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/28/23 10:17	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/28/23 10:17	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/28/23 10:17	
Methylene Chloride	ug/L	<0.32	5.0	07/28/23 10:17	
n-Butylbenzene	ug/L	<0.86	1.0	07/28/23 10:17	
n-Propylbenzene	ug/L	<0.35	1.0	07/28/23 10:17	
Naphthalene	ug/L	<1.9	5.0	07/28/23 10:17	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/28/23 10:17	
sec-Butylbenzene	ug/L	<0.42	1.0	07/28/23 10:17	
Styrene	ug/L	<0.36	1.0	07/28/23 10:17	
tert-Butylbenzene	ug/L	<0.59	1.0	07/28/23 10:17	
Tetrachloroethene	ug/L	<0.41	1.0	07/28/23 10:17	
Toluene	ug/L	<0.29	1.0	07/28/23 10:17	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/28/23 10:17	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	07/28/23 10:17	
Trichloroethene	ug/L	<0.32	1.0	07/28/23 10:17	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/28/23 10:17	
Vinyl chloride	ug/L	<0.17	1.0	07/28/23 10:17	
Xylene (Total)	ug/L	<1.0	3.0	07/28/23 10:17	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	07/28/23 10:17	
4-Bromofluorobenzene (S)	%	100	70-130	07/28/23 10:17	
Toluene-d8 (S)	%	103	70-130	07/28/23 10:17	

LABORATORY CONTROL SAMPLE: 2590511

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	46.2	92	69-130	
1,1,2-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethene	ug/L	50	60.7	121	74-131	
1,2,4-Trichlorobenzene	ug/L	50	43.1	86	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.9	82	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	49.1	98	70-130	
1,2-Dichlorobenzene	ug/L	50	47.9	96	70-130	
1,2-Dichloroethane	ug/L	50	51.0	102	70-137	
1,2-Dichloropropane	ug/L	50	51.0	102	80-121	
1,3-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,4-Dichlorobenzene	ug/L	50	48.0	96	70-130	
Benzene	ug/L	50	52.3	105	70-130	
Bromodichloromethane	ug/L	50	51.0	102	70-130	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

LABORATORY CONTROL SAMPLE: 2590511

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	51.8	104	70-130	
Bromomethane	ug/L	50	54.9	110	21-147	
Carbon tetrachloride	ug/L	50	53.9	108	80-146	
Chlorobenzene	ug/L	50	53.4	107	70-130	
Chloroethane	ug/L	50	58.1	116	52-165	
Chloroform	ug/L	50	53.2	106	80-123	
Chloromethane	ug/L	50	55.4	111	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Dibromochloromethane	ug/L	50	52.1	104	70-130	
Dichlorodifluoromethane	ug/L	50	50.1	100	25-121	
Ethylbenzene	ug/L	50	53.2	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	50.1	100	70-130	
Methyl-tert-butyl ether	ug/L	50	51.9	104	70-130	
Methylene Chloride	ug/L	50	56.3	113	70-130	
Styrene	ug/L	50	62.1	124	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	53.1	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.7	111	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Trichloroethene	ug/L	50	51.9	104	70-130	
Trichlorofluoromethane	ug/L	50	61.7	123	65-160	
Vinyl chloride	ug/L	50	59.3	119	63-134	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590593 2590594

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265783002	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	53.0	53.4	106	107	70-134	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.7	50.3	95	101	61-135	5	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.7	52.0	103	104	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	52.6	54.1	105	108	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	62.0	63.5	124	127	71-130	2	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.5	47.4	91	95	68-131	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	41.3	42.3	83	85	51-141	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	49.1	49.6	98	99	70-130	1	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.0	52.4	100	105	70-130	5	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	49.2	51.1	98	102	70-137	4	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	50.9	53.1	102	106	80-121	4	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.3	55.1	107	110	70-130	3	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590593 2590594												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40265783002 Result	Spike Conc.	Spike Conc.	MS Result							
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.8	51.9	100	104	70-130	4	20	
Benzene	ug/L	<0.30	50	50	51.2	53.4	102	107	70-130	4	20	
Bromodichloromethane	ug/L	<0.42	50	50	50.3	52.9	101	106	70-130	5	20	
Bromoform	ug/L	<0.43	50	50	52.8	54.5	106	109	70-133	3	20	
Bromomethane	ug/L	<1.2	50	50	59.2	59.5	118	119	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	53.5	54.6	107	109	80-146	2	20	
Chlorobenzene	ug/L	<0.86	50	50	53.3	54.7	107	109	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	60.7	59.2	121	118	52-165	3	20	
Chloroform	ug/L	<0.50	50	50	52.7	53.8	105	108	80-123	2	20	
Chloromethane	ug/L	<1.6	50	50	54.3	55.8	109	112	42-125	3	20	
cis-1,2-Dichloroethene	ug/L	7.9	50	50	59.4	60.7	103	106	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	49.4	51.7	99	103	70-130	5	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.1	52.7	104	105	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	46.3	46.3	93	93	25-121	0	20	
Ethylbenzene	ug/L	<0.33	50	50	53.7	53.8	107	108	80-121	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	50.7	50.1	101	100	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	51.1	54.0	102	108	70-130	6	20	
Methylene Chloride	ug/L	<0.32	50	50	60.5	59.4	121	119	70-130	2	20	
Styrene	ug/L	<0.36	50	50	60.9	62.8	122	126	70-132	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	54.7	52.5	109	105	70-130	4	20	
Toluene	ug/L	<0.29	50	50	53.1	53.1	106	106	80-120	0	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.4	56.5	109	113	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	47.0	48.2	94	96	70-130	2	20	
Trichloroethene	ug/L	<0.32	50	50	50.8	52.5	102	105	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	63.4	61.4	127	123	65-160	3	20	
Vinyl chloride	ug/L	7.4	50	50	64.4	67.0	114	119	60-137	4	20	
Xylene (Total)	ug/L	<1.0	150	150	160	158	106	105	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						103	103	70-130			

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch: 450895

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40265783011, 40265783012, 40265783013, 40265783014, 40265783015, 40265783016, 40265783017, 40265783018, 40265783019, 40265783020, 40265783021, 40265783022, 40265783023, 40265783024, 40265783025, 40265783026, 40265783027

METHOD BLANK: 2590512

Matrix: Water

Associated Lab Samples: 40265783011, 40265783012, 40265783013, 40265783014, 40265783015, 40265783016, 40265783017, 40265783018, 40265783019, 40265783020, 40265783021, 40265783022, 40265783023, 40265783024, 40265783025, 40265783026, 40265783027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/28/23 08:35	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/28/23 08:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/28/23 08:35	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	07/28/23 08:35	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/28/23 08:35	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/28/23 08:35	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/28/23 08:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/28/23 08:35	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	07/28/23 08:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/28/23 08:35	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/28/23 08:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/28/23 08:35	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/28/23 08:35	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/28/23 08:35	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/28/23 08:35	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/28/23 08:35	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/28/23 08:35	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/28/23 08:35	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/28/23 08:35	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/28/23 08:35	
2,2-Dichloropropane	ug/L	<0.42	1.0	07/28/23 08:35	
2-Chlorotoluene	ug/L	<0.89	5.0	07/28/23 08:35	
4-Chlorotoluene	ug/L	<0.89	5.0	07/28/23 08:35	
Benzene	ug/L	<0.30	1.0	07/28/23 08:35	
Bromobenzene	ug/L	<0.36	1.0	07/28/23 08:35	
Bromochloromethane	ug/L	<0.36	1.0	07/28/23 08:35	
Bromodichloromethane	ug/L	<0.42	1.0	07/28/23 08:35	
Bromoform	ug/L	<0.43	1.0	07/28/23 08:35	
Bromomethane	ug/L	<1.2	5.0	07/28/23 08:35	
Carbon tetrachloride	ug/L	<0.37	1.0	07/28/23 08:35	
Chlorobenzene	ug/L	<0.86	1.0	07/28/23 08:35	
Chloroethane	ug/L	<1.4	5.0	07/28/23 08:35	
Chloroform	ug/L	<0.50	5.0	07/28/23 08:35	
Chloromethane	ug/L	<1.6	5.0	07/28/23 08:35	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/28/23 08:35	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	07/28/23 08:35	
Dibromochloromethane	ug/L	<2.6	5.0	07/28/23 08:35	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

METHOD BLANK: 2590512

Matrix: Water

Associated Lab Samples: 40265783011, 40265783012, 40265783013, 40265783014, 40265783015, 40265783016, 40265783017, 40265783018, 40265783019, 40265783020, 40265783021, 40265783022, 40265783023, 40265783024, 40265783025, 40265783026, 40265783027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	07/28/23 08:35	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/28/23 08:35	
Diisopropyl ether	ug/L	<1.1	5.0	07/28/23 08:35	
Ethylbenzene	ug/L	<0.33	1.0	07/28/23 08:35	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/28/23 08:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/28/23 08:35	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/28/23 08:35	
Methylene Chloride	ug/L	<0.32	5.0	07/28/23 08:35	
n-Butylbenzene	ug/L	<0.86	1.0	07/28/23 08:35	
n-Propylbenzene	ug/L	<0.35	1.0	07/28/23 08:35	
Naphthalene	ug/L	<1.9	5.0	07/28/23 08:35	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/28/23 08:35	
sec-Butylbenzene	ug/L	<0.42	1.0	07/28/23 08:35	
Styrene	ug/L	<0.36	1.0	07/28/23 08:35	
tert-Butylbenzene	ug/L	<0.59	1.0	07/28/23 08:35	
Tetrachloroethene	ug/L	<0.41	1.0	07/28/23 08:35	
Toluene	ug/L	<0.29	1.0	07/28/23 08:35	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/28/23 08:35	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	07/28/23 08:35	
Trichloroethene	ug/L	<0.32	1.0	07/28/23 08:35	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/28/23 08:35	
Vinyl chloride	ug/L	<0.17	1.0	07/28/23 08:35	
Xylene (Total)	ug/L	<1.0	3.0	07/28/23 08:35	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	07/28/23 08:35	
4-Bromofluorobenzene (S)	%	99	70-130	07/28/23 08:35	
Toluene-d8 (S)	%	101	70-130	07/28/23 08:35	

LABORATORY CONTROL SAMPLE: 2590513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.3	111	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	69-130	
1,1,2-Trichloroethane	ug/L	50	46.0	92	70-130	
1,1-Dichloroethane	ug/L	50	54.3	109	70-130	
1,1-Dichloroethene	ug/L	50	53.6	107	74-131	
1,2,4-Trichlorobenzene	ug/L	50	45.1	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.0	92	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.0	92	70-130	
1,2-Dichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dichloroethane	ug/L	50	51.3	103	70-137	
1,2-Dichloropropane	ug/L	50	51.2	102	80-121	
1,3-Dichlorobenzene	ug/L	50	54.9	110	70-130	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

LABORATORY CONTROL SAMPLE: 2590513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
Benzene	ug/L	50	51.5	103	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	48.6	97	70-130	
Bromomethane	ug/L	50	41.7	83	21-147	
Carbon tetrachloride	ug/L	50	53.3	107	80-146	
Chlorobenzene	ug/L	50	54.0	108	70-130	
Chloroethane	ug/L	50	55.2	110	52-165	
Chloroform	ug/L	50	54.1	108	80-123	
Chloromethane	ug/L	50	67.2	134	51-122	L1
cis-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.3	93	70-130	
Dibromochloromethane	ug/L	50	44.8	90	70-130	
Dichlorodifluoromethane	ug/L	50	71.3	143	25-121	L1
Ethylbenzene	ug/L	50	56.2	112	80-120	
Isopropylbenzene (Cumene)	ug/L	50	55.4	111	70-130	
Methyl-tert-butyl ether	ug/L	50	47.0	94	70-130	
Methylene Chloride	ug/L	50	47.8	96	70-130	
Styrene	ug/L	50	63.7	127	70-130	
Tetrachloroethene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	52.9	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.0	108	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Trichloroethene	ug/L	50	52.4	105	70-130	
Trichlorofluoromethane	ug/L	50	59.2	118	65-160	
Vinyl chloride	ug/L	50	60.0	120	63-134	
Xylene (Total)	ug/L	150	167	112	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590589 2590590

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265769001 Result	Spike Conc.	Spike Conc.	MS Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	56.1	55.0	112	110	70-134	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	51.5	51.6	103	103	61-135	0	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.7	47.8	99	96	70-130	4	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	55.1	53.9	110	108	70-130	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	54.2	53.8	108	108	71-130	1	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.0	45.2	94	90	68-131	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50.0	52.3	100	105	51-141	5	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.0	45.9	94	92	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	53.6	52.4	107	105	70-130	2	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590589 2590590												
Parameter	Units	40265769001		MS	MSD	2590589		2590590		% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
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	51.5	50.5	103	101	80-121	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	55.1	54.6	110	109	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	51.9	51.5	104	103	70-130	1	20	
Benzene	ug/L	<0.30	50	50	52.3	51.2	105	102	70-130	2	20	
Bromodichloromethane	ug/L	<0.42	50	50	48.2	48.7	96	97	70-130	1	20	
Bromoform	ug/L	<0.43	50	50	50.9	51.0	102	102	70-133	0	20	
Bromomethane	ug/L	<1.2	50	50	49.0	49.0	98	98	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	54.2	52.5	108	105	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	55.9	53.8	112	108	70-130	4	20	
Chloroethane	ug/L	<1.4	50	50	55.4	52.9	111	106	52-165	5	20	
Chloroform	ug/L	<0.50	50	50	54.7	54.1	109	108	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	68.0	64.9	136	130	42-125	5	20	M0
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.2	51.8	104	104	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	47.7	46.6	95	93	70-130	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	47.6	46.3	95	93	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	68.8	67.4	138	135	25-121	2	20	M0
Ethylbenzene	ug/L	<0.33	50	50	58.1	56.7	116	113	80-121	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	57.1	56.0	114	112	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	48.4	48.2	97	96	70-130	0	20	
Methylene Chloride	ug/L	<0.32	50	50	53.4	52.1	107	104	70-130	3	20	
Styrene	ug/L	<0.36	50	50	66.6	64.0	133	128	70-132	4	20	M1
Tetrachloroethene	ug/L	<0.41	50	50	56.0	54.5	112	109	70-130	3	20	
Toluene	ug/L	<0.29	50	50	55.2	53.8	110	108	80-120	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.3	53.0	109	106	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	47.2	45.1	94	90	70-130	4	20	
Trichloroethene	ug/L	<0.32	50	50	52.7	52.4	105	105	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	59.9	57.8	120	116	65-160	4	20	
Vinyl chloride	ug/L	<0.17	50	50	61.6	59.1	123	118	60-137	4	20	
Xylene (Total)	ug/L	<1.0	150	150	176	171	117	114	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						101	104	70-130			
Toluene-d8 (S)	%						104	103	70-130			

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch: 450896

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40265783028, 40265783029, 40265783030, 40265783031, 40265783032, 40265783033, 40265783034, 40265783035, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783044, 40265783045, 40265783046, 40265783047

METHOD BLANK: 2590514

Matrix: Water

Associated Lab Samples: 40265783028, 40265783029, 40265783030, 40265783031, 40265783032, 40265783033, 40265783034, 40265783035, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783044, 40265783045, 40265783046, 40265783047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	08/03/23 11:40	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	08/03/23 11:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	08/03/23 11:40	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	08/03/23 11:40	
1,1-Dichloroethane	ug/L	<0.30	1.0	08/03/23 11:40	
1,1-Dichloroethene	ug/L	<0.58	1.0	08/03/23 11:40	
1,1-Dichloropropene	ug/L	<0.41	1.0	08/03/23 11:40	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	08/03/23 11:40	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	08/03/23 11:40	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/03/23 11:40	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/03/23 11:40	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	08/03/23 11:40	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	08/03/23 11:40	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	08/03/23 11:40	
1,2-Dichloroethane	ug/L	<0.29	1.0	08/03/23 11:40	
1,2-Dichloropropane	ug/L	<0.45	1.0	08/03/23 11:40	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/03/23 11:40	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	08/03/23 11:40	
1,3-Dichloropropane	ug/L	<0.30	1.0	08/03/23 11:40	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	08/03/23 11:40	
2,2-Dichloropropane	ug/L	<0.42	1.0	08/03/23 11:40	
2-Chlorotoluene	ug/L	<0.89	5.0	08/03/23 11:40	
4-Chlorotoluene	ug/L	<0.89	5.0	08/03/23 11:40	
Benzene	ug/L	<0.30	1.0	08/03/23 11:40	
Bromobenzene	ug/L	<0.36	1.0	08/03/23 11:40	
Bromochloromethane	ug/L	<0.36	1.0	08/03/23 11:40	
Bromodichloromethane	ug/L	<0.42	1.0	08/03/23 11:40	
Bromoform	ug/L	<0.43	1.0	08/03/23 11:40	
Bromomethane	ug/L	<1.2	5.0	08/03/23 11:40	
Carbon tetrachloride	ug/L	<0.37	1.0	08/03/23 11:40	
Chlorobenzene	ug/L	<0.86	1.0	08/03/23 11:40	
Chloroethane	ug/L	<1.4	5.0	08/03/23 11:40	
Chloroform	ug/L	<0.50	5.0	08/03/23 11:40	
Chloromethane	ug/L	<1.6	5.0	08/03/23 11:40	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/03/23 11:40	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	08/03/23 11:40	
Dibromochloromethane	ug/L	<2.6	5.0	08/03/23 11:40	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

METHOD BLANK: 2590514

Matrix: Water

Associated Lab Samples: 40265783028, 40265783029, 40265783030, 40265783031, 40265783032, 40265783033, 40265783034, 40265783035, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783044, 40265783045, 40265783046, 40265783047

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	08/03/23 11:40	
Dichlorodifluoromethane	ug/L	<0.46	5.0	08/03/23 11:40	
Diisopropyl ether	ug/L	<1.1	5.0	08/03/23 11:40	
Ethylbenzene	ug/L	<0.33	1.0	08/03/23 11:40	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	08/03/23 11:40	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	08/03/23 11:40	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	08/03/23 11:40	
Methylene Chloride	ug/L	<0.32	5.0	08/03/23 11:40	
n-Butylbenzene	ug/L	<0.86	1.0	08/03/23 11:40	
n-Propylbenzene	ug/L	<0.35	1.0	08/03/23 11:40	
Naphthalene	ug/L	<1.9	5.0	08/03/23 11:40	
p-Isopropyltoluene	ug/L	<1.0	5.0	08/03/23 11:40	
sec-Butylbenzene	ug/L	<0.42	1.0	08/03/23 11:40	
Styrene	ug/L	<0.36	1.0	08/03/23 11:40	
tert-Butylbenzene	ug/L	<0.59	1.0	08/03/23 11:40	
Tetrachloroethene	ug/L	<0.41	1.0	08/03/23 11:40	
Toluene	ug/L	<0.29	1.0	08/03/23 11:40	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	08/03/23 11:40	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	08/03/23 11:40	
Trichloroethene	ug/L	<0.32	1.0	08/03/23 11:40	
Trichlorofluoromethane	ug/L	<0.42	1.0	08/03/23 11:40	
Vinyl chloride	ug/L	<0.17	1.0	08/03/23 11:40	
Xylene (Total)	ug/L	<1.0	3.0	08/03/23 11:40	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	08/03/23 11:40	
4-Bromofluorobenzene (S)	%	103	70-130	08/03/23 11:40	
Toluene-d8 (S)	%	100	70-130	08/03/23 11:40	

LABORATORY CONTROL SAMPLE: 2590515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.7	113	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	55.6	111	69-130	
1,1,2-Trichloroethane	ug/L	50	48.3	97	70-130	
1,1-Dichloroethane	ug/L	50	56.8	114	70-130	
1,1-Dichloroethene	ug/L	50	52.9	106	74-131	
1,2,4-Trichlorobenzene	ug/L	50	52.1	104	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.2	104	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.0	96	70-130	
1,2-Dichlorobenzene	ug/L	50	57.0	114	70-130	
1,2-Dichloroethane	ug/L	50	54.0	108	70-137	
1,2-Dichloropropane	ug/L	50	54.5	109	80-121	
1,3-Dichlorobenzene	ug/L	50	59.5	119	70-130	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

LABORATORY CONTROL SAMPLE: 2590515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	55.1	110	70-130	
Benzene	ug/L	50	54.6	109	70-130	
Bromodichloromethane	ug/L	50	50.7	101	70-130	
Bromoform	ug/L	50	50.6	101	70-130	
Bromomethane	ug/L	50	35.5	71	21-147	
Carbon tetrachloride	ug/L	50	54.7	109	80-146	
Chlorobenzene	ug/L	50	57.4	115	70-130	
Chloroethane	ug/L	50	45.3	91	52-165	
Chloroform	ug/L	50	56.4	113	80-123	
Chloromethane	ug/L	50	51.6	103	51-122	
cis-1,2-Dichloroethene	ug/L	50	55.8	112	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Dibromochloromethane	ug/L	50	47.3	95	70-130	
Dichlorodifluoromethane	ug/L	50	39.4	79	25-121	
Ethylbenzene	ug/L	50	60.8	122	80-120	L1
Isopropylbenzene (Cumene)	ug/L	50	58.4	117	70-130	
Methyl-tert-butyl ether	ug/L	50	51.2	102	70-130	
Methylene Chloride	ug/L	50	53.5	107	70-130	
Styrene	ug/L	50	69.8	140	70-130	L1
Tetrachloroethene	ug/L	50	56.8	114	70-130	
Toluene	ug/L	50	57.1	114	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.6	111	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.0	92	70-130	
Trichloroethene	ug/L	50	54.5	109	70-130	
Trichlorofluoromethane	ug/L	50	54.5	109	65-160	
Vinyl chloride	ug/L	50	50.0	100	63-134	
Xylene (Total)	ug/L	150	181	120	70-130	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593346 2593347

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265783045	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	62.7	57.1	125	114	70-134	9	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	64.2	56.4	128	113	61-135	13	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	54.3	48.8	109	98	70-130	11	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	60.5	54.4	121	109	70-130	11	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	56.6	52.7	113	105	71-130	7	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	56.9	50.8	114	102	68-131	12	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	65.7	60.3	131	121	51-141	9	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	53.7	48.0	107	96	70-130	11	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	61.6	55.3	123	111	70-130	11	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

Parameter	Units	2593346		2593347		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265783045 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloroethane	ug/L	<0.29	50	50	60.7	53.4	121	107	70-137	13	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	58.6	52.4	117	105	80-121	11	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	64.5	58.1	129	116	70-130	10	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	60.1	55.5	120	111	70-130	8	20		
Benzene	ug/L	1.1	50	50	59.9	54.3	118	106	70-130	10	20		
Bromodichloromethane	ug/L	<0.42	50	50	55.6	49.6	111	99	70-130	11	20		
Bromoform	ug/L	<0.43	50	50	56.3	51.1	113	102	70-133	10	20		
Bromomethane	ug/L	<1.2	50	50	43.4	40.0	87	80	21-149	8	22		
Carbon tetrachloride	ug/L	<0.37	50	50	60.1	54.1	120	108	80-146	11	20		
Chlorobenzene	ug/L	<0.86	50	50	63.8	56.4	128	113	70-130	12	20		
Chloroethane	ug/L	<1.4	50	50	49.8	43.8	100	88	52-165	13	20		
Chloroform	ug/L	<0.50	50	50	61.6	55.0	123	110	80-123	11	20		
Chloromethane	ug/L	<1.6	50	50	66.1	57.1	132	114	42-125	15	20	M1	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	61.3	54.9	123	110	70-130	11	20		
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	54.0	48.9	108	98	70-130	10	20		
Dibromochloromethane	ug/L	<2.6	50	50	52.7	47.8	105	96	70-130	10	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	42.1	37.3	84	75	25-121	12	20		
Ethylbenzene	ug/L	<0.33	50	50	67.7	59.5	135	119	80-121	13	20	M0	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	64.1	57.6	128	115	70-130	11	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	56.4	50.3	113	101	70-130	12	20		
Methylene Chloride	ug/L	<0.32	50	50	58.4	52.0	117	104	70-130	12	20		
Styrene	ug/L	<0.36	50	50	75.9	67.9	152	136	70-132	11	20	M0	
Tetrachloroethene	ug/L	<0.41	50	50	61.1	53.6	122	107	70-130	13	20		
Toluene	ug/L	0.74J	50	50	63.7	56.6	126	112	80-120	12	20	M1	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	61.3	55.9	123	112	70-130	9	20		
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	51.6	47.5	103	95	70-130	8	20		
Trichloroethene	ug/L	<0.32	50	50	60.2	54.1	120	108	70-130	11	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	57.8	52.7	116	105	65-160	9	20		
Vinyl chloride	ug/L	<0.17	50	50	54.8	48.4	110	97	60-137	12	20		
Xylene (Total)	ug/L	<1.0	150	150	197	174	131	116	70-130	12	20	MS	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130				
4-Bromofluorobenzene (S)	%						106	108	70-130				
Toluene-d8 (S)	%						102	103	70-130				

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451049	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:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

METHOD BLANK:	2591884	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	07/31/23 13:02	

LABORATORY CONTROL SAMPLE:	2591885					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	44.8	42.4	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2591886			2591887								
Parameter	Units	40265783002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.2	44.8	44.8	32.8	31.6	73	70	80-120	4	10	M0

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451153	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: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

METHOD BLANK: 2592191 Matrix: Water
 Associated Lab Samples: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	08/01/23 10:32	

LABORATORY CONTROL SAMPLE: 2592192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.4	44.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2592193 2592194

Parameter	Units	2592193		2592194		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Sulfide	mg/L	<1.2	46.4	30.4	27.6	66	59	80-120	10	10	M0

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450862	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:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783015		

METHOD BLANK:	2590288	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783015		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	07/28/23 12:03	
Sulfate	mg/L	<0.44	2.0	07/28/23 12:03	

LABORATORY CONTROL SAMPLE: 2590289

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.8	99	90-110	
Sulfate	mg/L	20	19.8	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590290 2590291

Parameter	Units	40265738001		2590291		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	59.4	400	523	456	116	99	90-110	14	15	M0
Sulfate	mg/L	9.2J	400	479	405	117	99	90-110	17	15	M0,R1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2590292 2590293

Parameter	Units	40265739002		2590293		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chloride	mg/L	473	400	916	919	111	112	90-110	0	15	M0
Sulfate	mg/L	13.7J	400	449	451	109	109	90-110	0	15	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450909	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:	40265783013, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

METHOD BLANK:	2590552	Matrix:	Water
Associated Lab Samples:	40265783013, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	08/02/23 18:03	
Sulfate	mg/L	<0.44	2.0	08/02/23 18:03	

LABORATORY CONTROL SAMPLE:	2590553					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.7	108	90-110	
Sulfate	mg/L	20	21.7	109	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2590554			2590555								
Parameter	Units	40265783013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	23.7	200	200	240	241	108	109	90-110	1	15	
Sulfate	mg/L	44.8	200	200	262	263	108	109	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2590556			2590557								
Parameter	Units	40265717001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	525	400	400	968	953	111	107	90-110	2	15 M0	
Sulfate	mg/L	534	400	400	980	963	111	107	90-110	2	15 M0	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451476	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:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034		

METHOD BLANK:	2593931	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/04/23 11:42	

LABORATORY CONTROL SAMPLE:	2593932					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	102	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2593933			2593934								
Parameter	Units	40265099001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	111	200	200	326	329	108	109	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2593935			2593936								
Parameter	Units	40265783034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	693	500	500	1240	1220	109	106	90-110	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451477	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:	40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

METHOD BLANK:	2593937	Matrix:	Water
Associated Lab Samples:	40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/04/23 12:15	

LABORATORY CONTROL SAMPLE: 2593938						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	107	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593939												2593940	
Parameter	Units	40265783036 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Alkalinity, Total as CaCO3	mg/L	348	200	200	557	552	104	102	90-110	1	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593941												2593942	
Parameter	Units	40265768003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Alkalinity, Total as CaCO3	mg/L	243	200	200	461	458	109	108	90-110	1	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451461	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:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011		

METHOD BLANK:	2593856	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	08/04/23 07:47	

LABORATORY CONTROL SAMPLE: 2593857						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	471	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593858												2593859	
Parameter	Units	40265783002 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	512	519	93	95	90-110	1	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593860												2593861	
Parameter	Units	40265783003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Chemical Oxygen Demand	mg/L	25.4J	526	526	527	523	95	95	90-110	1	10		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	451462	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:	40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

METHOD BLANK:	2593862	Matrix:	Water
Associated Lab Samples:	40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039, 40265783040, 40265783041, 40265783042, 40265783043, 40265783045		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	08/04/23 07:51	

LABORATORY CONTROL SAMPLE:	2593863					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	478	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2593864			2593865								
Parameter	Units	40265783012 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	188	526	526	726	708	102	99	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2593866			2593867								
Parameter	Units	40265783013 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	519	519	97	97	90-110	0	10	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450991	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

METHOD BLANK:	2591752	Matrix:	Water
Associated Lab Samples:	40265783002, 40265783003, 40265783007, 40265783008, 40265783009, 40265783010, 40265783011, 40265783012, 40265783013, 40265783015, 40265783016, 40265783022, 40265783023, 40265783031, 40265783032, 40265783034, 40265783036, 40265783037, 40265783038, 40265783039		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.15J	0.50	07/31/23 06:19	

LABORATORY CONTROL SAMPLE:	2591753					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.5	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2591754			2591755								
Parameter	Units	40265783002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.8	12	12	14.4	14.6	97	98	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	2591756			2591757								
Parameter	Units	40265783003 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	7.4	7.7	85	90	80-120	4	10	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265783

QC Batch:	450992	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

METHOD BLANK: 2591758 Matrix: Water
 Associated Lab Samples: 40265783040, 40265783041, 40265783042, 40265783043, 40265783045

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.16J	0.50	07/31/23 14:04	

LABORATORY CONTROL SAMPLE: 2591759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.7	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2591760 2591761

Parameter	Units	10662879001		2591760		2591761		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Total Organic Carbon	mg/L	0.15J	6	6	5.9	5.9	96	96	80-120	0	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2591762 2591763

Parameter	Units	10662879002		2591762		2591763		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Total Organic Carbon	mg/L	0.17J	6	6	5.9	5.9	95	95	80-120	1	10		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: 60705270 KEP

Pace Project No.: 40265783

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 40265783

[1] Revised report to update field ID for 40265783-045 to MW-2101 per client. 8/14/23 CDH

ANALYTE QUALIFIERS

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).

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

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.

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265783002	MW-2110	EPA 8015B Modified	451031		
40265783003	PZ-2110	EPA 8015B Modified	451031		
40265783007	MW-65	EPA 8015B Modified	451031		
40265783008	MW-2301	EPA 8015B Modified	451031		
40265783009	PZ-2301	EPA 8015B Modified	451031		
40265783010	MW-2114	EPA 8015B Modified	451031		
40265783011	PZ-2114	EPA 8015B Modified	451031		
40265783012	MW-2301 DUP	EPA 8015B Modified	451031		
40265783013	PZ-2301 DUP	EPA 8015B Modified	451031		
40265783015	MW-2303	EPA 8015B Modified	451031		
40265783016	PZ-2303	EPA 8015B Modified	451031		
40265783022	MW-82	EPA 8015B Modified	451031		
40265783023	MW-82 DUP	EPA 8015B Modified	451031		
40265783031	MW-31	EPA 8015B Modified	451031		
40265783032	MW-2106	EPA 8015B Modified	451031		
40265783034	MW-2107	EPA 8015B Modified	451264		
40265783036	PZ-2107	EPA 8015B Modified	451264		
40265783037	MW-2201	EPA 8015B Modified	451264		
40265783038	MW-2201 DUP	EPA 8015B Modified	451264		
40265783039	MW-61	EPA 8015B Modified	451264		
40265783040	PZ-61	EPA 8015B Modified	451264		
40265783041	MW-2112	EPA 8015B Modified	451264		
40265783042	PZ-2112	EPA 8015B Modified	451264		
40265783043	MW-2113	EPA 8015B Modified	451264		
40265783045	MW-2101	EPA 8015B Modified	451264		
40265783002	MW-2110	EPA 3010A	450886	EPA 6020B	450962
40265783003	PZ-2110	EPA 3010A	450886	EPA 6020B	450962
40265783007	MW-65	EPA 3010A	450886	EPA 6020B	450962
40265783008	MW-2301	EPA 3010A	450886	EPA 6020B	450962
40265783009	PZ-2301	EPA 3010A	450886	EPA 6020B	450962
40265783010	MW-2114	EPA 3010A	450886	EPA 6020B	450962
40265783011	PZ-2114	EPA 3010A	450886	EPA 6020B	450962
40265783012	MW-2301 DUP	EPA 3010A	450886	EPA 6020B	450962
40265783013	PZ-2301 DUP	EPA 3010A	450886	EPA 6020B	450962
40265783015	MW-2303	EPA 3010A	450886	EPA 6020B	450962
40265783016	PZ-2303	EPA 3010A	450886	EPA 6020B	450962
40265783022	MW-82	EPA 3010A	450886	EPA 6020B	450962
40265783023	MW-82 DUP	EPA 3010A	450886	EPA 6020B	450962
40265783031	MW-31	EPA 3010A	450886	EPA 6020B	450962
40265783032	MW-2106	EPA 3010A	450886	EPA 6020B	450962
40265783034	MW-2107	EPA 3010A	450886	EPA 6020B	450962
40265783036	PZ-2107	EPA 3010A	450886	EPA 6020B	450962
40265783037	MW-2201	EPA 3010A	450886	EPA 6020B	450962
40265783038	MW-2201 DUP	EPA 3010A	450886	EPA 6020B	450962
40265783039	MW-61	EPA 3010A	450886	EPA 6020B	450962
40265783040	PZ-61	EPA 3010A	450891	EPA 6020B	450965
40265783041	MW-2112	EPA 3010A	450891	EPA 6020B	450965

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265783042	PZ-2112	EPA 3010A	450891	EPA 6020B	450965
40265783043	MW-2113	EPA 3010A	450891	EPA 6020B	450965
40265783045	MW-2101	EPA 3010A	450891	EPA 6020B	450965
40265783002	MW-2110	EPA 3010A	450890	EPA 6020B	450963
40265783003	PZ-2110	EPA 3010A	450890	EPA 6020B	450963
40265783007	MW-65	EPA 3010A	450890	EPA 6020B	450963
40265783008	MW-2301	EPA 3010A	450890	EPA 6020B	450963
40265783009	PZ-2301	EPA 3010A	450890	EPA 6020B	450963
40265783010	MW-2114	EPA 3010A	450890	EPA 6020B	450963
40265783011	PZ-2114	EPA 3010A	450890	EPA 6020B	450963
40265783012	MW-2301 DUP	EPA 3010A	450890	EPA 6020B	450963
40265783013	PZ-2301 DUP	EPA 3010A	450890	EPA 6020B	450963
40265783015	MW-2303	EPA 3010A	450890	EPA 6020B	450963
40265783016	PZ-2303	EPA 3010A	450890	EPA 6020B	450963
40265783022	MW-82	EPA 3010A	450890	EPA 6020B	450963
40265783023	MW-82 DUP	EPA 3010A	450890	EPA 6020B	450963
40265783031	MW-31	EPA 3010A	450890	EPA 6020B	450963
40265783032	MW-2106	EPA 3010A	450890	EPA 6020B	450963
40265783034	MW-2107	EPA 3010A	450890	EPA 6020B	450963
40265783036	PZ-2107	EPA 3010A	450890	EPA 6020B	450963
40265783037	MW-2201	EPA 3010A	450890	EPA 6020B	450963
40265783038	MW-2201 DUP	EPA 3010A	450890	EPA 6020B	450963
40265783039	MW-61	EPA 3010A	450890	EPA 6020B	450963
40265783040	PZ-61	EPA 3010A	450892	EPA 6020B	450966
40265783041	MW-2112	EPA 3010A	450892	EPA 6020B	450966
40265783042	PZ-2112	EPA 3010A	450892	EPA 6020B	450966
40265783043	MW-2113	EPA 3010A	450892	EPA 6020B	450966
40265783045	MW-2101	EPA 3010A	450892	EPA 6020B	450966
40265783001	TB-01	EPA 8260	450894		
40265783002	MW-2110	EPA 8260	450894		
40265783003	PZ-2110	EPA 8260	450894		
40265783004	MW-2302	EPA 8260	450894		
40265783005	PZ-2302	EPA 8260	450894		
40265783006	MW-2108	EPA 8260	450894		
40265783007	MW-65	EPA 8260	450894		
40265783008	MW-2301	EPA 8260	450894		
40265783009	PZ-2301	EPA 8260	450894		
40265783010	MW-2114	EPA 8260	450894		
40265783011	PZ-2114	EPA 8260	450895		
40265783012	MW-2301 DUP	EPA 8260	450895		
40265783013	PZ-2301 DUP	EPA 8260	450895		
40265783014	MW-2104	EPA 8260	450895		
40265783015	MW-2303	EPA 8260	450895		
40265783016	PZ-2303	EPA 8260	450895		
40265783017	MW-2109	EPA 8260	450895		
40265783018	PZ-2109	EPA 8260	450895		
40265783019	MW-79	EPA 8260	450895		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265783020	MW-80	EPA 8260	450895		
40265783021	MW-81	EPA 8260	450895		
40265783022	MW-82	EPA 8260	450895		
40265783023	MW-82 DUP	EPA 8260	450895		
40265783024	PZ-82	EPA 8260	450895		
40265783025	MW-108	EPA 8260	450895		
40265783026	MW-44	EPA 8260	450895		
40265783027	PZ-2203	EPA 8260	450895		
40265783028	MW-2203	EPA 8260	450896		
40265783029	MW-2105	EPA 8260	450896		
40265783030	PZ-2105	EPA 8260	450896		
40265783031	MW-31	EPA 8260	450896		
40265783032	MW-2106	EPA 8260	450896		
40265783033	MW-2202	EPA 8260	450896		
40265783034	MW-2107	EPA 8260	450896		
40265783035	PZ-2202	EPA 8260	450896		
40265783036	PZ-2107	EPA 8260	450896		
40265783037	MW-2201	EPA 8260	450896		
40265783038	MW-2201 DUP	EPA 8260	450896		
40265783039	MW-61	EPA 8260	450896		
40265783040	PZ-61	EPA 8260	450896		
40265783041	MW-2112	EPA 8260	450896		
40265783042	PZ-2112	EPA 8260	450896		
40265783043	MW-2113	EPA 8260	450896		
40265783044	PZ-118	EPA 8260	450896		
40265783045	MW-2101	EPA 8260	450896		
40265783046	MW-114	EPA 8260	450896		
40265783047	TB-02	EPA 8260	450896		
40265783002	MW-2110	SM 4500-S F (2000)	451049		
40265783003	PZ-2110	SM 4500-S F (2000)	451049		
40265783007	MW-65	SM 4500-S F (2000)	451049		
40265783008	MW-2301	SM 4500-S F (2000)	451049		
40265783009	PZ-2301	SM 4500-S F (2000)	451049		
40265783010	MW-2114	SM 4500-S F (2000)	451049		
40265783011	PZ-2114	SM 4500-S F (2000)	451049		
40265783012	MW-2301 DUP	SM 4500-S F (2000)	451049		
40265783013	PZ-2301 DUP	SM 4500-S F (2000)	451049		
40265783015	MW-2303	SM 4500-S F (2000)	451049		
40265783016	PZ-2303	SM 4500-S F (2000)	451049		
40265783022	MW-82	SM 4500-S F (2000)	451049		
40265783023	MW-82 DUP	SM 4500-S F (2000)	451049		
40265783031	MW-31	SM 4500-S F (2000)	451049		
40265783032	MW-2106	SM 4500-S F (2000)	451049		
40265783034	MW-2107	SM 4500-S F (2000)	451049		
40265783036	PZ-2107	SM 4500-S F (2000)	451049		
40265783037	MW-2201	SM 4500-S F (2000)	451049		
40265783038	MW-2201 DUP	SM 4500-S F (2000)	451049		
40265783039	MW-61	SM 4500-S F (2000)	451049		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265783040	PZ-61	SM 4500-S F (2000)	451153		
40265783041	MW-2112	SM 4500-S F (2000)	451153		
40265783042	PZ-2112	SM 4500-S F (2000)	451153		
40265783043	MW-2113	SM 4500-S F (2000)	451153		
40265783045	MW-2101	SM 4500-S F (2000)	451153		
40265783002	MW-2110	EPA 300.0	450862		
40265783003	PZ-2110	EPA 300.0	450862		
40265783007	MW-65	EPA 300.0	450862		
40265783008	MW-2301	EPA 300.0	450862		
40265783009	PZ-2301	EPA 300.0	450862		
40265783010	MW-2114	EPA 300.0	450862		
40265783011	PZ-2114	EPA 300.0	450862		
40265783012	MW-2301 DUP	EPA 300.0	450862		
40265783013	PZ-2301 DUP	EPA 300.0	450909		
40265783015	MW-2303	EPA 300.0	450862		
40265783016	PZ-2303	EPA 300.0	450909		
40265783022	MW-82	EPA 300.0	450909		
40265783023	MW-82 DUP	EPA 300.0	450909		
40265783031	MW-31	EPA 300.0	450909		
40265783032	MW-2106	EPA 300.0	450909		
40265783034	MW-2107	EPA 300.0	450909		
40265783036	PZ-2107	EPA 300.0	450909		
40265783037	MW-2201	EPA 300.0	450909		
40265783038	MW-2201 DUP	EPA 300.0	450909		
40265783039	MW-61	EPA 300.0	450909		
40265783040	PZ-61	EPA 300.0	450909		
40265783041	MW-2112	EPA 300.0	450909		
40265783042	PZ-2112	EPA 300.0	450909		
40265783043	MW-2113	EPA 300.0	450909		
40265783045	MW-2101	EPA 300.0	450909		
40265783002	MW-2110	EPA 310.2	451476		
40265783003	PZ-2110	EPA 310.2	451476		
40265783007	MW-65	EPA 310.2	451476		
40265783008	MW-2301	EPA 310.2	451476		
40265783009	PZ-2301	EPA 310.2	451476		
40265783010	MW-2114	EPA 310.2	451476		
40265783011	PZ-2114	EPA 310.2	451476		
40265783012	MW-2301 DUP	EPA 310.2	451476		
40265783013	PZ-2301 DUP	EPA 310.2	451476		
40265783015	MW-2303	EPA 310.2	451476		
40265783016	PZ-2303	EPA 310.2	451476		
40265783022	MW-82	EPA 310.2	451476		
40265783023	MW-82 DUP	EPA 310.2	451476		
40265783031	MW-31	EPA 310.2	451476		
40265783032	MW-2106	EPA 310.2	451476		
40265783034	MW-2107	EPA 310.2	451476		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265783036	PZ-2107	EPA 310.2	451477		
40265783037	MW-2201	EPA 310.2	451477		
40265783038	MW-2201 DUP	EPA 310.2	451477		
40265783039	MW-61	EPA 310.2	451477		
40265783040	PZ-61	EPA 310.2	451477		
40265783041	MW-2112	EPA 310.2	451477		
40265783042	PZ-2112	EPA 310.2	451477		
40265783043	MW-2113	EPA 310.2	451477		
40265783045	MW-2101	EPA 310.2	451477		
40265783002	MW-2110	EPA 410.4	451461	EPA 410.4	451483
40265783003	PZ-2110	EPA 410.4	451461	EPA 410.4	451483
40265783007	MW-65	EPA 410.4	451461	EPA 410.4	451483
40265783008	MW-2301	EPA 410.4	451461	EPA 410.4	451483
40265783009	PZ-2301	EPA 410.4	451461	EPA 410.4	451483
40265783010	MW-2114	EPA 410.4	451461	EPA 410.4	451483
40265783011	PZ-2114	EPA 410.4	451461	EPA 410.4	451483
40265783012	MW-2301 DUP	EPA 410.4	451462	EPA 410.4	451484
40265783013	PZ-2301 DUP	EPA 410.4	451462	EPA 410.4	451484
40265783015	MW-2303	EPA 410.4	451462	EPA 410.4	451484
40265783016	PZ-2303	EPA 410.4	451462	EPA 410.4	451484
40265783022	MW-82	EPA 410.4	451462	EPA 410.4	451484
40265783023	MW-82 DUP	EPA 410.4	451462	EPA 410.4	451484
40265783031	MW-31	EPA 410.4	451462	EPA 410.4	451484
40265783032	MW-2106	EPA 410.4	451462	EPA 410.4	451484
40265783034	MW-2107	EPA 410.4	451462	EPA 410.4	451484
40265783036	PZ-2107	EPA 410.4	451462	EPA 410.4	451484
40265783037	MW-2201	EPA 410.4	451462	EPA 410.4	451484
40265783038	MW-2201 DUP	EPA 410.4	451462	EPA 410.4	451484
40265783039	MW-61	EPA 410.4	451462	EPA 410.4	451484
40265783040	PZ-61	EPA 410.4	451462	EPA 410.4	451484
40265783041	MW-2112	EPA 410.4	451462	EPA 410.4	451484
40265783042	PZ-2112	EPA 410.4	451462	EPA 410.4	451484
40265783043	MW-2113	EPA 410.4	451462	EPA 410.4	451484
40265783045	MW-2101	EPA 410.4	451462	EPA 410.4	451484
40265783002	MW-2110	SM 5310C	450991		
40265783003	PZ-2110	SM 5310C	450991		
40265783007	MW-65	SM 5310C	450991		
40265783008	MW-2301	SM 5310C	450991		
40265783009	PZ-2301	SM 5310C	450991		
40265783010	MW-2114	SM 5310C	450991		
40265783011	PZ-2114	SM 5310C	450991		
40265783012	MW-2301 DUP	SM 5310C	450991		
40265783013	PZ-2301 DUP	SM 5310C	450991		
40265783015	MW-2303	SM 5310C	450991		
40265783016	PZ-2303	SM 5310C	450991		
40265783022	MW-82	SM 5310C	450991		
40265783023	MW-82 DUP	SM 5310C	450991		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265783031	MW-31	SM 5310C	450991		
40265783032	MW-2106	SM 5310C	450991		
40265783034	MW-2107	SM 5310C	450991		
40265783036	PZ-2107	SM 5310C	450991		
40265783037	MW-2201	SM 5310C	450991		
40265783038	MW-2201 DUP	SM 5310C	450991		
40265783039	MW-61	SM 5310C	450991		
40265783040	PZ-61	SM 5310C	450992		
40265783041	MW-2112	SM 5310C	450992		
40265783042	PZ-2112	SM 5310C	450992		
40265783043	MW-2113	SM 5310C	450992		
40265783045	MW-2101	SM 5310C	450992		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Document

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

40265783

Page: 2 of 4

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr , Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address 652 52nd St , Kenosha, WI 53140
Email To Lanette.Altenbach@aecom.com	Purchase Order No 200476	Pace Quote Reference
Phone 414-577-1363 Fax	Project Name KEP	Pace Project Manager Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60705270	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 _____
Filtered (Y/N)	N N N N N Y N N

ITEM #	Section D Required Client Information SAMPLE ID One Character per box (A-Z, 0-9 / , -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OT TISSUE TS	MATRIX CODE	SAMPLE TYPE G+GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Requested Analytes	Pace Project Number Lab ID								
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other			VOCs 8260 TOC	Alkalinity, Cl, SO ₄	Methane Ethane Ethene	Total Metals	Diss Metals	Sulfides	COD	Residual Chlorine (Y/N)
					DATE	TIME	DATE	TIME																				
1	TB-01		WT	G	7/24	0900	/	/		2																001		
2	MW-2110		WT			0930	/	/		3	X	X	X	X	X											002		
3	PZ-2110		WT			1000	/	/		3	X	X	X	X	X											003		
4	MW-2302		WT			1100	/	/		3			X													004		
5	PZ-2302		WT			1130	/	/		3			X													005		
6	MW-2108		WT			1150	/	/		3			X													006		
7	MW-65		WT			1245	/	/		12	X	X	X	X	X											007		
8	MW-2301		WT			1230	/	/		12	X	X	X	X	X											008		
9	PZ-2301		WT			1340	/	/		12	X	X	X	X	X											009		
10	MW-2114		WT			1400	/	/		12	X	X	X	X	X											010		
11	PZ-2114		WT			1445	/	/		12	X	X	X	X	X											011		
12	MW-2301DUP		WT			1230	/	/		12	X	X	X	X	X											012		

Additional Comments.

Total Metals: Fe, Mn

Dissolved Metals: Fe, Mn, Ba, Cr, Pb, Ni

*Diss Ca, Mg, K, Na also for PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<i>[Signature]</i>	7/26	11:05	<i>[Signature]</i>	7/27	09:35	Temp in °C	Received on ice	Custody Sealed Cooler	Samples Intact
<i>[Signature]</i>	7/27	09:35	<i>[Signature]</i>	7/27	09:35	Y/N	Y/N	Y/N	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

SIGNATURE of SAMPLER

DATE Signed (MM/DD/YY)

Temp in °C
Received on ice
Custody Sealed Cooler
Samples Intact

[Handwritten signature]



CHAIN-OF-CUSTODY / Analytical Request Document

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

40265783

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr, Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address 652 52nd St, Kenosha, WI 53140
Email To Lanette.Aaltenbach@aecom.com	Purchase Order No 200476	Pace Quote Reference
Phone 414-577-1363 Fax	Project Name KEP	Pace Project Manager Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60705270	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 _____
Filtered (Y/N)	N N N N N Y N N

ITEM #	Section D Required Client Information		MATRIX CODE	SAMPLE TYPE G+GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Filtered (Y/N)	Requested Ant	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 WATER WT WASTE WATER WW PRODUCT P SOIL/SOLID SL OIL OL WIPE WP AIR AR OTHER OF TISSUE TS			COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				VOCs 8280	TOC	Alkalinity, Cl, SO ₄	Methane Ethane Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)					
					DATE	TIME	DATE	TIME																											
1	PZ-2301DUP		WT	G	7/24	1340	/	/		12	X	X	X	X																					013
2	MW-2104		WT		7/24	1545	/	/		3			X																					014	
3	MW-2303	+	WT		7/24	1445	/	/		12	X	X	X	X																				015	
4	PZ-2303		WT			1530	/	/		12	X	X	X	X																				016	
5	MW-2104		WT			1645	/	/		3			X																					017	
6	PZ-2109		WT			1720	/	/		3			X																					018	
7	MW-79		WT		7/25	0645	/	/		3			X																					019	
8	MW-80		WT		7/25	0715	/	/		3			X																					020	
9	MW-81		WT			0745	/	/		3			X																					021	
10	MW-82		WT			1000	/	/		12	X	X	X	X																				022	
11	MW-82 DUP		WT			1000	/	/		12	X	X	X	X																				023	
12	PZ-82		WT			0930	/	/		3			X																					024	

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

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Billyon US	7/26	1615					Y/N	Y/N	Y/N
C. Rogaten	07/23	0935	Suzanne V. Pace	07/23	0935	①	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

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



CHAIN-OF-CUSTODY / Analytical Request Document

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

40265783

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr, Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address 652 52nd St, Kenosha, WI 53140
Email To Lanette.Altenbach@aecom.com	Purchase Order No 200476	Pace Quote Reference
Phone 414-577-1363 Fax	Project Name KEP	Pace Project Manager Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60705270	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 _____
Filtered (Y/N)	N N N N N Y N N
Requested Analyte	<input type="checkbox"/> VOCs B20 <input type="checkbox"/> TOC <input type="checkbox"/> Alkalinity, Cl, SO4 <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)
	Pace Project Number Lab ID

ITEM #	Section D Required Client Information SAMPLE ID One Character per box (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/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								Filtered (Y/N)	Requested Analyte	Pace Project Number Lab ID														
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				VOCs B20	TOC	Alkalinity, Cl, SO4	Methane, Ethane, Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)					
					DATE	TIME	DATE	TIME																											
1	MW-108		WT	G	7/25	1100	/	/		3													3											025	
2	MW-44		WT			1130	/	/		3														3										026	
3	MW-2203 PZ-2203		WT			0947	/	/		3														3										027	
4	PZ-2203 MW-2203		WT			1025	/	/		3														3										028	
5	MW-2105		WT			1140	/	/		3														3										029	
6	PZ-2105		WT			1215	/	/		3														3										030	
7	MW-31		WT			1120	/	/		12	x	x	x	x										3	1	1	3	1	1	1	1	1	1	1	031
8	MW-2106		WT			1315	/	/		12	x	x	x	x										3	1	1	3	1	1	1	1	1	1	1	032
9	MW-2202		WT			1250	/	/		3														3											033
10	MW-2107		WT			1410	/	/		12	x	x	x	x										3	1	1	3	1	1	1	1	1	1	1	034
11	PZ-2202		WT			1400	/	/		3														3											035
12	PZ-2107		WT	↓	↓	1445	/	/		12	x	x	x	x										3	1	1	3	1	1	1	1	1	1	1	036

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

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
<i>B. B. [Signature]</i>	7/26	1614	<i>C. Shroyer</i>	07/23	0935		Y/N	Y/N	Y/N
			<i>Lucan [Signature]</i>	07/23	0935	①	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

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



CHAIN-OF-CUSTODY / Analytical Request Document

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

40265783

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr, Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address 652 52nd St, Kenosha, WI 53140
Email To Lanette Altenbach@aecom.com	Purchase Order No 200476	Pace Quote Reference
Phone 414-577-1363 Fax	Project Name KEP	Pace Project Manager Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60705270	Pace Profile # (2430) Kenosha work

REGULATORY AGENCY	
<input type="checkbox"/> NPDES	<input checked="" type="checkbox"/> GROUND WATER
<input type="checkbox"/> UST	<input type="checkbox"/> RCRA
<input type="checkbox"/> DRINKING WATER	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 Y N N
Requested Analytes	<input type="checkbox"/> V/Cs 8280 <input type="checkbox"/> ToC <input type="checkbox"/> Alkalinity, Cl, SO4 <input type="checkbox"/> Methane, Ethane, Ethyne <input type="checkbox"/> Total Metals <input type="checkbox"/> Diss Metals <input type="checkbox"/> Sulfide <input type="checkbox"/> COD <input type="checkbox"/> Residual Chlorine (r/n)
	Pace Project Number Lab I.D.

ITEM #	Section D Required Client Information SAMPLE ID One Character per box (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX CODE DRINKING WATER DW WATER WT WASTE WATER WW PRODUCT P SOIL/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								Filtered (Y/N)	Requested Analytes	Pace Project Number Lab I.D.						
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₅	Methanol	Other									
					DATE	TIME	DATE	TIME																			
1	MW-2201		WT	G	7/25	1710				12	X	X	X	X	X			3	1	1	3	1	1	1	1	1	037
2	MW-2201 D4P		WT		7/25	1550				12	X	X	X	X	X			3	1	1	3	1	1	1	1	1	038
3	MW-61		WT		7/26	0700				12	X	X	X	X	X			3	1	1	3	1	1	1	1	1	039
4	PZ-61		WT		7/26	0745				12	X	X	X	X	X			3	1	1	3	1	1	1	1	1	040
5	MW-2112		WT			0800				12	+	+	+	+	+			3	1	1	3	1	1	1	1	1	041
6	PZ-2112		WT			0850				12	+	+	+	+	+			3	1	1	3	1	1	1	1	1	042
7	MW-2113		WT			1140				12	X	X	X	X	X			3	1	1	3	1	1	1	1	1	043
8	MW-2113																										
9	PZ-118		WT			0905				3				X				3									044
10	MW-2102		WT			0845				12	X	X	X	X				3	1	1	3	1	1	1	1	1	045
11	MW-114		WT			1135				3				X				3									046
12	TB-02		WT		7/26	0545				3				+				3									047

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

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Buller/kenosha	7/26	1615	Lucretia/kenosha	7/27	0935	Temp in °C	Received on ice	Custody Sealed Cooler	Samples Intact
C. Logistka	07/26	1303	Lucretia/kenosha	07/27	0935	Y/N	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N	Y/N
						Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER					
SIGNATURE of SAMPLER	DATE Signed (MM / DD / YY)				

Effective Date: 8/16/2022

Client Name: **AECOM**

Sample Preservation Receipt Form

Project # 40265783

All containers needing preservation have been checked and noted below
Lab Lot# of pH paper

Yes No N/A
1000723 Lab Std #ID of preservation (if pH adjusted)

Initial who completed SKW 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	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	/	/																											2.5 / 5	
003			/					/		2	/	/																											2.5 / 5	
004																																							2.5 / 5	
005																																							2.5 / 5	
006																																							2.5 / 5	
007			/					/		2	/	/																											2.5 / 5	
008			/					/		2	/	/																											2.5 / 5	
009			/					/		2	/	/																											2.5 / 5	
010			/					/		2	/	/																											2.5 / 5	
011			/					/		2	/	/																											2.5 / 5	
012			/					/		2	/	/																											2.5 / 5	
013			/					/		2	/	/																											2.5 / 5	
014																																							2.5 / 5	
015			/					/		2	/	/																											2.5 / 5	
016			/					/		2	/	/																											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

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

Client Name: AECOM

Sample Preservation Receipt Form
 Project #: 40265783

Pace Lab #	Glass					Plastic					Vials					Jars			General			pH		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	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted				
021																																						2.5/5
022					1				1	X	2	1	1																									2.5/5
023				1					1		2	1	1																									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
033																																						2.5/5
034																																						2.5/5
035																																						2.5/5
036																																						2.5/5
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

Sample Condition Upon Receipt Form (SCUR)

Project #: WO#: 40265783



40265783

Client Name: AECOM

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

① Cooler Temperature Uncorr: _____ /Corr: _____

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

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

Person examining contents:
 Date: 07/27/23 /Initials: SKW

Labeled By Initials: SK

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>CC</u>
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time: _____
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input 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</u> Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>015 - ID is MW2302 - time matched. 027 time is 0950. 028 - time is 1026.</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
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>506</u>		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:
 ① 1.0/1.5 ; 0.5/0.0 ; 0.5/0.0 ; 1.0/1.5 ; 0.0/0.5 ; 0.5/1.0 ; 1.0/1.5 07/27/23 SKW



August 09, 2023

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

RE: Project: 60705270 KEP
Pace Project No.: 40265850

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

Enclosures

cc: Keith Nielsen, AECOM



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: 60705270 KEP

Pace Project No.: 40265850

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: 60705270 KEP
Pace Project No.: 40265850

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40265850001	PZ-2101	Water	07/26/23 12:15	07/28/23 08:40
40265850002	MW-2102	Water	07/26/23 11:30	07/28/23 08:40
40265850003	MW-2103	Water	07/26/23 14:00	07/28/23 08:40
40265850004	MW-2103 DUP	Water	07/26/23 14:00	07/28/23 08:40
40265850005	PZ-2103	Water	07/26/23 15:00	07/28/23 08:40
40265850006	PZ-2103 DUP	Water	07/26/23 15:00	07/28/23 08:40
40265850007	MW-2111	Water	07/27/23 09:55	07/28/23 08:40
40265850008	PZ-2111	Water	07/27/23 14:40	07/28/23 08:40
40265850009	PZ-2113	Water	07/27/23 12:00	07/28/23 08:40
40265850010	MW-113	Water	07/27/23 09:00	07/28/23 08:40
40265850011	TB-01	Water	07/27/23 05:45	07/28/23 08:40

Sample labeled incorrectly and this sample was not from PZ-2113 and has been removed from the AECOM database. 9-12-23 Lanette Altenbach, PG, project manger.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265850

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265850001	PZ-2101	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	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
40265850002	MW-2102	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
40265850003	MW-2103	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
40265850004	MW-2103 DUP	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
40265850005	PZ-2103	EPA 8015B Modified	KHB	3	PASI-G

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP

Pace Project No.: 40265850

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	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
40265850006	PZ-2103 DUP	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	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
40265850007	MW-2111	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 8260	EIB	63	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40265850008	PZ-2111	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
40265850009	PZ-2113	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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40265850

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
40265850010	MW-113	EPA 8260	EIB	63	PASI-G
40265850011	TB-01	EPA 8260	EIB	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265850

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265850001	PZ-2101					
EPA 8015B Modified	Ethane	2080	ug/L	700	08/02/23 17:58	pH
EPA 8015B Modified	Ethene	11800	ug/L	625	08/02/23 17:58	pH
EPA 8015B Modified	Methane	801	ug/L	350	08/02/23 17:58	pH
EPA 6020B	Iron	450	mg/L	12.5	08/03/23 14:11	P6
EPA 6020B	Manganese	1.1	mg/L	0.020	08/02/23 18:02	
EPA 6020B	Barium, Dissolved	2.0	mg/L	0.047	08/02/23 19:30	
EPA 6020B	Calcium, Dissolved	1170	mg/L	25.4	08/03/23 12:18	P6
EPA 6020B	Iron, Dissolved	405	mg/L	5.0	08/02/23 19:30	P6
EPA 6020B	Magnesium, Dissolved	206	mg/L	5.0	08/02/23 19:30	P6
EPA 6020B	Manganese, Dissolved	1.1	mg/L	0.020	08/03/23 13:09	
EPA 6020B	Potassium, Dissolved	7.1	mg/L	3.9	08/02/23 20:01	
EPA 6020B	Sodium, Dissolved	548	mg/L	25.0	08/03/23 12:18	P6
EPA 8260	1,1-Dichloroethene	326	ug/L	250	08/04/23 14:32	
EPA 8260	cis-1,2-Dichloroethene	29400	ug/L	250	08/04/23 14:32	
EPA 8260	Trichloroethene	12100	ug/L	250	08/04/23 14:32	
EPA 8260	Vinyl chloride	14900	ug/L	250	08/04/23 14:32	
EPA 300.0	Chloride	978	mg/L	100	08/03/23 03:13	
EPA 310.2	Alkalinity, Total as CaCO ₃	4550	mg/L	500	08/04/23 12:31	
EPA 410.4	Chemical Oxygen Demand	9390	mg/L	1000	08/04/23 07:58	
SM 5310C	Total Organic Carbon	3330	mg/L	500	08/01/23 13:53	
40265850002	MW-2102					
EPA 8015B Modified	Ethane	5.2J	ug/L	5.6	08/02/23 13:59	
EPA 8015B Modified	Ethene	9.4	ug/L	5.0	08/02/23 13:59	
EPA 8015B Modified	Methane	4220	ug/L	140	08/02/23 16:55	
EPA 6020B	Iron	24.3	mg/L	0.25	08/02/23 18:23	
EPA 6020B	Manganese	1.5	mg/L	0.040	08/03/23 14:32	
EPA 6020B	Barium, Dissolved	0.037	mg/L	0.0023	08/02/23 20:21	
EPA 6020B	Iron, Dissolved	20.2	mg/L	0.25	08/02/23 20:21	
EPA 6020B	Lead, Dissolved	0.00033J	mg/L	0.0010	08/02/23 20:21	
EPA 6020B	Manganese, Dissolved	1.4	mg/L	0.040	08/03/23 12:38	
EPA 8260	cis-1,2-Dichloroethene	2.7	ug/L	1.0	07/31/23 15:14	
EPA 8260	Trichloroethene	0.33J	ug/L	1.0	07/31/23 15:14	
EPA 8260	Vinyl chloride	4.8	ug/L	1.0	07/31/23 15:14	
EPA 300.0	Chloride	130	mg/L	20.0	08/03/23 03:56	
EPA 310.2	Alkalinity, Total as CaCO ₃	1400	mg/L	125	08/04/23 12:35	
EPA 410.4	Chemical Oxygen Demand	1580	mg/L	400	08/04/23 07:58	
SM 5310C	Total Organic Carbon	506	mg/L	75.0	08/01/23 14:38	
40265850003	MW-2103					
EPA 8015B Modified	Ethane	11.7	ug/L	5.6	08/02/23 14:06	
EPA 8015B Modified	Ethene	498	ug/L	5.0	08/02/23 14:06	
EPA 8015B Modified	Methane	2950	ug/L	70.0	08/02/23 17:02	
EPA 6020B	Iron	4.8	mg/L	0.25	08/02/23 18:33	
EPA 6020B	Manganese	0.27	mg/L	0.0040	08/02/23 18:33	
EPA 6020B	Barium, Dissolved	0.081	mg/L	0.0023	08/02/23 20:32	
EPA 6020B	Iron, Dissolved	3.4	mg/L	0.25	08/02/23 20:32	
EPA 6020B	Manganese, Dissolved	0.26	mg/L	0.0040	08/03/23 13:30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265850

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265850003	MW-2103					
EPA 6020B	Nickel, Dissolved	0.0014	mg/L	0.0010	08/03/23 13:30	
EPA 8260	cis-1,2-Dichloroethene	88.2	ug/L	10.0	08/04/23 12:35	
EPA 8260	Trichloroethene	8.7J	ug/L	10.0	08/04/23 12:35	
EPA 8260	Vinyl chloride	526	ug/L	10.0	08/04/23 12:35	
EPA 300.0	Chloride	166	mg/L	20.0	08/03/23 04:10	
EPA 300.0	Sulfate	218	mg/L	20.0	08/03/23 04:10	
EPA 310.2	Alkalinity, Total as CaCO3	431	mg/L	125	08/04/23 12:36	
EPA 410.4	Chemical Oxygen Demand	43.2J	mg/L	50.0	08/04/23 07:59	
SM 5310C	Total Organic Carbon	13.8	mg/L	7.5	08/01/23 15:43	B
40265850004	MW-2103 DUP					
EPA 8015B Modified	Ethane	14.3	ug/L	5.6	08/02/23 14:13	
EPA 8015B Modified	Ethene	338	ug/L	200	08/02/23 17:09	
EPA 8015B Modified	Methane	2420	ug/L	112	08/02/23 17:09	
EPA 6020B	Iron	5.2	mg/L	0.25	08/02/23 18:38	
EPA 6020B	Manganese	0.27	mg/L	0.0040	08/02/23 18:38	
EPA 6020B	Barium, Dissolved	0.085	mg/L	0.0023	08/02/23 20:37	
EPA 6020B	Iron, Dissolved	3.4	mg/L	0.25	08/02/23 20:37	
EPA 6020B	Manganese, Dissolved	0.27	mg/L	0.0040	08/03/23 13:35	
EPA 6020B	Nickel, Dissolved	0.0014	mg/L	0.0010	08/03/23 13:35	
EPA 8260	cis-1,2-Dichloroethene	87.0	ug/L	10.0	08/04/23 12:16	
EPA 8260	Trichloroethene	7.6J	ug/L	10.0	08/04/23 12:16	
EPA 8260	Vinyl chloride	568	ug/L	10.0	08/04/23 12:16	
EPA 300.0	Chloride	165	mg/L	20.0	08/03/23 04:25	
EPA 300.0	Sulfate	216	mg/L	20.0	08/03/23 04:25	
EPA 310.2	Alkalinity, Total as CaCO3	429	mg/L	125	08/04/23 12:37	
EPA 410.4	Chemical Oxygen Demand	45.4J	mg/L	50.0	08/04/23 07:59	
SM 5310C	Total Organic Carbon	14.1	mg/L	7.5	08/01/23 15:57	B
40265850005	PZ-2103					
EPA 8015B Modified	Ethane	468	ug/L	5.6	08/02/23 14:19	pH
EPA 8015B Modified	Ethene	5130	ug/L	250	08/02/23 17:16	pH
EPA 8015B Modified	Methane	78.8	ug/L	2.8	08/02/23 14:19	pH
EPA 6020B	Iron	98.0	mg/L	25.0	08/03/23 14:42	
EPA 6020B	Manganese	1.3	mg/L	0.40	08/03/23 14:42	
EPA 6020B	Barium, Dissolved	0.019	mg/L	0.0047	08/02/23 20:42	
EPA 6020B	Calcium, Dissolved	463	mg/L	5.1	08/03/23 13:40	
EPA 6020B	Iron, Dissolved	109	mg/L	5.0	08/03/23 13:40	D9
EPA 6020B	Magnesium, Dissolved	174	mg/L	5.0	08/03/23 13:40	
EPA 6020B	Manganese, Dissolved	1.4	mg/L	0.081	08/03/23 13:40	D9
EPA 6020B	Nickel, Dissolved	0.0085J	mg/L	0.020	08/03/23 13:40	D3
EPA 6020B	Potassium, Dissolved	10.3J	mg/L	15.8	08/03/23 13:40	D3
EPA 6020B	Sodium, Dissolved	6390	mg/L	25.0	08/04/23 15:02	
EPA 8260	cis-1,2-Dichloroethene	72600	ug/L	5000	07/31/23 17:11	
EPA 8260	Trichloroethene	785000	ug/L	5000	07/31/23 17:11	
SM 4500-S F (2000)	Sulfide	1.4J	mg/L	4.0	08/01/23 11:04	
EPA 300.0	Chloride	833	mg/L	200	08/03/23 04:39	
EPA 300.0	Sulfate	8080	mg/L	2000	08/03/23 06:20	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265850

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265850005	PZ-2103					
EPA 310.2	Alkalinity, Total as CaCO3	4130	mg/L	500	08/04/23 12:38	
EPA 410.4	Chemical Oxygen Demand	7560	mg/L	1000	08/04/23 07:59	
SM 5310C	Total Organic Carbon	1490	mg/L	75.0	08/01/23 16:11	
40265850006	PZ-2103 DUP					
EPA 8015B Modified	Ethane	467	ug/L	5.6	08/02/23 14:26	pH
EPA 8015B Modified	Ethene	5280	ug/L	250	08/02/23 17:23	pH
EPA 8015B Modified	Methane	79.4	ug/L	2.8	08/02/23 14:26	pH
EPA 6020B	Iron	127	mg/L	5.0	08/02/23 18:59	
EPA 6020B	Manganese	1.9	mg/L	0.081	08/02/23 18:59	
EPA 6020B	Barium, Dissolved	0.021	mg/L	0.0047	08/02/23 20:57	
EPA 6020B	Calcium, Dissolved	441	mg/L	5.1	08/03/23 13:45	
EPA 6020B	Iron, Dissolved	115	mg/L	5.0	08/03/23 13:45	
EPA 6020B	Magnesium, Dissolved	176	mg/L	5.0	08/03/23 13:45	
EPA 6020B	Manganese, Dissolved	1.4	mg/L	0.081	08/03/23 13:45	
EPA 6020B	Nickel, Dissolved	0.0068J	mg/L	0.020	08/03/23 13:45	D3
EPA 6020B	Potassium, Dissolved	10.1J	mg/L	15.8	08/03/23 13:45	D3
EPA 6020B	Sodium, Dissolved	6430	mg/L	25.0	08/04/23 15:09	
EPA 8260	cis-1,2-Dichloroethene	63700	ug/L	5000	07/31/23 17:30	
EPA 8260	Trichloroethene	694000	ug/L	5000	07/31/23 17:30	
SM 4500-S F (2000)	Sulfide	1.4J	mg/L	4.0	08/01/23 11:07	
EPA 300.0	Chloride	838	mg/L	200	08/03/23 04:54	
EPA 300.0	Sulfate	10100	mg/L	2000	08/03/23 06:34	
EPA 310.2	Alkalinity, Total as CaCO3	4060	mg/L	500	08/04/23 12:39	
EPA 410.4	Chemical Oxygen Demand	8110	mg/L	1000	08/04/23 07:59	
SM 5310C	Total Organic Carbon	1530	mg/L	75.0	08/01/23 16:27	
40265850007	MW-2111					
EPA 8015B Modified	Ethane	92.4	ug/L	5.6	08/02/23 14:33	
EPA 8015B Modified	Ethene	131	ug/L	5.0	08/02/23 14:33	
EPA 8015B Modified	Methane	5120	ug/L	140	08/02/23 17:30	
EPA 6020B	Iron	8970	mg/L	125	08/03/23 14:47	P4
EPA 6020B	Manganese	6.4	mg/L	2.0	08/03/23 14:47	
EPA 8260	Benzene	1.3	ug/L	1.0	08/04/23 13:53	
EPA 8260	cis-1,2-Dichloroethene	13.9	ug/L	1.0	08/04/23 13:53	
EPA 8260	Toluene	0.73J	ug/L	1.0	08/04/23 13:53	
EPA 8260	Trichloroethene	1.5	ug/L	1.0	08/04/23 13:53	
EPA 8260	Vinyl chloride	4.1	ug/L	1.0	08/04/23 13:53	
EPA 410.4	Chemical Oxygen Demand	687	mg/L	500	08/04/23 07:59	
SM 5310C	Total Organic Carbon	245	mg/L	75.0	08/01/23 16:42	B
40265850008	PZ-2111					
EPA 8015B Modified	Ethane	36.8	ug/L	5.6	08/02/23 14:40	pH
EPA 8015B Modified	Ethene	54.1	ug/L	5.0	08/02/23 14:40	pH
EPA 8015B Modified	Methane	8780	ug/L	350	08/02/23 17:36	pH
EPA 6020B	Iron	163	mg/L	5.0	08/03/23 15:23	
EPA 6020B	Manganese	0.69	mg/L	0.081	08/03/23 15:23	
EPA 6020B	Barium, Dissolved	1.8	mg/L	0.047	08/03/23 14:01	
EPA 6020B	Iron, Dissolved	172	mg/L	5.0	08/03/23 14:01	D9

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60705270 KEP

Pace Project No.: 40265850

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
40265850008	PZ-2111					
EPA 6020B	Lead, Dissolved	0.00072J	mg/L	0.0020	08/02/23 21:02	D3
EPA 6020B	Manganese, Dissolved	0.74	mg/L	0.081	08/03/23 14:01	D9
EPA 8260	Benzene	0.36J	ug/L	1.0	07/31/23 15:34	
EPA 8260	cis-1,2-Dichloroethene	7.1	ug/L	1.0	07/31/23 15:34	
EPA 8260	Trichloroethene	0.57J	ug/L	1.0	07/31/23 15:34	
EPA 8260	Vinyl chloride	0.97J	ug/L	1.0	07/31/23 15:34	
EPA 300.0	Chloride	100	mg/L	20.0	08/03/23 05:08	
EPA 310.2	Alkalinity, Total as CaCO3	3110	mg/L	500	08/04/23 12:40	
EPA 410.4	Chemical Oxygen Demand	6550	mg/L	1000	08/04/23 07:59	
SM 5310C	Total Organic Carbon	2220	mg/L	150	08/01/23 16:57	
40265850009	PZ-2113					
EPA 8015B Modified	Ethane	503	ug/L	5.6	08/02/23 14:47	HS,pH
EPA 8015B Modified	Ethene	18400	ug/L	250	08/02/23 17:43	HS,pH
EPA 8015B Modified	Methane	60.4	ug/L	2.8	08/02/23 14:47	HS,pH
EPA 6020B	Iron	135	mg/L	5.0	08/03/23 15:29	
EPA 6020B	Manganese	1.3	mg/L	0.081	08/03/23 15:29	
EPA 6020B	Barium, Dissolved	0.020	mg/L	0.0047	08/02/23 21:07	
EPA 6020B	Iron, Dissolved	140	mg/L	5.0	08/03/23 14:06	D9
EPA 6020B	Manganese, Dissolved	1.3	mg/L	0.081	08/03/23 14:06	
EPA 6020B	Nickel, Dissolved	0.0076J	mg/L	0.020	08/03/23 14:06	D3
EPA 8260	Benzene	10.0	ug/L	1.0	07/31/23 15:53	
EPA 8260	1,1-Dichloroethane	0.50J	ug/L	1.0	07/31/23 15:53	
EPA 8260	1,1-Dichloroethene	276	ug/L	1.0	07/31/23 15:53	
EPA 8260	cis-1,2-Dichloroethene	45900	ug/L	1250	08/04/23 14:52	HS,pH
EPA 8260	trans-1,2-Dichloroethene	838	ug/L	1.0	07/31/23 15:53	E
EPA 8260	Ethylbenzene	0.46J	ug/L	1.0	07/31/23 15:53	
EPA 8260	Methylene Chloride	2.2J	ug/L	5.0	07/31/23 15:53	
EPA 8260	1,1,2,2-Tetrachloroethane	68.3	ug/L	1.0	07/31/23 15:53	
EPA 8260	Tetrachloroethene	65.7	ug/L	1.0	07/31/23 15:53	
EPA 8260	Toluene	4.0	ug/L	1.0	07/31/23 15:53	
EPA 8260	1,1,2-Trichloroethane	16.1	ug/L	1.0	07/31/23 15:53	
EPA 8260	Trichloroethene	367000	ug/L	1250	08/04/23 14:52	HS,pH
EPA 8260	1,2,4-Trimethylbenzene	0.54J	ug/L	1.0	07/31/23 15:53	
EPA 8260	Vinyl chloride	292	ug/L	1.0	07/31/23 15:53	
EPA 8260	Xylene (Total)	1.5J	ug/L	3.0	07/31/23 15:53	
EPA 300.0	Chloride	892	mg/L	100	08/03/23 05:22	
EPA 300.0	Sulfate	10400	mg/L	1000	08/03/23 06:49	
EPA 310.2	Alkalinity, Total as CaCO3	3700	mg/L	250	08/04/23 12:41	
EPA 410.4	Chemical Oxygen Demand	4850	mg/L	1000	08/04/23 07:59	
SM 5310C	Total Organic Carbon	1450	mg/L	30.0	08/01/23 17:13	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2101 Lab ID: 40265850001 Collected: 07/26/23 12:15 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	2080	ug/L	700	49.1	125		08/02/23 17:58	74-84-0	pH
Ethene	11800	ug/L	625	31.5	125		08/02/23 17:58	74-85-1	pH
Methane	801	ug/L	350	72.0	125		08/02/23 17:58	74-82-8	pH
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	450	mg/L	12.5	2.9	50	08/01/23 06:28	08/03/23 14:11	7439-89-6	P6
Manganese	1.1	mg/L	0.020	0.0061	5	08/01/23 06:28	08/02/23 18:02	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	2.0	mg/L	0.047	0.014	20	08/01/23 06:36	08/02/23 19:30	7440-39-3	
Calcium, Dissolved	1170	mg/L	25.4	7.6	100	08/01/23 06:36	08/03/23 12:18	7440-70-2	P6
Chromium, Dissolved	<0.0051	mg/L	0.017	0.0051	5	08/01/23 06:36	08/02/23 20:01	7440-47-3	D3
Iron, Dissolved	405	mg/L	5.0	1.2	20	08/01/23 06:36	08/02/23 19:30	7439-89-6	P6
Lead, Dissolved	<0.0012	mg/L	0.0050	0.0012	5	08/01/23 06:36	08/02/23 20:01	7439-92-1	D3
Magnesium, Dissolved	206	mg/L	5.0	0.62	20	08/01/23 06:36	08/02/23 19:30	7439-95-4	P6
Manganese, Dissolved	1.1	mg/L	0.020	0.0061	5	08/01/23 06:36	08/03/23 13:09	7439-96-5	
Nickel, Dissolved	<0.0014	mg/L	0.0050	0.0014	5	08/01/23 06:36	08/03/23 13:09	7440-02-0	D3
Potassium, Dissolved	7.1	mg/L	3.9	1.2	5	08/01/23 06:36	08/02/23 20:01	7440-09-7	
Sodium, Dissolved	548	mg/L	25.0	4.2	100	08/01/23 06:36	08/03/23 12:18	7440-23-5	P6
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<73.9	ug/L	250	73.9	250		08/04/23 14:32	71-43-2	
Bromobenzene	<90.2	ug/L	250	90.2	250		08/04/23 14:32	108-86-1	
Bromochloromethane	<89.4	ug/L	250	89.4	250		08/04/23 14:32	74-97-5	
Bromodichloromethane	<104	ug/L	250	104	250		08/04/23 14:32	75-27-4	
Bromoform	<107	ug/L	250	107	250		08/04/23 14:32	75-25-2	
Bromomethane	<298	ug/L	1250	298	250		08/04/23 14:32	74-83-9	
n-Butylbenzene	<214	ug/L	250	214	250		08/04/23 14:32	104-51-8	
sec-Butylbenzene	<106	ug/L	250	106	250		08/04/23 14:32	135-98-8	
tert-Butylbenzene	<147	ug/L	250	147	250		08/04/23 14:32	98-06-6	
Carbon tetrachloride	<92.3	ug/L	250	92.3	250		08/04/23 14:32	56-23-5	
Chlorobenzene	<214	ug/L	250	214	250		08/04/23 14:32	108-90-7	
Chloroethane	<345	ug/L	1250	345	250		08/04/23 14:32	75-00-3	
Chloroform	<126	ug/L	1250	126	250		08/04/23 14:32	67-66-3	
Chloromethane	<409	ug/L	1250	409	250		08/04/23 14:32	74-87-3	
2-Chlorotoluene	<222	ug/L	1250	222	250		08/04/23 14:32	95-49-8	
4-Chlorotoluene	<224	ug/L	1250	224	250		08/04/23 14:32	106-43-4	
1,2-Dibromo-3-chloropropane	<592	ug/L	1250	592	250		08/04/23 14:32	96-12-8	
Dibromochloromethane	<661	ug/L	1250	661	250		08/04/23 14:32	124-48-1	
1,2-Dibromoethane (EDB)	<77.3	ug/L	250	77.3	250		08/04/23 14:32	106-93-4	
Dibromomethane	<248	ug/L	1250	248	250		08/04/23 14:32	74-95-3	
1,2-Dichlorobenzene	<81.5	ug/L	250	81.5	250		08/04/23 14:32	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2101 **Lab ID: 40265850001** Collected: 07/26/23 12:15 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<87.8	ug/L	250	87.8	250		08/04/23 14:32	541-73-1	
1,4-Dichlorobenzene	<223	ug/L	250	223	250		08/04/23 14:32	106-46-7	
Dichlorodifluoromethane	<114	ug/L	1250	114	250		08/04/23 14:32	75-71-8	
1,1-Dichloroethane	<73.9	ug/L	250	73.9	250		08/04/23 14:32	75-34-3	
1,2-Dichloroethane	<72.9	ug/L	250	72.9	250		08/04/23 14:32	107-06-2	
1,1-Dichloroethene	326	ug/L	250	146	250		08/04/23 14:32	75-35-4	
cis-1,2-Dichloroethene	29400	ug/L	250	118	250		08/04/23 14:32	156-59-2	
trans-1,2-Dichloroethene	<132	ug/L	250	132	250		08/04/23 14:32	156-60-5	
1,2-Dichloropropane	<112	ug/L	250	112	250		08/04/23 14:32	78-87-5	
1,3-Dichloropropane	<76.2	ug/L	250	76.2	250		08/04/23 14:32	142-28-9	
2,2-Dichloropropane	<105	ug/L	250	105	250		08/04/23 14:32	594-20-7	
1,1-Dichloropropene	<103	ug/L	250	103	250		08/04/23 14:32	563-58-6	
cis-1,3-Dichloropropene	<59.3	ug/L	250	59.3	250		08/04/23 14:32	10061-01-5	
trans-1,3-Dichloropropene	<66.4	ug/L	250	66.4	250		08/04/23 14:32	10061-02-6	
Diisopropyl ether	<275	ug/L	1250	275	250		08/04/23 14:32	108-20-3	
Ethylbenzene	<81.3	ug/L	250	81.3	250		08/04/23 14:32	100-41-4	
Hexachloro-1,3-butadiene	<684	ug/L	1250	684	250		08/04/23 14:32	87-68-3	
Isopropylbenzene (Cumene)	<250	ug/L	1250	250	250		08/04/23 14:32	98-82-8	
p-Isopropyltoluene	<261	ug/L	1250	261	250		08/04/23 14:32	99-87-6	
Methylene Chloride	<79.9	ug/L	1250	79.9	250		08/04/23 14:32	75-09-2	
Methyl-tert-butyl ether	<282	ug/L	1250	282	250		08/04/23 14:32	1634-04-4	
Naphthalene	<479	ug/L	1250	479	250		08/04/23 14:32	91-20-3	
n-Propylbenzene	<86.3	ug/L	250	86.3	250		08/04/23 14:32	103-65-1	
Styrene	<89.1	ug/L	250	89.1	250		08/04/23 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	<88.8	ug/L	250	88.8	250		08/04/23 14:32	630-20-6	
1,1,2,2-Tetrachloroethane	<94.5	ug/L	250	94.5	250		08/04/23 14:32	79-34-5	
Tetrachloroethene	<102	ug/L	250	102	250		08/04/23 14:32	127-18-4	
Toluene	<72.0	ug/L	250	72.0	250		08/04/23 14:32	108-88-3	
1,2,3-Trichlorobenzene	<255	ug/L	1250	255	250		08/04/23 14:32	87-61-6	
1,2,4-Trichlorobenzene	<238	ug/L	1250	238	250		08/04/23 14:32	120-82-1	
1,1,1-Trichloroethane	<75.6	ug/L	250	75.6	250		08/04/23 14:32	71-55-6	
1,1,2-Trichloroethane	<86.1	ug/L	250	86.1	250		08/04/23 14:32	79-00-5	
Trichloroethene	12100	ug/L	250	79.9	250		08/04/23 14:32	79-01-6	
Trichlorofluoromethane	<105	ug/L	250	105	250		08/04/23 14:32	75-69-4	
1,2,3-Trichloropropane	<139	ug/L	250	139	250		08/04/23 14:32	96-18-4	
1,2,4-Trimethylbenzene	<112	ug/L	250	112	250		08/04/23 14:32	95-63-6	
1,3,5-Trimethylbenzene	<89.3	ug/L	250	89.3	250		08/04/23 14:32	108-67-8	
Vinyl chloride	14900	ug/L	250	43.6	250		08/04/23 14:32	75-01-4	
Xylene (Total)	<262	ug/L	750	262	250		08/04/23 14:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		250		08/04/23 14:32	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		250		08/04/23 14:32	2199-69-1	
Toluene-d8 (S)	103	%	70-130		250		08/04/23 14:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2101 **Lab ID: 40265850001** Collected: 07/26/23 12:15 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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		08/01/23 10:56		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	978	mg/L	100	21.6	50		08/03/23 03:13	16887-00-6	
Sulfate	<22.2	mg/L	100	22.2	50		08/03/23 03:13	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	4550	mg/L	500	149	20		08/04/23 12:31		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	9390	mg/L	1000	295	1	08/04/23 05:10	08/04/23 07:58		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	3330	mg/L	500	138	1000		08/01/23 13:53	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2102 Lab ID: 40265850002 Collected: 07/26/23 11:30 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	5.2J	ug/L	5.6	0.39	1		08/02/23 13:59	74-84-0	
Ethene	9.4	ug/L	5.0	0.25	1		08/02/23 13:59	74-85-1	
Methane	4220	ug/L	140	28.8	50		08/02/23 16:55	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	24.3	mg/L	0.25	0.058	1	08/01/23 06:28	08/02/23 18:23	7439-89-6	
Manganese	1.5	mg/L	0.040	0.012	10	08/01/23 06:28	08/03/23 14:32	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.037	mg/L	0.0023	0.00070	1	08/01/23 06:36	08/02/23 20:21	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	08/01/23 06:36	08/02/23 20:21	7440-47-3	
Iron, Dissolved	20.2	mg/L	0.25	0.058	1	08/01/23 06:36	08/02/23 20:21	7439-89-6	
Lead, Dissolved	0.00033J	mg/L	0.0010	0.00024	1	08/01/23 06:36	08/02/23 20:21	7439-92-1	
Manganese, Dissolved	1.4	mg/L	0.040	0.012	10	08/01/23 06:36	08/03/23 12:38	7439-96-5	
Nickel, Dissolved	<0.0028	mg/L	0.010	0.0028	10	08/01/23 06:36	08/03/23 12:38	7440-02-0	D3
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/31/23 15:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:14	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/31/23 15:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:14	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/31/23 15:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/31/23 15:14	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 15:14	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/31/23 15:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/31/23 15:14	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/31/23 15:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 15:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/31/23 15:14	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/31/23 15:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/31/23 15:14	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 15:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 15:14	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/31/23 15:14	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/31/23 15:14	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/31/23 15:14	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/31/23 15:14	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 15:14	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 15:14	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/31/23 15:14	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/31/23 15:14	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:14	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2102 Lab ID: 40265850002 Collected: 07/26/23 11:30 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/31/23 15:14	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		07/31/23 15:14	75-35-4	
cis-1,2-Dichloroethene	2.7	ug/L	1.0	0.47	1		07/31/23 15:14	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/31/23 15:14	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/31/23 15:14	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:14	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:14	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/31/23 15:14	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/31/23 15:14	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/31/23 15:14	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 15:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 15:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/31/23 15:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/31/23 15:14	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/31/23 15:14	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/31/23 15:14	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 15:14	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/31/23 15:14	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 15:14	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:14	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/31/23 15:14	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/31/23 15:14	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/31/23 15:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/31/23 15:14	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/31/23 15:14	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/31/23 15:14	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:14	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/31/23 15:14	79-00-5	
Trichloroethene	0.33J	ug/L	1.0	0.32	1		07/31/23 15:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:14	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/31/23 15:14	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/31/23 15:14	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:14	108-67-8	
Vinyl chloride	4.8	ug/L	1.0	0.17	1		07/31/23 15:14	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/31/23 15:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/31/23 15:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/31/23 15:14	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		07/31/23 15:14	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 10:58		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2102 Lab ID: 40265850002 Collected: 07/26/23 11:30 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	130	mg/L	20.0	4.3	10		08/03/23 03:56	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		08/03/23 03:56	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	1400	mg/L	125	37.2	5		08/04/23 12:35		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	1580	mg/L	400	118	1	08/04/23 05:10	08/04/23 07:58		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	506	mg/L	75.0	20.8	150		08/01/23 14:38	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2103 Lab ID: 40265850003 Collected: 07/26/23 14:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	11.7	ug/L	5.6	0.39	1		08/02/23 14:06	74-84-0	
Ethene	498	ug/L	5.0	0.25	1		08/02/23 14:06	74-85-1	
Methane	2950	ug/L	70.0	14.4	25		08/02/23 17:02	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	4.8	mg/L	0.25	0.058	1	08/01/23 06:28	08/02/23 18:33	7439-89-6	
Manganese	0.27	mg/L	0.0040	0.0012	1	08/01/23 06:28	08/02/23 18:33	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.081	mg/L	0.0023	0.00070	1	08/01/23 06:36	08/02/23 20:32	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	08/01/23 06:36	08/02/23 20:32	7440-47-3	
Iron, Dissolved	3.4	mg/L	0.25	0.058	1	08/01/23 06:36	08/02/23 20:32	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	08/01/23 06:36	08/02/23 20:32	7439-92-1	
Manganese, Dissolved	0.26	mg/L	0.0040	0.0012	1	08/01/23 06:36	08/03/23 13:30	7439-96-5	
Nickel, Dissolved	0.0014	mg/L	0.0010	0.00028	1	08/01/23 06:36	08/03/23 13:30	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		08/04/23 12:35	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		08/04/23 12:35	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		08/04/23 12:35	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		08/04/23 12:35	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		08/04/23 12:35	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		08/04/23 12:35	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		08/04/23 12:35	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		08/04/23 12:35	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		08/04/23 12:35	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		08/04/23 12:35	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		08/04/23 12:35	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		08/04/23 12:35	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		08/04/23 12:35	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		08/04/23 12:35	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/04/23 12:35	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/04/23 12:35	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		08/04/23 12:35	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		08/04/23 12:35	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		08/04/23 12:35	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		08/04/23 12:35	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		08/04/23 12:35	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		08/04/23 12:35	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		08/04/23 12:35	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		08/04/23 12:35	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		08/04/23 12:35	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2103 Lab ID: 40265850003 Collected: 07/26/23 14:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		08/04/23 12:35	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		08/04/23 12:35	75-35-4	
cis-1,2-Dichloroethene	88.2	ug/L	10.0	4.7	10		08/04/23 12:35	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		08/04/23 12:35	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		08/04/23 12:35	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		08/04/23 12:35	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		08/04/23 12:35	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		08/04/23 12:35	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		08/04/23 12:35	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		08/04/23 12:35	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		08/04/23 12:35	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		08/04/23 12:35	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		08/04/23 12:35	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		08/04/23 12:35	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		08/04/23 12:35	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		08/04/23 12:35	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		08/04/23 12:35	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		08/04/23 12:35	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		08/04/23 12:35	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		08/04/23 12:35	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		08/04/23 12:35	630-20-6	
1,1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		08/04/23 12:35	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		08/04/23 12:35	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		08/04/23 12:35	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		08/04/23 12:35	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		08/04/23 12:35	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		08/04/23 12:35	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		08/04/23 12:35	79-00-5	
Trichloroethene	8.7J	ug/L	10.0	3.2	10		08/04/23 12:35	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		08/04/23 12:35	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		08/04/23 12:35	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		08/04/23 12:35	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		08/04/23 12:35	108-67-8	
Vinyl chloride	526	ug/L	10.0	1.7	10		08/04/23 12:35	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		08/04/23 12:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		10		08/04/23 12:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		08/04/23 12:35	2199-69-1	
Toluene-d8 (S)	105	%	70-130		10		08/04/23 12:35	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		08/01/23 11:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2103 Lab ID: 40265850003 Collected: 07/26/23 14:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	166	mg/L	20.0	4.3	10		08/03/23 04:10	16887-00-6	
Sulfate	218	mg/L	20.0	4.4	10		08/03/23 04:10	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	431	mg/L	125	37.2	5		08/04/23 12:36		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	43.2J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	13.8	mg/L	7.5	2.1	15		08/01/23 15:43	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2103 DUP Lab ID: 40265850004 Collected: 07/26/23 14:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	14.3	ug/L	5.6	0.39	1		08/02/23 14:13	74-84-0	
Ethene	338	ug/L	200	10.1	40		08/02/23 17:09	74-85-1	
Methane	2420	ug/L	112	23.0	40		08/02/23 17:09	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	5.2	mg/L	0.25	0.058	1	08/01/23 06:28	08/02/23 18:38	7439-89-6	
Manganese	0.27	mg/L	0.0040	0.0012	1	08/01/23 06:28	08/02/23 18:38	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.085	mg/L	0.0023	0.00070	1	08/01/23 06:36	08/02/23 20:37	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	08/01/23 06:36	08/02/23 20:37	7440-47-3	
Iron, Dissolved	3.4	mg/L	0.25	0.058	1	08/01/23 06:36	08/02/23 20:37	7439-89-6	
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	08/01/23 06:36	08/02/23 20:37	7439-92-1	
Manganese, Dissolved	0.27	mg/L	0.0040	0.0012	1	08/01/23 06:36	08/03/23 13:35	7439-96-5	
Nickel, Dissolved	0.0014	mg/L	0.0010	0.00028	1	08/01/23 06:36	08/03/23 13:35	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<3.0	ug/L	10.0	3.0	10		08/04/23 12:16	71-43-2	
Bromobenzene	<3.6	ug/L	10.0	3.6	10		08/04/23 12:16	108-86-1	
Bromochloromethane	<3.6	ug/L	10.0	3.6	10		08/04/23 12:16	74-97-5	
Bromodichloromethane	<4.2	ug/L	10.0	4.2	10		08/04/23 12:16	75-27-4	
Bromoform	<4.3	ug/L	10.0	4.3	10		08/04/23 12:16	75-25-2	
Bromomethane	<11.9	ug/L	50.0	11.9	10		08/04/23 12:16	74-83-9	
n-Butylbenzene	<8.6	ug/L	10.0	8.6	10		08/04/23 12:16	104-51-8	
sec-Butylbenzene	<4.2	ug/L	10.0	4.2	10		08/04/23 12:16	135-98-8	
tert-Butylbenzene	<5.9	ug/L	10.0	5.9	10		08/04/23 12:16	98-06-6	
Carbon tetrachloride	<3.7	ug/L	10.0	3.7	10		08/04/23 12:16	56-23-5	
Chlorobenzene	<8.6	ug/L	10.0	8.6	10		08/04/23 12:16	108-90-7	
Chloroethane	<13.8	ug/L	50.0	13.8	10		08/04/23 12:16	75-00-3	
Chloroform	<5.0	ug/L	50.0	5.0	10		08/04/23 12:16	67-66-3	
Chloromethane	<16.4	ug/L	50.0	16.4	10		08/04/23 12:16	74-87-3	
2-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/04/23 12:16	95-49-8	
4-Chlorotoluene	<8.9	ug/L	50.0	8.9	10		08/04/23 12:16	106-43-4	
1,2-Dibromo-3-chloropropane	<23.7	ug/L	50.0	23.7	10		08/04/23 12:16	96-12-8	
Dibromochloromethane	<26.4	ug/L	50.0	26.4	10		08/04/23 12:16	124-48-1	
1,2-Dibromoethane (EDB)	<3.1	ug/L	10.0	3.1	10		08/04/23 12:16	106-93-4	
Dibromomethane	<9.9	ug/L	50.0	9.9	10		08/04/23 12:16	74-95-3	
1,2-Dichlorobenzene	<3.3	ug/L	10.0	3.3	10		08/04/23 12:16	95-50-1	
1,3-Dichlorobenzene	<3.5	ug/L	10.0	3.5	10		08/04/23 12:16	541-73-1	
1,4-Dichlorobenzene	<8.9	ug/L	10.0	8.9	10		08/04/23 12:16	106-46-7	
Dichlorodifluoromethane	<4.6	ug/L	50.0	4.6	10		08/04/23 12:16	75-71-8	
1,1-Dichloroethane	<3.0	ug/L	10.0	3.0	10		08/04/23 12:16	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2103 DUP Lab ID: 40265850004 Collected: 07/26/23 14:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<2.9	ug/L	10.0	2.9	10		08/04/23 12:16	107-06-2	
1,1-Dichloroethene	<5.8	ug/L	10.0	5.8	10		08/04/23 12:16	75-35-4	
cis-1,2-Dichloroethene	87.0	ug/L	10.0	4.7	10		08/04/23 12:16	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/L	10.0	5.3	10		08/04/23 12:16	156-60-5	
1,2-Dichloropropane	<4.5	ug/L	10.0	4.5	10		08/04/23 12:16	78-87-5	
1,3-Dichloropropane	<3.0	ug/L	10.0	3.0	10		08/04/23 12:16	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	10.0	4.2	10		08/04/23 12:16	594-20-7	
1,1-Dichloropropene	<4.1	ug/L	10.0	4.1	10		08/04/23 12:16	563-58-6	
cis-1,3-Dichloropropene	<2.4	ug/L	10.0	2.4	10		08/04/23 12:16	10061-01-5	
trans-1,3-Dichloropropene	<2.7	ug/L	10.0	2.7	10		08/04/23 12:16	10061-02-6	
Diisopropyl ether	<11.0	ug/L	50.0	11.0	10		08/04/23 12:16	108-20-3	
Ethylbenzene	<3.3	ug/L	10.0	3.3	10		08/04/23 12:16	100-41-4	
Hexachloro-1,3-butadiene	<27.4	ug/L	50.0	27.4	10		08/04/23 12:16	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	50.0	10.0	10		08/04/23 12:16	98-82-8	
p-Isopropyltoluene	<10.4	ug/L	50.0	10.4	10		08/04/23 12:16	99-87-6	
Methylene Chloride	<3.2	ug/L	50.0	3.2	10		08/04/23 12:16	75-09-2	
Methyl-tert-butyl ether	<11.3	ug/L	50.0	11.3	10		08/04/23 12:16	1634-04-4	
Naphthalene	<19.2	ug/L	50.0	19.2	10		08/04/23 12:16	91-20-3	
n-Propylbenzene	<3.5	ug/L	10.0	3.5	10		08/04/23 12:16	103-65-1	
Styrene	<3.6	ug/L	10.0	3.6	10		08/04/23 12:16	100-42-5	
1,1,1,2-Tetrachloroethane	<3.6	ug/L	10.0	3.6	10		08/04/23 12:16	630-20-6	
1,1,2,2-Tetrachloroethane	<3.8	ug/L	10.0	3.8	10		08/04/23 12:16	79-34-5	
Tetrachloroethene	<4.1	ug/L	10.0	4.1	10		08/04/23 12:16	127-18-4	
Toluene	<2.9	ug/L	10.0	2.9	10		08/04/23 12:16	108-88-3	
1,2,3-Trichlorobenzene	<10.2	ug/L	50.0	10.2	10		08/04/23 12:16	87-61-6	
1,2,4-Trichlorobenzene	<9.5	ug/L	50.0	9.5	10		08/04/23 12:16	120-82-1	
1,1,1-Trichloroethane	<3.0	ug/L	10.0	3.0	10		08/04/23 12:16	71-55-6	
1,1,2-Trichloroethane	<3.4	ug/L	10.0	3.4	10		08/04/23 12:16	79-00-5	
Trichloroethene	7.6J	ug/L	10.0	3.2	10		08/04/23 12:16	79-01-6	
Trichlorofluoromethane	<4.2	ug/L	10.0	4.2	10		08/04/23 12:16	75-69-4	
1,2,3-Trichloropropane	<5.6	ug/L	10.0	5.6	10		08/04/23 12:16	96-18-4	
1,2,4-Trimethylbenzene	<4.5	ug/L	10.0	4.5	10		08/04/23 12:16	95-63-6	
1,3,5-Trimethylbenzene	<3.6	ug/L	10.0	3.6	10		08/04/23 12:16	108-67-8	
Vinyl chloride	568	ug/L	10.0	1.7	10		08/04/23 12:16	75-01-4	
Xylene (Total)	<10.5	ug/L	30.0	10.5	10		08/04/23 12:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		10		08/04/23 12:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		08/04/23 12:16	2199-69-1	
Toluene-d8 (S)	105	%	70-130		10		08/04/23 12:16	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 11:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2103 DUP **Lab ID: 40265850004** Collected: 07/26/23 14:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	165	mg/L	20.0	4.3	10		08/03/23 04:25	16887-00-6	
Sulfate	216	mg/L	20.0	4.4	10		08/03/23 04:25	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	429	mg/L	125	37.2	5		08/04/23 12:37		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	45.4J	mg/L	50.0	14.7	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	14.1	mg/L	7.5	2.1	15		08/01/23 15:57	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2103 Lab ID: 40265850005 Collected: 07/26/23 15:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	468	ug/L	5.6	0.39	1		08/02/23 14:19	74-84-0	pH
Ethene	5130	ug/L	250	12.6	50		08/02/23 17:16	74-85-1	pH
Methane	78.8	ug/L	2.8	0.58	1		08/02/23 14:19	74-82-8	pH
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	98.0	mg/L	25.0	5.8	100	08/01/23 06:28	08/03/23 14:42	7439-89-6	
Manganese	1.3	mg/L	0.40	0.12	100	08/01/23 06:28	08/03/23 14:42	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.019	mg/L	0.0047	0.0014	2	08/01/23 06:36	08/02/23 20:42	7440-39-3	
Calcium, Dissolved	463	mg/L	5.1	1.5	20	08/01/23 06:36	08/03/23 13:40	7440-70-2	
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	08/01/23 06:36	08/03/23 13:40	7440-47-3	D3
Iron, Dissolved	109	mg/L	5.0	1.2	20	08/01/23 06:36	08/03/23 13:40	7439-89-6	D9
Lead, Dissolved	<0.0047	mg/L	0.020	0.0047	20	08/01/23 06:36	08/03/23 13:40	7439-92-1	D3
Magnesium, Dissolved	174	mg/L	5.0	0.62	20	08/01/23 06:36	08/03/23 13:40	7439-95-4	
Manganese, Dissolved	1.4	mg/L	0.081	0.024	20	08/01/23 06:36	08/03/23 13:40	7439-96-5	D9
Nickel, Dissolved	0.0085J	mg/L	0.020	0.0057	20	08/01/23 06:36	08/03/23 13:40	7440-02-0	D3
Potassium, Dissolved	10.3J	mg/L	15.8	4.7	20	08/01/23 06:36	08/03/23 13:40	7440-09-7	D3
Sodium, Dissolved	6390	mg/L	25.0	4.2	100	08/01/23 06:36	08/04/23 15:02	7440-23-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1480	ug/L	5000	1480	5000		07/31/23 17:11	71-43-2	
Bromobenzene	<1800	ug/L	5000	1800	5000		07/31/23 17:11	108-86-1	
Bromochloromethane	<1790	ug/L	5000	1790	5000		07/31/23 17:11	74-97-5	
Bromodichloromethane	<2080	ug/L	5000	2080	5000		07/31/23 17:11	75-27-4	
Bromoform	<2140	ug/L	5000	2140	5000		07/31/23 17:11	75-25-2	
Bromomethane	<5960	ug/L	25000	5960	5000		07/31/23 17:11	74-83-9	
n-Butylbenzene	<4290	ug/L	5000	4290	5000		07/31/23 17:11	104-51-8	
sec-Butylbenzene	<2120	ug/L	5000	2120	5000		07/31/23 17:11	135-98-8	
tert-Butylbenzene	<2930	ug/L	5000	2930	5000		07/31/23 17:11	98-06-6	
Carbon tetrachloride	<1850	ug/L	5000	1850	5000		07/31/23 17:11	56-23-5	
Chlorobenzene	<4280	ug/L	5000	4280	5000		07/31/23 17:11	108-90-7	
Chloroethane	<6900	ug/L	25000	6900	5000		07/31/23 17:11	75-00-3	
Chloroform	<2520	ug/L	25000	2520	5000		07/31/23 17:11	67-66-3	
Chloromethane	<8180	ug/L	25000	8180	5000		07/31/23 17:11	74-87-3	
2-Chlorotoluene	<4450	ug/L	25000	4450	5000		07/31/23 17:11	95-49-8	
4-Chlorotoluene	<4470	ug/L	25000	4470	5000		07/31/23 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	<11800	ug/L	25000	11800	5000		07/31/23 17:11	96-12-8	
Dibromochloromethane	<13200	ug/L	25000	13200	5000		07/31/23 17:11	124-48-1	
1,2-Dibromoethane (EDB)	<1550	ug/L	5000	1550	5000		07/31/23 17:11	106-93-4	
Dibromomethane	<4950	ug/L	25000	4950	5000		07/31/23 17:11	74-95-3	
1,2-Dichlorobenzene	<1630	ug/L	5000	1630	5000		07/31/23 17:11	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2103 Lab ID: 40265850005 Collected: 07/26/23 15:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<1760	ug/L	5000	1760	5000		07/31/23 17:11	541-73-1	
1,4-Dichlorobenzene	<4460	ug/L	5000	4460	5000		07/31/23 17:11	106-46-7	
Dichlorodifluoromethane	<2280	ug/L	25000	2280	5000		07/31/23 17:11	75-71-8	
1,1-Dichloroethane	<1480	ug/L	5000	1480	5000		07/31/23 17:11	75-34-3	
1,2-Dichloroethane	<1460	ug/L	5000	1460	5000		07/31/23 17:11	107-06-2	
1,1-Dichloroethene	<2910	ug/L	5000	2910	5000		07/31/23 17:11	75-35-4	
cis-1,2-Dichloroethene	72600	ug/L	5000	2360	5000		07/31/23 17:11	156-59-2	
trans-1,2-Dichloroethene	<2640	ug/L	5000	2640	5000		07/31/23 17:11	156-60-5	
1,2-Dichloropropane	<2240	ug/L	5000	2240	5000		07/31/23 17:11	78-87-5	
1,3-Dichloropropane	<1520	ug/L	5000	1520	5000		07/31/23 17:11	142-28-9	
2,2-Dichloropropane	<2090	ug/L	5000	2090	5000		07/31/23 17:11	594-20-7	
1,1-Dichloropropene	<2050	ug/L	5000	2050	5000		07/31/23 17:11	563-58-6	
cis-1,3-Dichloropropene	<1190	ug/L	5000	1190	5000		07/31/23 17:11	10061-01-5	
trans-1,3-Dichloropropene	<1330	ug/L	5000	1330	5000		07/31/23 17:11	10061-02-6	
Diisopropyl ether	<5500	ug/L	25000	5500	5000		07/31/23 17:11	108-20-3	
Ethylbenzene	<1630	ug/L	5000	1630	5000		07/31/23 17:11	100-41-4	
Hexachloro-1,3-butadiene	<13700	ug/L	25000	13700	5000		07/31/23 17:11	87-68-3	
Isopropylbenzene (Cumene)	<5000	ug/L	25000	5000	5000		07/31/23 17:11	98-82-8	
p-Isopropyltoluene	<5220	ug/L	25000	5220	5000		07/31/23 17:11	99-87-6	
Methylene Chloride	<1600	ug/L	25000	1600	5000		07/31/23 17:11	75-09-2	
Methyl-tert-butyl ether	<5650	ug/L	25000	5650	5000		07/31/23 17:11	1634-04-4	
Naphthalene	<9590	ug/L	25000	9590	5000		07/31/23 17:11	91-20-3	
n-Propylbenzene	<1730	ug/L	5000	1730	5000		07/31/23 17:11	103-65-1	
Styrene	<1780	ug/L	5000	1780	5000		07/31/23 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	<1780	ug/L	5000	1780	5000		07/31/23 17:11	630-20-6	
1,1,1,2,2-Tetrachloroethane	<1890	ug/L	5000	1890	5000		07/31/23 17:11	79-34-5	
Tetrachloroethene	<2040	ug/L	5000	2040	5000		07/31/23 17:11	127-18-4	
Toluene	<1440	ug/L	5000	1440	5000		07/31/23 17:11	108-88-3	
1,2,3-Trichlorobenzene	<5090	ug/L	25000	5090	5000		07/31/23 17:11	87-61-6	
1,2,4-Trichlorobenzene	<4750	ug/L	25000	4750	5000		07/31/23 17:11	120-82-1	
1,1,1-Trichloroethane	<1510	ug/L	5000	1510	5000		07/31/23 17:11	71-55-6	
1,1,2-Trichloroethane	<1720	ug/L	5000	1720	5000		07/31/23 17:11	79-00-5	
Trichloroethene	785000	ug/L	5000	1600	5000		07/31/23 17:11	79-01-6	
Trichlorofluoromethane	<2090	ug/L	5000	2090	5000		07/31/23 17:11	75-69-4	
1,2,3-Trichloropropane	<2780	ug/L	5000	2780	5000		07/31/23 17:11	96-18-4	
1,2,4-Trimethylbenzene	<2240	ug/L	5000	2240	5000		07/31/23 17:11	95-63-6	
1,3,5-Trimethylbenzene	<1790	ug/L	5000	1790	5000		07/31/23 17:11	108-67-8	
Vinyl chloride	<872	ug/L	5000	872	5000		07/31/23 17:11	75-01-4	
Xylene (Total)	<5240	ug/L	15000	5240	5000		07/31/23 17:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		5000		07/31/23 17:11	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		5000		07/31/23 17:11	2199-69-1	
Toluene-d8 (S)	106	%	70-130		5000		07/31/23 17:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2103 **Lab ID: 40265850005** Collected: 07/26/23 15:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	1.4J	mg/L	4.0	1.2	1		08/01/23 11:04		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	833	mg/L	200	43.1	100		08/03/23 04:39	16887-00-6	
Sulfate	8080	mg/L	2000	444	1000		08/03/23 06:20	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	4130	mg/L	500	149	20		08/04/23 12:38		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	7560	mg/L	1000	295	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1490	mg/L	75.0	20.8	150		08/01/23 16:11	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2103 DUP Lab ID: 40265850006 Collected: 07/26/23 15:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	467	ug/L	5.6	0.39	1		08/02/23 14:26	74-84-0	pH
Ethene	5280	ug/L	250	12.6	50		08/02/23 17:23	74-85-1	pH
Methane	79.4	ug/L	2.8	0.58	1		08/02/23 14:26	74-82-8	pH
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	127	mg/L	5.0	1.2	20	08/01/23 06:28	08/02/23 18:59	7439-89-6	
Manganese	1.9	mg/L	0.081	0.024	20	08/01/23 06:28	08/02/23 18:59	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.021	mg/L	0.0047	0.0014	2	08/01/23 06:36	08/02/23 20:57	7440-39-3	
Calcium, Dissolved	441	mg/L	5.1	1.5	20	08/01/23 06:36	08/03/23 13:45	7440-70-2	
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	08/01/23 06:36	08/03/23 13:45	7440-47-3	D3
Iron, Dissolved	115	mg/L	5.0	1.2	20	08/01/23 06:36	08/03/23 13:45	7439-89-6	
Lead, Dissolved	<0.0047	mg/L	0.020	0.0047	20	08/01/23 06:36	08/03/23 13:45	7439-92-1	D3
Magnesium, Dissolved	176	mg/L	5.0	0.62	20	08/01/23 06:36	08/03/23 13:45	7439-95-4	
Manganese, Dissolved	1.4	mg/L	0.081	0.024	20	08/01/23 06:36	08/03/23 13:45	7439-96-5	
Nickel, Dissolved	0.0068J	mg/L	0.020	0.0057	20	08/01/23 06:36	08/03/23 13:45	7440-02-0	D3
Potassium, Dissolved	10.1J	mg/L	15.8	4.7	20	08/01/23 06:36	08/03/23 13:45	7440-09-7	D3
Sodium, Dissolved	6430	mg/L	25.0	4.2	100	08/01/23 06:36	08/04/23 15:09	7440-23-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<1480	ug/L	5000	1480	5000		07/31/23 17:30	71-43-2	
Bromobenzene	<1800	ug/L	5000	1800	5000		07/31/23 17:30	108-86-1	
Bromochloromethane	<1790	ug/L	5000	1790	5000		07/31/23 17:30	74-97-5	
Bromodichloromethane	<2080	ug/L	5000	2080	5000		07/31/23 17:30	75-27-4	
Bromoform	<2140	ug/L	5000	2140	5000		07/31/23 17:30	75-25-2	
Bromomethane	<5960	ug/L	25000	5960	5000		07/31/23 17:30	74-83-9	
n-Butylbenzene	<4290	ug/L	5000	4290	5000		07/31/23 17:30	104-51-8	
sec-Butylbenzene	<2120	ug/L	5000	2120	5000		07/31/23 17:30	135-98-8	
tert-Butylbenzene	<2930	ug/L	5000	2930	5000		07/31/23 17:30	98-06-6	
Carbon tetrachloride	<1850	ug/L	5000	1850	5000		07/31/23 17:30	56-23-5	
Chlorobenzene	<4280	ug/L	5000	4280	5000		07/31/23 17:30	108-90-7	
Chloroethane	<6900	ug/L	25000	6900	5000		07/31/23 17:30	75-00-3	
Chloroform	<2520	ug/L	25000	2520	5000		07/31/23 17:30	67-66-3	
Chloromethane	<8180	ug/L	25000	8180	5000		07/31/23 17:30	74-87-3	
2-Chlorotoluene	<4450	ug/L	25000	4450	5000		07/31/23 17:30	95-49-8	
4-Chlorotoluene	<4470	ug/L	25000	4470	5000		07/31/23 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	<11800	ug/L	25000	11800	5000		07/31/23 17:30	96-12-8	
Dibromochloromethane	<13200	ug/L	25000	13200	5000		07/31/23 17:30	124-48-1	
1,2-Dibromoethane (EDB)	<1550	ug/L	5000	1550	5000		07/31/23 17:30	106-93-4	
Dibromomethane	<4950	ug/L	25000	4950	5000		07/31/23 17:30	74-95-3	
1,2-Dichlorobenzene	<1630	ug/L	5000	1630	5000		07/31/23 17:30	95-50-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2103 DUP Lab ID: 40265850006 Collected: 07/26/23 15:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,3-Dichlorobenzene	<1760	ug/L	5000	1760	5000		07/31/23 17:30	541-73-1	
1,4-Dichlorobenzene	<4460	ug/L	5000	4460	5000		07/31/23 17:30	106-46-7	
Dichlorodifluoromethane	<2280	ug/L	25000	2280	5000		07/31/23 17:30	75-71-8	
1,1-Dichloroethane	<1480	ug/L	5000	1480	5000		07/31/23 17:30	75-34-3	
1,2-Dichloroethane	<1460	ug/L	5000	1460	5000		07/31/23 17:30	107-06-2	
1,1-Dichloroethene	<2910	ug/L	5000	2910	5000		07/31/23 17:30	75-35-4	
cis-1,2-Dichloroethene	63700	ug/L	5000	2360	5000		07/31/23 17:30	156-59-2	
trans-1,2-Dichloroethene	<2640	ug/L	5000	2640	5000		07/31/23 17:30	156-60-5	
1,2-Dichloropropane	<2240	ug/L	5000	2240	5000		07/31/23 17:30	78-87-5	
1,3-Dichloropropane	<1520	ug/L	5000	1520	5000		07/31/23 17:30	142-28-9	
2,2-Dichloropropane	<2090	ug/L	5000	2090	5000		07/31/23 17:30	594-20-7	
1,1-Dichloropropene	<2050	ug/L	5000	2050	5000		07/31/23 17:30	563-58-6	
cis-1,3-Dichloropropene	<1190	ug/L	5000	1190	5000		07/31/23 17:30	10061-01-5	
trans-1,3-Dichloropropene	<1330	ug/L	5000	1330	5000		07/31/23 17:30	10061-02-6	
Diisopropyl ether	<5500	ug/L	25000	5500	5000		07/31/23 17:30	108-20-3	
Ethylbenzene	<1630	ug/L	5000	1630	5000		07/31/23 17:30	100-41-4	
Hexachloro-1,3-butadiene	<13700	ug/L	25000	13700	5000		07/31/23 17:30	87-68-3	
Isopropylbenzene (Cumene)	<5000	ug/L	25000	5000	5000		07/31/23 17:30	98-82-8	
p-Isopropyltoluene	<5220	ug/L	25000	5220	5000		07/31/23 17:30	99-87-6	
Methylene Chloride	<1600	ug/L	25000	1600	5000		07/31/23 17:30	75-09-2	
Methyl-tert-butyl ether	<5650	ug/L	25000	5650	5000		07/31/23 17:30	1634-04-4	
Naphthalene	<9590	ug/L	25000	9590	5000		07/31/23 17:30	91-20-3	
n-Propylbenzene	<1730	ug/L	5000	1730	5000		07/31/23 17:30	103-65-1	
Styrene	<1780	ug/L	5000	1780	5000		07/31/23 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	<1780	ug/L	5000	1780	5000		07/31/23 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	<1890	ug/L	5000	1890	5000		07/31/23 17:30	79-34-5	
Tetrachloroethene	<2040	ug/L	5000	2040	5000		07/31/23 17:30	127-18-4	
Toluene	<1440	ug/L	5000	1440	5000		07/31/23 17:30	108-88-3	
1,2,3-Trichlorobenzene	<5090	ug/L	25000	5090	5000		07/31/23 17:30	87-61-6	
1,2,4-Trichlorobenzene	<4750	ug/L	25000	4750	5000		07/31/23 17:30	120-82-1	
1,1,1-Trichloroethane	<1510	ug/L	5000	1510	5000		07/31/23 17:30	71-55-6	
1,1,2-Trichloroethane	<1720	ug/L	5000	1720	5000		07/31/23 17:30	79-00-5	
Trichloroethene	694000	ug/L	5000	1600	5000		07/31/23 17:30	79-01-6	
Trichlorofluoromethane	<2090	ug/L	5000	2090	5000		07/31/23 17:30	75-69-4	
1,2,3-Trichloropropane	<2780	ug/L	5000	2780	5000		07/31/23 17:30	96-18-4	
1,2,4-Trimethylbenzene	<2240	ug/L	5000	2240	5000		07/31/23 17:30	95-63-6	
1,3,5-Trimethylbenzene	<1790	ug/L	5000	1790	5000		07/31/23 17:30	108-67-8	
Vinyl chloride	<872	ug/L	5000	872	5000		07/31/23 17:30	75-01-4	
Xylene (Total)	<5240	ug/L	15000	5240	5000		07/31/23 17:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		5000		07/31/23 17:30	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		5000		07/31/23 17:30	2199-69-1	
Toluene-d8 (S)	106	%	70-130		5000		07/31/23 17:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: **PZ-2103 DUP** Lab ID: **40265850006** Collected: 07/26/23 15:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay									
Sulfide	1.4J	mg/L	4.0	1.2	1		08/01/23 11:07		
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Chloride	838	mg/L	200	43.1	100		08/03/23 04:54	16887-00-6	
Sulfate	10100	mg/L	2000	444	1000		08/03/23 06:34	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	4060	mg/L	500	149	20		08/04/23 12:39		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	8110	mg/L	1000	295	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC									
Analytical Method: SM 5310C Pace Analytical Services - Green Bay									
Total Organic Carbon	1530	mg/L	75.0	20.8	150		08/01/23 16:27	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2111 Lab ID: 40265850007 Collected: 07/27/23 09:55 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	92.4	ug/L	5.6	0.39	1		08/02/23 14:33	74-84-0	
Ethene	131	ug/L	5.0	0.25	1		08/02/23 14:33	74-85-1	
Methane	5120	ug/L	140	28.8	50		08/02/23 17:30	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	8970	mg/L	125	29.0	500	08/01/23 06:28	08/03/23 14:47	7439-89-6	P4
Manganese	6.4	mg/L	2.0	0.61	500	08/01/23 06:28	08/03/23 14:47	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.3	ug/L	1.0	0.30	1		08/04/23 13:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/04/23 13:53	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/04/23 13:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/04/23 13:53	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/04/23 13:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/04/23 13:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/04/23 13:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/04/23 13:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/04/23 13:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/04/23 13:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/04/23 13:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/04/23 13:53	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/04/23 13:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/04/23 13:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/04/23 13:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/04/23 13:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/04/23 13:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/04/23 13:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/04/23 13:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/04/23 13:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/04/23 13:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/04/23 13:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/04/23 13:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/04/23 13:53	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/04/23 13:53	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/04/23 13:53	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/04/23 13:53	75-35-4	
cis-1,2-Dichloroethene	13.9	ug/L	1.0	0.47	1		08/04/23 13:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/04/23 13:53	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/04/23 13:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/04/23 13:53	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/04/23 13:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/04/23 13:53	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/04/23 13:53	10061-01-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-2111 Lab ID: 40265850007 Collected: 07/27/23 09:55 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/04/23 13:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/04/23 13:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/04/23 13:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/04/23 13:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/04/23 13:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/04/23 13:53	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/04/23 13:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/04/23 13:53	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/04/23 13:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/04/23 13:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/04/23 13:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/04/23 13:53	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/04/23 13:53	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/04/23 13:53	127-18-4	
Toluene	0.73J	ug/L	1.0	0.29	1		08/04/23 13:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/04/23 13:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/04/23 13:53	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/04/23 13:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/04/23 13:53	79-00-5	
Trichloroethene	1.5	ug/L	1.0	0.32	1		08/04/23 13:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/04/23 13:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/04/23 13:53	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/04/23 13:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/04/23 13:53	108-67-8	
Vinyl chloride	4.1	ug/L	1.0	0.17	1		08/04/23 13:53	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/04/23 13:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/23 13:53	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		08/04/23 13:53	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		08/04/23 13:53	2037-26-5	
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	687	mg/L	500	147	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	245	mg/L	75.0	20.8	150		08/01/23 16:42	7440-44-0	B

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2111 Lab ID: 40265850008 Collected: 07/27/23 14:40 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	36.8	ug/L	5.6	0.39	1		08/02/23 14:40	74-84-0	pH
Ethene	54.1	ug/L	5.0	0.25	1		08/02/23 14:40	74-85-1	pH
Methane	8780	ug/L	350	72.0	125		08/02/23 17:36	74-82-8	pH
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	163	mg/L	5.0	1.2	20	08/01/23 06:28	08/03/23 15:23	7439-89-6	
Manganese	0.69	mg/L	0.081	0.024	20	08/01/23 06:28	08/03/23 15:23	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.8	mg/L	0.047	0.014	20	08/01/23 06:36	08/03/23 14:01	7440-39-3	
Chromium, Dissolved	<0.0020	mg/L	0.0068	0.0020	2	08/01/23 06:36	08/02/23 21:02	7440-47-3	D3
Iron, Dissolved	172	mg/L	5.0	1.2	20	08/01/23 06:36	08/03/23 14:01	7439-89-6	D9
Lead, Dissolved	0.00072J	mg/L	0.0020	0.00047	2	08/01/23 06:36	08/02/23 21:02	7439-92-1	D3
Manganese, Dissolved	0.74	mg/L	0.081	0.024	20	08/01/23 06:36	08/03/23 14:01	7439-96-5	D9
Nickel, Dissolved	<0.0057	mg/L	0.020	0.0057	20	08/01/23 06:36	08/03/23 14:01	7440-02-0	D3
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.36J	ug/L	1.0	0.30	1		07/31/23 15:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:34	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/31/23 15:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:34	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/31/23 15:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/31/23 15:34	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 15:34	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/31/23 15:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/31/23 15:34	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/31/23 15:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 15:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/31/23 15:34	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/31/23 15:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/31/23 15:34	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 15:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 15:34	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/31/23 15:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/31/23 15:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/31/23 15:34	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/31/23 15:34	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 15:34	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 15:34	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/31/23 15:34	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/31/23 15:34	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:34	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2111 Lab ID: 40265850008 Collected: 07/27/23 14:40 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/31/23 15:34	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		07/31/23 15:34	75-35-4	
cis-1,2-Dichloroethene	7.1	ug/L	1.0	0.47	1		07/31/23 15:34	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/31/23 15:34	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/31/23 15:34	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:34	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:34	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/31/23 15:34	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/31/23 15:34	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/31/23 15:34	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 15:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 15:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/31/23 15:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/31/23 15:34	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/31/23 15:34	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/31/23 15:34	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 15:34	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/31/23 15:34	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 15:34	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:34	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/31/23 15:34	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/31/23 15:34	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/31/23 15:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/31/23 15:34	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/31/23 15:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/31/23 15:34	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/31/23 15:34	79-00-5	
Trichloroethene	0.57J	ug/L	1.0	0.32	1		07/31/23 15:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:34	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/31/23 15:34	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/31/23 15:34	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:34	108-67-8	
Vinyl chloride	0.97J	ug/L	1.0	0.17	1		07/31/23 15:34	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/31/23 15:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/31/23 15:34	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/31/23 15:34	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		07/31/23 15:34	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 11:09		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: **PZ-2111** Lab ID: **40265850008** Collected: 07/27/23 14:40 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	100	mg/L	20.0	4.3	10		08/03/23 05:08	16887-00-6	
Sulfate	<4.4	mg/L	20.0	4.4	10		08/03/23 05:08	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	3110	mg/L	500	149	20		08/04/23 12:40		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	6550	mg/L	1000	295	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	2220	mg/L	150	41.5	300		08/01/23 16:57	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2113 Lab ID: 40265850009 Collected: 07/27/23 12:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	503	ug/L	5.6	0.39	1		08/02/23 14:47	74-84-0	HS,pH
Ethene	18400	ug/L	250	12.6	50		08/02/23 17:43	74-85-1	HS,pH
Methane	60.4	ug/L	2.8	0.58	1		08/02/23 14:47	74-82-8	HS,pH
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	135	mg/L	5.0	1.2	20	08/01/23 06:28	08/03/23 15:29	7439-89-6	
Manganese	1.3	mg/L	0.081	0.024	20	08/01/23 06:28	08/03/23 15:29	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	0.020	mg/L	0.0047	0.0014	2	08/01/23 06:36	08/02/23 21:07	7440-39-3	
Chromium, Dissolved	<0.020	mg/L	0.068	0.020	20	08/01/23 06:36	08/03/23 14:06	7440-47-3	D3
Iron, Dissolved	140	mg/L	5.0	1.2	20	08/01/23 06:36	08/03/23 14:06	7439-89-6	D9
Lead, Dissolved	<0.0047	mg/L	0.020	0.0047	20	08/01/23 06:36	08/03/23 14:06	7439-92-1	D3
Manganese, Dissolved	1.3	mg/L	0.081	0.024	20	08/01/23 06:36	08/03/23 14:06	7439-96-5	
Nickel, Dissolved	0.0076J	mg/L	0.020	0.0057	20	08/01/23 06:36	08/03/23 14:06	7440-02-0	D3
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	10.0	ug/L	1.0	0.30	1		07/31/23 15:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:53	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/31/23 15:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:53	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/31/23 15:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/31/23 15:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 15:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/31/23 15:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/31/23 15:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/31/23 15:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 15:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/31/23 15:53	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/31/23 15:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/31/23 15:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 15:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 15:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/31/23 15:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/31/23 15:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/31/23 15:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/31/23 15:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 15:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 15:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/31/23 15:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/31/23 15:53	75-71-8	
1,1-Dichloroethane	0.50J	ug/L	1.0	0.30	1		07/31/23 15:53	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: **PZ-2113** Lab ID: **40265850009** Collected: 07/27/23 12:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/31/23 15:53	107-06-2	
1,1-Dichloroethene	276	ug/L	1.0	0.58	1		07/31/23 15:53	75-35-4	
cis-1,2-Dichloroethene	45900	ug/L	1250	589	1250		08/04/23 14:52	156-59-2	HS,pH
trans-1,2-Dichloroethene	838	ug/L	1.0	0.53	1		07/31/23 15:53	156-60-5	E
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/31/23 15:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:53	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/31/23 15:53	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/31/23 15:53	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/31/23 15:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 15:53	108-20-3	
Ethylbenzene	0.46J	ug/L	1.0	0.33	1		07/31/23 15:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/31/23 15:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/31/23 15:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/31/23 15:53	99-87-6	
Methylene Chloride	2.2J	ug/L	5.0	0.32	1		07/31/23 15:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 15:53	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/31/23 15:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 15:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/31/23 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	68.3	ug/L	1.0	0.38	1		07/31/23 15:53	79-34-5	
Tetrachloroethene	65.7	ug/L	1.0	0.41	1		07/31/23 15:53	127-18-4	
Toluene	4.0	ug/L	1.0	0.29	1		07/31/23 15:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/31/23 15:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/31/23 15:53	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 15:53	71-55-6	
1,1,2-Trichloroethane	16.1	ug/L	1.0	0.34	1		07/31/23 15:53	79-00-5	
Trichloroethene	367000	ug/L	1250	400	1250		08/04/23 14:52	79-01-6	HS,pH
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 15:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/31/23 15:53	96-18-4	
1,2,4-Trimethylbenzene	0.54J	ug/L	1.0	0.45	1		07/31/23 15:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 15:53	108-67-8	
Vinyl chloride	292	ug/L	1.0	0.17	1		07/31/23 15:53	75-01-4	
Xylene (Total)	1.5J	ug/L	3.0	1.0	1		07/31/23 15:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		07/31/23 15:53	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/31/23 15:53	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		07/31/23 15:53	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	<1.2	mg/L	4.0	1.2	1		08/01/23 11:11		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: PZ-2113 Lab ID: 40265850009 Collected: 07/27/23 12:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	892	mg/L	100	21.6	50		08/03/23 05:22	16887-00-6	
Sulfate	10400	mg/L	1000	222	500		08/03/23 06:49	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	3700	mg/L	250	74.4	10		08/04/23 12:41		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	4850	mg/L	1000	295	1	08/04/23 05:10	08/04/23 07:59		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	1450	mg/L	30.0	8.3	60		08/01/23 17:13	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-113 Lab ID: 40265850010 Collected: 07/27/23 09:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/31/23 13:56	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 13:56	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/31/23 13:56	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 13:56	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/31/23 13:56	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/31/23 13:56	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 13:56	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/31/23 13:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/31/23 13:56	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/31/23 13:56	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 13:56	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/31/23 13:56	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/31/23 13:56	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/31/23 13:56	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 13:56	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 13:56	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/31/23 13:56	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/31/23 13:56	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/31/23 13:56	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/31/23 13:56	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 13:56	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 13:56	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/31/23 13:56	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/31/23 13:56	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 13:56	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/31/23 13:56	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/31/23 13:56	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/31/23 13:56	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/31/23 13:56	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/31/23 13:56	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/31/23 13:56	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/31/23 13:56	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/31/23 13:56	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/31/23 13:56	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/31/23 13:56	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 13:56	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 13:56	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/31/23 13:56	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/31/23 13:56	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/31/23 13:56	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/31/23 13:56	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 13:56	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/31/23 13:56	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 13:56	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/31/23 13:56	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: MW-113 Lab ID: 40265850010 Collected: 07/27/23 09:00 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/31/23 13:56	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/31/23 13:56	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/31/23 13:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/31/23 13:56	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/31/23 13:56	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/31/23 13:56	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 13:56	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/31/23 13:56	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/31/23 13:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 13:56	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/31/23 13:56	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/31/23 13:56	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 13:56	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/31/23 13:56	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/31/23 13:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		07/31/23 13:56	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/31/23 13:56	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		07/31/23 13:56	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: TB-01 Lab ID: 40265850011 Collected: 07/27/23 05:45 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		07/31/23 12:58	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 12:58	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		07/31/23 12:58	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 12:58	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		07/31/23 12:58	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/31/23 12:58	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 12:58	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/31/23 12:58	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/31/23 12:58	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/31/23 12:58	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/31/23 12:58	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/31/23 12:58	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		07/31/23 12:58	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/31/23 12:58	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 12:58	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/31/23 12:58	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/31/23 12:58	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/31/23 12:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/31/23 12:58	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/31/23 12:58	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 12:58	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 12:58	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/31/23 12:58	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/31/23 12:58	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 12:58	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/31/23 12:58	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/31/23 12:58	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/31/23 12:58	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/31/23 12:58	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/31/23 12:58	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/31/23 12:58	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		07/31/23 12:58	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/31/23 12:58	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		07/31/23 12:58	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		07/31/23 12:58	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 12:58	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/31/23 12:58	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/31/23 12:58	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/31/23 12:58	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/31/23 12:58	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/31/23 12:58	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/31/23 12:58	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		07/31/23 12:58	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/31/23 12:58	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		07/31/23 12:58	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60705270 KEP

Pace Project No.: 40265850

Sample: TB-01 Lab ID: 40265850011 Collected: 07/27/23 05:45 Received: 07/28/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		07/31/23 12:58	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/31/23 12:58	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/31/23 12:58	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/31/23 12:58	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/31/23 12:58	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/31/23 12:58	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/31/23 12:58	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		07/31/23 12:58	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/31/23 12:58	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/31/23 12:58	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		07/31/23 12:58	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/31/23 12:58	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/31/23 12:58	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/31/23 12:58	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		07/31/23 12:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		07/31/23 12:58	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/31/23 12:58	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		07/31/23 12:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451264	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:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

METHOD BLANK:	2592692	Matrix:	Water
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	08/02/23 10:17	
Ethene	ug/L	<0.25	5.0	08/02/23 10:17	
Methane	ug/L	<0.58	2.8	08/02/23 10:17	

Parameter	Units	2592693		2592694		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCS % Rec						
Ethane	ug/L	53.6	51.5	50.3	96	94	80-120	2	20		
Ethene	ug/L	50	47.3	46.2	95	92	80-120	2	20		
Methane	ug/L	28.6	27.6	26.9	97	94	80-120	3	20		

Parameter	Units	2593063		2593064		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		40265783036 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Ethane	ug/L	1.1J	53.6	53.6	48.6	51.1	89	93	77-120	5	20
Ethene	ug/L	7.0	50	50	54.0	58.4	94	103	76-120	8	20
Methane	ug/L	47.4	28.6	28.6	98.0	121	177	258	12-198	21	26 M1

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451123	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

METHOD BLANK:	2592096	Matrix:	Water
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	08/02/23 17:52	
Manganese	mg/L	<0.0012	0.0040	08/02/23 17:52	

LABORATORY CONTROL SAMPLE: 2592097						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.3	103	80-120	
Manganese	mg/L	0.25	0.25	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2592098												2592099	
Parameter	Units	40265850001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Iron	mg/L	450	10	10	473	457	234	66	75-125	4	20	P6	
Manganese	mg/L	1.1	0.25	0.25	1.4	1.3	121	112	75-125	2	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451125	Analysis Method:	EPA 6020B
QC Batch Method:	EPA 3010A	Analysis Description:	6020B MET Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009

METHOD BLANK: 2592100 Matrix: Water
 Associated Lab Samples: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	08/03/23 12:59	
Calcium, Dissolved	mg/L	<0.076	0.25	08/03/23 12:59	
Chromium, Dissolved	mg/L	<0.0010	0.0034	08/03/23 12:59	
Iron, Dissolved	mg/L	<0.058	0.25	08/03/23 12:59	
Lead, Dissolved	mg/L	<0.00024	0.0010	08/03/23 12:59	
Magnesium, Dissolved	mg/L	<0.031	0.25	08/03/23 12:59	
Manganese, Dissolved	mg/L	<0.0012	0.0040	08/03/23 12:59	
Nickel, Dissolved	mg/L	<0.00028	0.0010	08/03/23 12:59	
Potassium, Dissolved	mg/L	<0.24	0.79	08/03/23 12:59	
Sodium, Dissolved	mg/L	<0.042	0.25	08/03/23 12:59	

LABORATORY CONTROL SAMPLE: 2592101

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	100	80-120	
Calcium, Dissolved	mg/L	10	10	100	80-120	
Chromium, Dissolved	mg/L	0.25	0.24	98	80-120	
Iron, Dissolved	mg/L	10	10.8	108	80-120	
Lead, Dissolved	mg/L	0.25	0.24	98	80-120	
Magnesium, Dissolved	mg/L	10	9.8	98	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	101	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	101	80-120	
Potassium, Dissolved	mg/L	10	9.9	99	80-120	
Sodium, Dissolved	mg/L	10	9.2	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2592102 2592103

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265850001 Result	Spike Conc.	Spike Conc.	MS Result								
Barium, Dissolved	mg/L	2.0	0.25	0.25	2.2	2.2	91	113	75-125	2	20		
Calcium, Dissolved	mg/L	1170	10	10	1130	1210	-448	361	75-125	7	20	P6	
Chromium, Dissolved	mg/L	<0.0051	0.25	0.25	0.22	0.22	88	88	75-125	1	20		
Iron, Dissolved	mg/L	405	10	10	411	421	60	156	75-125	2	20	P6	
Lead, Dissolved	mg/L	<0.0012	0.25	0.25	0.24	0.25	97	98	75-125	1	20		
Magnesium, Dissolved	mg/L	206	10	10	214	218	74	121	75-125	2	20	P6	
Manganese, Dissolved	mg/L	1.1	0.25	0.25	1.3	1.4	95	111	75-125	3	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

Parameter	Units	2592102		2592103		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265850001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Nickel, Dissolved	mg/L	<0.0014	0.25	0.25	0.24	0.24	96	97	75-125	1	20		
Potassium, Dissolved	mg/L	7.1	10	10	16.3	16.6	92	95	75-125	2	20		
Sodium, Dissolved	mg/L	548	10	10	543	568	-51	199	75-125	5	20	P6	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch: 451026

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009, 40265850010, 40265850011

METHOD BLANK: 2591829

Matrix: Water

Associated Lab Samples: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009, 40265850010, 40265850011

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

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

METHOD BLANK: 2591829

Matrix: Water

Associated Lab Samples: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009, 40265850010, 40265850011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	07/31/23 10:41	
Ethylbenzene	ug/L	<0.33	1.0	07/31/23 10:41	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/31/23 10:41	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/31/23 10:41	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/31/23 10:41	
Methylene Chloride	ug/L	<0.32	5.0	07/31/23 10:41	
n-Butylbenzene	ug/L	<0.86	1.0	07/31/23 10:41	
n-Propylbenzene	ug/L	<0.35	1.0	07/31/23 10:41	
Naphthalene	ug/L	<1.9	5.0	07/31/23 10:41	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/31/23 10:41	
sec-Butylbenzene	ug/L	<0.42	1.0	07/31/23 10:41	
Styrene	ug/L	<0.36	1.0	07/31/23 10:41	
tert-Butylbenzene	ug/L	<0.59	1.0	07/31/23 10:41	
Tetrachloroethene	ug/L	<0.41	1.0	07/31/23 10:41	
Toluene	ug/L	<0.29	1.0	07/31/23 10:41	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/31/23 10:41	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	07/31/23 10:41	
Trichloroethene	ug/L	<0.32	1.0	07/31/23 10:41	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/31/23 10:41	
Vinyl chloride	ug/L	<0.17	1.0	07/31/23 10:41	
Xylene (Total)	ug/L	<1.0	3.0	07/31/23 10:41	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	07/31/23 10:41	
4-Bromofluorobenzene (S)	%	99	70-130	07/31/23 10:41	
Toluene-d8 (S)	%	106	70-130	07/31/23 10:41	

LABORATORY CONTROL SAMPLE: 2591830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	46.4	93	69-130	
1,1,2-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethane	ug/L	50	53.1	106	70-130	
1,1-Dichloroethene	ug/L	50	60.0	120	74-131	
1,2,4-Trichlorobenzene	ug/L	50	44.2	88	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.3	81	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	47.1	94	70-130	
1,2-Dichlorobenzene	ug/L	50	48.3	97	70-130	
1,2-Dichloroethane	ug/L	50	50.9	102	70-137	
1,2-Dichloropropane	ug/L	50	49.4	99	80-121	
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	48.1	96	70-130	
Benzene	ug/L	50	52.1	104	70-130	
Bromodichloromethane	ug/L	50	50.7	101	70-130	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

LABORATORY CONTROL SAMPLE: 2591830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	51.5	103	70-130	
Bromomethane	ug/L	50	48.5	97	21-147	
Carbon tetrachloride	ug/L	50	54.6	109	80-146	
Chlorobenzene	ug/L	50	53.1	106	70-130	
Chloroethane	ug/L	50	55.3	111	52-165	
Chloroform	ug/L	50	52.6	105	80-123	
Chloromethane	ug/L	50	51.3	103	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	70-130	
Dibromochloromethane	ug/L	50	52.7	105	70-130	
Dichlorodifluoromethane	ug/L	50	43.3	87	25-121	
Ethylbenzene	ug/L	50	53.0	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	49.7	99	70-130	
Methyl-tert-butyl ether	ug/L	50	46.4	93	70-130	
Methylene Chloride	ug/L	50	56.9	114	70-130	
Styrene	ug/L	50	60.2	120	70-130	
Tetrachloroethene	ug/L	50	53.4	107	70-130	
Toluene	ug/L	50	51.8	104	80-120	
trans-1,2-Dichloroethene	ug/L	50	53.4	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	70-130	
Trichloroethene	ug/L	50	50.8	102	70-130	
Trichlorofluoromethane	ug/L	50	60.9	122	65-160	
Vinyl chloride	ug/L	50	56.9	114	63-134	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2591923 2591924

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265817004	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	52.8	53.7	106	107	70-134	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	48.0	47.1	96	94	61-135	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	48.6	51.1	97	102	70-130	5	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	53.4	53.3	107	107	70-130	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	58.5	58.3	117	117	71-130	0	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.4	46.5	91	93	68-131	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	40.8	42.4	82	85	51-141	4	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	46.9	47.6	94	95	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.7	50.1	101	100	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	50.8	51.3	102	103	70-137	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	51.2	51.8	102	104	80-121	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.0	52.7	106	105	70-130	0	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

Parameter	Units	2591923			2591924			% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		40265817004	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.7	49.3	101	99	70-130	3	20			
Benzene	ug/L	<0.30	50	50	51.6	53.1	103	106	70-130	3	20			
Bromodichloromethane	ug/L	<0.42	50	50	51.8	53.1	104	106	70-130	2	20			
Bromoform	ug/L	<0.43	50	50	50.2	53.2	100	106	70-133	6	20			
Bromomethane	ug/L	<1.2	50	50	51.4	53.7	103	107	21-149	4	22			
Carbon tetrachloride	ug/L	<0.37	50	50	55.1	56.4	110	113	80-146	2	20			
Chlorobenzene	ug/L	<0.86	50	50	52.3	54.4	105	109	70-130	4	20			
Chloroethane	ug/L	<1.4	50	50	61.1	59.7	122	119	52-165	2	20			
Chloroform	ug/L	<0.50	50	50	52.3	54.2	105	108	80-123	4	20			
Chloromethane	ug/L	<1.6	50	50	52.1	53.0	104	106	42-125	2	20			
cis-1,2-Dichloroethene	ug/L	27.9	50	50	80.0	81.8	104	108	70-130	2	20			
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	49.5	52.1	99	104	70-130	5	20			
Dibromochloromethane	ug/L	<2.6	50	50	50.5	54.6	101	109	70-130	8	20			
Dichlorodifluoromethane	ug/L	<0.46	50	50	41.1	42.3	82	85	25-121	3	20			
Ethylbenzene	ug/L	<0.33	50	50	52.3	53.8	105	108	80-121	3	20			
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	48.9	51.2	98	102	70-130	5	20			
Methyl-tert-butyl ether	ug/L	<1.1	50	50	50.7	50.7	101	101	70-130	0	20			
Methylene Chloride	ug/L	<0.32	50	50	60.0	58.5	120	117	70-130	3	20			
Styrene	ug/L	<0.36	50	50	60.0	63.0	120	126	70-132	5	20			
Tetrachloroethene	ug/L	<0.41	50	50	52.3	54.8	105	110	70-130	5	20			
Toluene	ug/L	<0.29	50	50	51.3	54.0	103	108	80-120	5	20			
trans-1,2-Dichloroethene	ug/L	1.3	50	50	55.6	56.3	109	110	70-130	1	20			
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	46.1	49.6	92	99	70-130	7	20			
Trichloroethene	ug/L	0.37J	50	50	51.9	53.1	103	105	70-130	2	20			
Trichlorofluoromethane	ug/L	<0.42	50	50	59.4	60.3	119	121	65-160	1	20			
Vinyl chloride	ug/L	69.4	50	50	127	128	116	117	60-137	0	20			
Xylene (Total)	ug/L	<1.0	150	150	154	162	103	108	70-130	5	20			
1,2-Dichlorobenzene-d4 (S)	%						102	97	70-130					
4-Bromofluorobenzene (S)	%						100	94	70-130					
Toluene-d8 (S)	%						103	106	70-130					

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451153	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:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009		

METHOD BLANK:	2592191	Matrix:	Water
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	08/01/23 10:32	

LABORATORY CONTROL SAMPLE: 2592192						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.4	44.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2592193												2592194		
Parameter	Units	40265783040 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual		
Sulfide	mg/L	<1.2	46.4	46.4	30.4	27.6	66	59	80-120	10	10	M0		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451048	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:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009		

METHOD BLANK:	2591876	Matrix:	Water
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	08/03/23 02:00	
Sulfate	mg/L	<0.44	2.0	08/03/23 02:00	

LABORATORY CONTROL SAMPLE: 2591877						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.6	108	90-110	
Sulfate	mg/L	20	21.7	108	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2591878												2591879	
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40265850001	Result	Spike Conc.	Spike Conc.								
Chloride	mg/L	978	1000	1000	2050	1980	107	100	90-110	3	15		
Sulfate	mg/L	<22.2	1000	1000	1100	1100	109	110	90-110	0	15		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch: 451477 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: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009

METHOD BLANK: 2593937 Matrix: Water
 Associated Lab Samples: 40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850008, 40265850009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/04/23 12:15	

LABORATORY CONTROL SAMPLE: 2593938

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593939 2593940

Parameter	Units	40265783036 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	348	200	200	557	552	104	102	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593941 2593942

Parameter	Units	40265768003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	243	200	200	461	458	109	108	90-110	1	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451463	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:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

METHOD BLANK:	2593868	Matrix:	Water
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	08/04/23 07:57	

LABORATORY CONTROL SAMPLE: 2593869						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	469	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593870												2593871	
Parameter	Units	40265816001 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	1420	10000	10000	11000	11000	95	96	90-110	0	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2593872												2593873	
Parameter	Units	40265825001 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	733	2000	2000	2550	2600	91	93	90-110	2	10		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60705270 KEP

Pace Project No.: 40265850

QC Batch:	451115	Analysis Method:	SM 5310C
QC Batch Method:	SM 5310C	Analysis Description:	5310C Total Organic Carbon
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

METHOD BLANK:	2592069	Matrix:	Water
Associated Lab Samples:	40265850001, 40265850002, 40265850003, 40265850004, 40265850005, 40265850006, 40265850007, 40265850008, 40265850009		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	0.32J	0.50	08/01/23 13:23	

LABORATORY CONTROL SAMPLE: 2592070						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.7	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2592071												2592072	
Parameter	Units	40265850001 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	3330	6000	6000	9160	9000	97	94	80-120	2	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2592073												2592074	
Parameter	Units	40265850002 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	506	900	900	1390	1400	99	100	80-120	1	10		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: 60705270 KEP

Pace Project No.: 40265850

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

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

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

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

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.

P4 Sample field preservation does not meet EPA or method recommendations for this analysis.

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

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265850

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265850001	PZ-2101	EPA 8015B Modified	451264		
40265850002	MW-2102	EPA 8015B Modified	451264		
40265850003	MW-2103	EPA 8015B Modified	451264		
40265850004	MW-2103 DUP	EPA 8015B Modified	451264		
40265850005	PZ-2103	EPA 8015B Modified	451264		
40265850006	PZ-2103 DUP	EPA 8015B Modified	451264		
40265850007	MW-2111	EPA 8015B Modified	451264		
40265850008	PZ-2111	EPA 8015B Modified	451264		
40265850009	PZ-2113	EPA 8015B Modified	451264		
40265850001	PZ-2101	EPA 3010A	451123	EPA 6020B	451212
40265850002	MW-2102	EPA 3010A	451123	EPA 6020B	451212
40265850003	MW-2103	EPA 3010A	451123	EPA 6020B	451212
40265850004	MW-2103 DUP	EPA 3010A	451123	EPA 6020B	451212
40265850005	PZ-2103	EPA 3010A	451123	EPA 6020B	451212
40265850006	PZ-2103 DUP	EPA 3010A	451123	EPA 6020B	451212
40265850007	MW-2111	EPA 3010A	451123	EPA 6020B	451212
40265850008	PZ-2111	EPA 3010A	451123	EPA 6020B	451212
40265850009	PZ-2113	EPA 3010A	451123	EPA 6020B	451212
40265850001	PZ-2101	EPA 3010A	451125	EPA 6020B	451216
40265850002	MW-2102	EPA 3010A	451125	EPA 6020B	451216
40265850003	MW-2103	EPA 3010A	451125	EPA 6020B	451216
40265850004	MW-2103 DUP	EPA 3010A	451125	EPA 6020B	451216
40265850005	PZ-2103	EPA 3010A	451125	EPA 6020B	451216
40265850006	PZ-2103 DUP	EPA 3010A	451125	EPA 6020B	451216
40265850008	PZ-2111	EPA 3010A	451125	EPA 6020B	451216
40265850009	PZ-2113	EPA 3010A	451125	EPA 6020B	451216
40265850001	PZ-2101	EPA 8260	451026		
40265850002	MW-2102	EPA 8260	451026		
40265850003	MW-2103	EPA 8260	451026		
40265850004	MW-2103 DUP	EPA 8260	451026		
40265850005	PZ-2103	EPA 8260	451026		
40265850006	PZ-2103 DUP	EPA 8260	451026		
40265850007	MW-2111	EPA 8260	451026		
40265850008	PZ-2111	EPA 8260	451026		
40265850009	PZ-2113	EPA 8260	451026		
40265850010	MW-113	EPA 8260	451026		
40265850011	TB-01	EPA 8260	451026		
40265850001	PZ-2101	SM 4500-S F (2000)	451153		
40265850002	MW-2102	SM 4500-S F (2000)	451153		
40265850003	MW-2103	SM 4500-S F (2000)	451153		
40265850004	MW-2103 DUP	SM 4500-S F (2000)	451153		
40265850005	PZ-2103	SM 4500-S F (2000)	451153		
40265850006	PZ-2103 DUP	SM 4500-S F (2000)	451153		
40265850008	PZ-2111	SM 4500-S F (2000)	451153		
40265850009	PZ-2113	SM 4500-S F (2000)	451153		
40265850001	PZ-2101	EPA 300.0	451048		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP

Pace Project No.: 40265850

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265850002	MW-2102	EPA 300.0	451048		
40265850003	MW-2103	EPA 300.0	451048		
40265850004	MW-2103 DUP	EPA 300.0	451048		
40265850005	PZ-2103	EPA 300.0	451048		
40265850006	PZ-2103 DUP	EPA 300.0	451048		
40265850008	PZ-2111	EPA 300.0	451048		
40265850009	PZ-2113	EPA 300.0	451048		
40265850001	PZ-2101	EPA 310.2	451477		
40265850002	MW-2102	EPA 310.2	451477		
40265850003	MW-2103	EPA 310.2	451477		
40265850004	MW-2103 DUP	EPA 310.2	451477		
40265850005	PZ-2103	EPA 310.2	451477		
40265850006	PZ-2103 DUP	EPA 310.2	451477		
40265850008	PZ-2111	EPA 310.2	451477		
40265850009	PZ-2113	EPA 310.2	451477		
40265850001	PZ-2101	EPA 410.4	451463	EPA 410.4	451485
40265850002	MW-2102	EPA 410.4	451463	EPA 410.4	451485
40265850003	MW-2103	EPA 410.4	451463	EPA 410.4	451485
40265850004	MW-2103 DUP	EPA 410.4	451463	EPA 410.4	451485
40265850005	PZ-2103	EPA 410.4	451463	EPA 410.4	451485
40265850006	PZ-2103 DUP	EPA 410.4	451463	EPA 410.4	451485
40265850007	MW-2111	EPA 410.4	451463	EPA 410.4	451485
40265850008	PZ-2111	EPA 410.4	451463	EPA 410.4	451485
40265850009	PZ-2113	EPA 410.4	451463	EPA 410.4	451485
40265850001	PZ-2101	SM 5310C	451115		
40265850002	MW-2102	SM 5310C	451115		
40265850003	MW-2103	SM 5310C	451115		
40265850004	MW-2103 DUP	SM 5310C	451115		
40265850005	PZ-2103	SM 5310C	451115		
40265850006	PZ-2103 DUP	SM 5310C	451115		
40265850007	MW-2111	SM 5310C	451115		
40265850008	PZ-2111	SM 5310C	451115		
40265850009	PZ-2113	SM 5310C	451115		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Document

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

40265850

Page: of

Section A Required Client Information	Section B Required Project Information	Section C Invoice Information
Company AECOM - Milw	Report To Lanette Altenbach	Attention Accounts Payable/Finance Department
Address 1555 N River Center Dr , Suite 214	Copy To	Company Name City of Kenosha
Milwaukee, WI 53212		Address 652 52nd St , Kenosha, WI 53140
Email To Lanette Altenbach@aecom.com	Purchase Order No 200476	Pace Quote Reference
Phone 414-577-1363 Fax	Project Name KEP	Pace Project Manager. Chris Hyska
Requested Due Date/TAT: Standard	Project Number 60705270	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 SAMPLE ID One Character per box (A-Z, 0-9 / . -) Samples IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX DRINKING WATER WATER WASTE WATER PRODUCT SOIL/SOLID OIL WIPE AIR OTHER TISSUE	CODE DW WT WW P SL OL WP AR QT TS	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives									Filtered (Y/N)	Requested Amt	Pace Project Number Lab ID												
						COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other	VOCs B260				TOC	Alkalinity, Cl, SO ₄	Methane/Ethane/Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)				
						DATE	TIME	DATE	TIME																										
						DATE	TIME	DATE	TIME																										
1	PZ-2101	WT	G	7/26	1215	/	/	/		12	X	X	X	X																					001
2	MW-2102	WT		7/27	1130	/	/	/		12	X	X	X	X																				002	
3	MW-2103	WT		7/26	1400	/	/	/		12	X	X	X	X																				003	
4	MW-2103 DUP	WT		7/26	1400	/	/	/		12	X	X	X	X																				004	
5	PZ-2103	WT		7/26	1500	/	/	/		12	X	X	X	X																				005	
6	PZ-2103 DUP	WT		7/26	1500	/	/	/		12	X	X	X	X																				006	
7	MW-2111	WT		7/27	0945	/	/	/		10	X	X	X	X																				Low Volume	
8	PZ-2111	WT			1440	/	/	/		12	X	X	X	X																				008	
9	PZ-2113	WT			1200	/	/	/		12	X	X	X	X																				009	
10	MW-113	WT			0900	/	/	/		3																								010	
11	TB-01	WT			0545	/	/	/		2																								011	
12		WT																																	

Additional Comments.

Total Metals. Fe, Mn

Dissolved Metals. Fe, Mn, Ba, Cr, Pb, Ni

*Diss Ca, Mg, K, Na also for PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS				
Best Analytical	7/27	1430						Y/N	Y/N	Y/N
CS Logistics	07/28/2023	08:40	Matt Sampson	07/28/2023	08:40	0.5		Y	Y	Y
								Y/N	Y/N	Y/N
								Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER _____ DATE Signed (MM/DD/YY) _____

Temp in °C _____ Received on Ice _____ Custody Sealed Cooler _____ Samples Intact _____

Effective Date: 8/16/2022

Client Name: AECOM-MilW

Sample Preservation Receipt Form

Project # 40265850

All containers needing preservation have been checked and noted below
 Lab Lot# of pH paper

Yes No N/A

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

Initial when completed MJZ Date 07/28/2023
 Time 11:45

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			1					1		2	1	1				2																					2.5 / 5
002			1					1		2	1	1				2																				2.5 / 5	
003			1					1		2	1	1				2																				2.5 / 5	
004			1					1		2	1	1				2																				2.5 / 5	
005			1					1		2	1	1				2																				2.5 / 5	
006			1					1		2	1	1				2																				2.5 / 5	
007			1					1		2	1	1				2																				2.5 / 5	
008			1					1		2	1	1				2																				2.5 / 5	
009			1					1		2	1	1				2																				2.5 / 5	
010			1					1		2	1	1				2																				2.5 / 5	
011			1					1		2	1	1				2																				2.5 / 5	
012			1					1		2	1	1				2																				2.5 / 5	
013			1					1		2	1	1				2																				2.5 / 5	
014			1					1		2	1	1				2																				2.5 / 5	
015			1					1		2	1	1				2																				2.5 / 5	
016			1					1		2	1	1				2																				2.5 / 5	
017			1					1		2	1	1				2																				2.5 / 5	
018			1					1		2	1	1				2																				2.5 / 5	
019			1					1		2	1	1				2																				2.5 / 5	
020			1					1		2	1	1				2																				2.5 / 5	

Handwritten notes: MJZ, 07/28/2023

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

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: AFCOM-Milw

WO#: **40265850**

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

Cooler Temperature Uncorr: 0.5 /Corr: 0.5

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

Person examining contents:

Date: 07/28/2023 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 type="checkbox"/> Yes <input checked="" 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</u> , Pace IR, Non-Pace		
Containers Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	10. Sample point 002 had one broken VGHH vial 8/7/28/2023
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: <u>7128123 mp</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. 007 "955" 7128123 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>503</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 logit



September 07, 2023

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

RE: Project: 60682984 KEP
Pace Project No.: 40267350

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on August 29, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

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

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

Enclosures

cc: Keith Nielsen, AECOM



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



CERTIFICATIONS

Project: 60682984 KEP

Pace Project No.: 40267350

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE SUMMARY

Project: 60682984 KEP
Pace Project No.: 40267350

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40267350001	PZ-2113	Water	08/28/23 12:20	08/29/23 09:15
40267350002	TB-02	Water	08/28/23 12:30	08/29/23 09:15
40267350003	TB-03	Water	08/28/23 12:30	08/29/23 09:15

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SAMPLE ANALYTE COUNT

Project: 60682984 KEP

Pace Project No.: 40267350

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40267350001	PZ-2113	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	TXW	2	PASI-G
		EPA 6020B	TXW	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	EXM	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40267350002	TB-02	EPA 8260	CXJ	63	PASI-G
40267350003	TB-03	EPA 8260	CXJ	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



SUMMARY OF DETECTION

Project: 60682984 KEP

Pace Project No.: 40267350

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40267350001	PZ-2113					
EPA 8015B Modified	Ethane	113	ug/L	5.6	09/01/23 11:30	
EPA 8015B Modified	Ethene	2700	ug/L	200	09/01/23 13:30	
EPA 8015B Modified	Methane	9030	ug/L	112	09/01/23 13:30	
EPA 6020B	Iron	67.8	mg/L	0.50	09/05/23 22:52	
EPA 6020B	Manganese	0.27	mg/L	0.0081	09/05/23 22:52	
EPA 6020B	Barium, Dissolved	1.1	mg/L	0.023	09/05/23 17:01	
EPA 6020B	Iron, Dissolved	56.7	mg/L	2.5	09/05/23 17:01	P6
EPA 6020B	Manganese, Dissolved	0.26	mg/L	0.040	09/05/23 17:01	
EPA 8260	Benzene	0.89J	ug/L	1.0	08/31/23 13:15	
EPA 8260	cis-1,2-Dichloroethene	25.3	ug/L	1.0	08/31/23 13:15	
EPA 8260	trans-1,2-Dichloroethene	2.4	ug/L	1.0	08/31/23 13:15	
EPA 8260	Toluene	0.37J	ug/L	1.0	08/31/23 13:15	
EPA 8260	Trichloroethene	0.88J	ug/L	1.0	08/31/23 13:15	
EPA 8260	Vinyl chloride	87.7	ug/L	1.0	08/31/23 13:15	
SM 4500-S F (2000)	Sulfide	9.6J	mg/L	15.9	08/31/23 13:01	D3
EPA 300.0	Chloride	378	mg/L	40.0	08/30/23 14:15	
EPA 310.2	Alkalinity, Total as CaCO3	1350	mg/L	250	08/30/23 08:38	
EPA 410.4	Chemical Oxygen Demand	2830	mg/L	500	09/06/23 08:11	
SM 5310C	Total Organic Carbon	900	mg/L	50.0	09/05/23 10:41	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: PZ-2113 Lab ID: 40267350001 Collected: 08/28/23 12:20 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Ethane	113	ug/L	5.6	0.39	1		09/01/23 11:30	74-84-0	
Ethene	2700	ug/L	200	10.1	40		09/01/23 13:30	74-85-1	
Methane	9030	ug/L	112	23.0	40		09/01/23 13:30	74-82-8	
6020B MET ICPMS									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Iron	67.8	mg/L	0.50	0.12	2	08/31/23 05:30	09/05/23 22:52	7439-89-6	
Manganese	0.27	mg/L	0.0081	0.0024	2	08/31/23 05:30	09/05/23 22:52	7439-96-5	
6020B MET ICPMS, Dissolved									
Analytical Method: EPA 6020B Preparation Method: EPA 3010A									
Pace Analytical Services - Green Bay									
Barium, Dissolved	1.1	mg/L	0.023	0.0070	10	08/31/23 05:20	09/05/23 17:01	7440-39-3	
Chromium, Dissolved	<0.0010	mg/L	0.0034	0.0010	1	08/31/23 05:20	09/07/23 06:18	7440-47-3	
Iron, Dissolved	56.7	mg/L	2.5	0.58	10	08/31/23 05:20	09/05/23 17:01	7439-89-6	P6
Lead, Dissolved	<0.00024	mg/L	0.0010	0.00024	1	08/31/23 05:20	09/07/23 06:18	7439-92-1	
Manganese, Dissolved	0.26	mg/L	0.040	0.012	10	08/31/23 05:20	09/05/23 17:01	7439-96-5	
Nickel, Dissolved	<0.00028	mg/L	0.0010	0.00028	1	08/31/23 05:20	09/07/23 06:18	7440-02-0	
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.89J	ug/L	1.0	0.30	1		08/31/23 13:15	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/31/23 13:15	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/31/23 13:15	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/31/23 13:15	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/31/23 13:15	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/31/23 13:15	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/31/23 13:15	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/31/23 13:15	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/31/23 13:15	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/31/23 13:15	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/31/23 13:15	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/31/23 13:15	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/31/23 13:15	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/31/23 13:15	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/31/23 13:15	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/31/23 13:15	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/31/23 13:15	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/31/23 13:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/31/23 13:15	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/31/23 13:15	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/31/23 13:15	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/31/23 13:15	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/31/23 13:15	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/31/23 13:15	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/31/23 13:15	75-34-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: PZ-2113 Lab ID: 40267350001 Collected: 08/28/23 12:20 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/31/23 13:15	107-06-2	
1,1-Dichloroethane	<0.58	ug/L	1.0	0.58	1		08/31/23 13:15	75-35-4	
cis-1,2-Dichloroethene	25.3	ug/L	1.0	0.47	1		08/31/23 13:15	156-59-2	
trans-1,2-Dichloroethene	2.4	ug/L	1.0	0.53	1		08/31/23 13:15	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/31/23 13:15	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/31/23 13:15	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/31/23 13:15	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/31/23 13:15	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/31/23 13:15	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/31/23 13:15	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/31/23 13:15	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/31/23 13:15	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/31/23 13:15	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/31/23 13:15	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/31/23 13:15	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/31/23 13:15	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/31/23 13:15	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/31/23 13:15	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/31/23 13:15	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/31/23 13:15	100-42-5	
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/31/23 13:15	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/31/23 13:15	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/31/23 13:15	127-18-4	
Toluene	0.37J	ug/L	1.0	0.29	1		08/31/23 13:15	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/31/23 13:15	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/31/23 13:15	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/31/23 13:15	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/31/23 13:15	79-00-5	
Trichloroethene	0.88J	ug/L	1.0	0.32	1		08/31/23 13:15	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/31/23 13:15	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/31/23 13:15	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/31/23 13:15	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/31/23 13:15	108-67-8	
Vinyl chloride	87.7	ug/L	1.0	0.17	1		08/31/23 13:15	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/31/23 13:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		08/31/23 13:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		08/31/23 13:15	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		08/31/23 13:15	2037-26-5	
4500S2F Sulfide, Iodometric									
Analytical Method: SM 4500-S F (2000)									
Pace Analytical Services - Green Bay									
Sulfide	9.6J	mg/L	15.9	4.8	4		08/31/23 13:01		D3

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: PZ-2113 Lab ID: 40267350001 Collected: 08/28/23 12:20 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Chloride	378	mg/L	40.0	8.6	20		08/30/23 14:15	16887-00-6	
Sulfate	<8.9	mg/L	40.0	8.9	20		08/30/23 14:15	14808-79-8	D3
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO3	1350	mg/L	250	74.4	10		08/30/23 08:38		
410.4 COD									
Analytical Method: EPA 410.4 Preparation Method: EPA 410.4									
Pace Analytical Services - Green Bay									
Chemical Oxygen Demand	2830	mg/L	500	147	1	09/06/23 04:56	09/06/23 08:11		
5310C TOC									
Analytical Method: SM 5310C									
Pace Analytical Services - Green Bay									
Total Organic Carbon	900	mg/L	50.0	13.8	100		09/05/23 10:41	7440-44-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: TB-02 Lab ID: 40267350002 Collected: 08/28/23 12:30 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/30/23 18:18	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/30/23 18:18	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/30/23 18:18	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/30/23 18:18	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/30/23 18:18	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/30/23 18:18	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/30/23 18:18	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/30/23 18:18	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/30/23 18:18	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/30/23 18:18	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/30/23 18:18	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/30/23 18:18	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/30/23 18:18	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/30/23 18:18	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/30/23 18:18	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/30/23 18:18	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/30/23 18:18	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/30/23 18:18	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/30/23 18:18	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/30/23 18:18	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/30/23 18:18	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/30/23 18:18	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/30/23 18:18	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/30/23 18:18	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/30/23 18:18	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/30/23 18:18	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/30/23 18:18	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/30/23 18:18	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/30/23 18:18	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/30/23 18:18	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/30/23 18:18	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/30/23 18:18	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/30/23 18:18	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/30/23 18:18	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/30/23 18:18	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/30/23 18:18	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/30/23 18:18	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/30/23 18:18	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/30/23 18:18	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/30/23 18:18	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/30/23 18:18	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/30/23 18:18	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/30/23 18:18	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/30/23 18:18	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/30/23 18:18	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: TB-02 Lab ID: 40267350002 Collected: 08/28/23 12:30 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/30/23 18:18	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/30/23 18:18	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/30/23 18:18	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/30/23 18:18	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/30/23 18:18	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/30/23 18:18	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/30/23 18:18	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/30/23 18:18	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/30/23 18:18	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/30/23 18:18	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/30/23 18:18	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/30/23 18:18	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/30/23 18:18	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/30/23 18:18	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/30/23 18:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		08/30/23 18:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		08/30/23 18:18	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		08/30/23 18:18	2037-26-5	HS

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: TB-03 Lab ID: 40267350003 Collected: 08/28/23 12:30 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		08/30/23 18:37	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/30/23 18:37	108-86-1	
Bromochloromethane	<0.36	ug/L	1.0	0.36	1		08/30/23 18:37	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/30/23 18:37	75-27-4	
Bromoform	<0.43	ug/L	1.0	0.43	1		08/30/23 18:37	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/30/23 18:37	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/30/23 18:37	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/30/23 18:37	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/30/23 18:37	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/30/23 18:37	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/30/23 18:37	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/30/23 18:37	75-00-3	
Chloroform	<0.50	ug/L	5.0	0.50	1		08/30/23 18:37	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/30/23 18:37	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/30/23 18:37	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/30/23 18:37	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/30/23 18:37	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/30/23 18:37	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/30/23 18:37	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/30/23 18:37	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/30/23 18:37	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/30/23 18:37	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/30/23 18:37	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/30/23 18:37	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/30/23 18:37	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/30/23 18:37	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/30/23 18:37	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/30/23 18:37	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/30/23 18:37	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/30/23 18:37	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/30/23 18:37	142-28-9	
2,2-Dichloropropane	<0.42	ug/L	1.0	0.42	1		08/30/23 18:37	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/30/23 18:37	563-58-6	
cis-1,3-Dichloropropene	<0.24	ug/L	1.0	0.24	1		08/30/23 18:37	10061-01-5	
trans-1,3-Dichloropropene	<0.27	ug/L	1.0	0.27	1		08/30/23 18:37	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/30/23 18:37	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/30/23 18:37	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/30/23 18:37	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/30/23 18:37	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/30/23 18:37	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/30/23 18:37	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/30/23 18:37	1634-04-4	
Naphthalene	<1.9	ug/L	5.0	1.9	1		08/30/23 18:37	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/30/23 18:37	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		08/30/23 18:37	100-42-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



ANALYTICAL RESULTS

Project: 60682984 KEP

Pace Project No.: 40267350

Sample: TB-03 Lab ID: 40267350003 Collected: 08/28/23 12:30 Received: 08/29/23 09:15 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/30/23 18:37	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/30/23 18:37	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/30/23 18:37	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/30/23 18:37	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/30/23 18:37	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/30/23 18:37	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/30/23 18:37	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	1.0	0.34	1		08/30/23 18:37	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/30/23 18:37	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/30/23 18:37	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	1.0	0.56	1		08/30/23 18:37	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/30/23 18:37	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/30/23 18:37	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/30/23 18:37	75-01-4	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		08/30/23 18:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		08/30/23 18:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		08/30/23 18:37	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		08/30/23 18:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453801	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: 40267350001

METHOD BLANK: 2606660 Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	09/01/23 10:59	
Ethene	ug/L	<0.25	5.0	09/01/23 10:59	
Methane	ug/L	<0.58	2.8	09/01/23 10:59	

LABORATORY CONTROL SAMPLE & LCSD: 2606661 2606662

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	47.4	51.8	88	97	80-120	9	20	
Ethene	ug/L	50	43.8	47.7	88	95	80-120	8	20	
Methane	ug/L	28.6	25.3	27.8	88	97	80-120	10	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2607002 2607003

Parameter	Units	40267388004 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	46.3	50.1	86	94	77-120	8	20	
Ethene	ug/L	<0.25	50	50	42.9	46.2	86	92	76-120	8	20	
Methane	ug/L	<0.58	28.6	28.6	24.4	26.7	86	93	12-198	9	26	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453669

Analysis Method: EPA 6020B

QC Batch Method: EPA 3010A

Analysis Description: 6020B MET

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40267350001

METHOD BLANK: 2605916

Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	09/05/23 22:42	
Manganese	mg/L	<0.0012	0.0040	09/05/23 22:42	

LABORATORY CONTROL SAMPLE: 2605917

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.0	100	80-120	
Manganese	mg/L	0.25	0.25	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2605918 2605919

Parameter	Units	2605918		2605919		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267350001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	mg/L	67.8	10	10	77.8	76.5	100	87	75-125	2	20
Manganese	mg/L	0.27	0.25	0.25	0.51	0.50	97	94	75-125	1	20

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453667	Analysis Method: EPA 6020B
QC Batch Method: EPA 3010A	Analysis Description: 6020B MET Dissolved
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40267350001

METHOD BLANK: 2605909 Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	09/05/23 15:34	
Chromium, Dissolved	mg/L	<0.0010	0.0034	09/05/23 15:34	
Iron, Dissolved	mg/L	<0.058	0.25	09/05/23 15:34	
Lead, Dissolved	mg/L	0.00027J	0.0010	09/05/23 15:34	
Manganese, Dissolved	mg/L	<0.0012	0.0040	09/05/23 15:34	
Nickel, Dissolved	mg/L	<0.00028	0.0010	09/05/23 15:34	

LABORATORY CONTROL SAMPLE: 2605910

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.26	105	80-120	
Chromium, Dissolved	mg/L	0.25	0.26	103	80-120	
Iron, Dissolved	mg/L	10	10.4	104	80-120	
Lead, Dissolved	mg/L	0.25	0.26	103	80-120	
Manganese, Dissolved	mg/L	0.25	0.26	103	80-120	
Nickel, Dissolved	mg/L	0.25	0.26	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2605911 2605912

Parameter	Units	2605911		2605912		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Barium, Dissolved	mg/L	1.1	0.25	0.25	1.4	1.3	114	107	75-125	1	20
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.26	0.26	105	103	75-125	2	20
Iron, Dissolved	mg/L	56.7	10	10	69.4	68.2	128	116	75-125	2	20 P6
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.27	0.26	106	104	75-125	2	20
Manganese, Dissolved	mg/L	0.26	0.25	0.25	0.51	0.50	100	96	75-125	2	20
Nickel, Dissolved	mg/L	<0.00028	0.25	0.25	0.26	0.26	104	104	75-125	0	20

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453556

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40267350001, 40267350002, 40267350003

METHOD BLANK: 2605340

Matrix: Water

Associated Lab Samples: 40267350001, 40267350002, 40267350003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	08/30/23 14:21	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	08/30/23 14:21	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	08/30/23 14:21	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	08/30/23 14:21	
1,1-Dichloroethane	ug/L	<0.30	1.0	08/30/23 14:21	
1,1-Dichloroethene	ug/L	<0.58	1.0	08/30/23 14:21	
1,1-Dichloropropene	ug/L	<0.41	1.0	08/30/23 14:21	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	08/30/23 14:21	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	08/30/23 14:21	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/30/23 14:21	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/30/23 14:21	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	08/30/23 14:21	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	08/30/23 14:21	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	08/30/23 14:21	
1,2-Dichloroethane	ug/L	<0.29	1.0	08/30/23 14:21	
1,2-Dichloropropane	ug/L	<0.45	1.0	08/30/23 14:21	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/30/23 14:21	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	08/30/23 14:21	
1,3-Dichloropropane	ug/L	<0.30	1.0	08/30/23 14:21	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	08/30/23 14:21	
2,2-Dichloropropane	ug/L	<0.42	1.0	08/30/23 14:21	
2-Chlorotoluene	ug/L	<0.89	5.0	08/30/23 14:21	
4-Chlorotoluene	ug/L	<0.89	5.0	08/30/23 14:21	
Benzene	ug/L	<0.30	1.0	08/30/23 14:21	
Bromobenzene	ug/L	<0.36	1.0	08/30/23 14:21	
Bromochloromethane	ug/L	<0.36	1.0	08/30/23 14:21	
Bromodichloromethane	ug/L	<0.42	1.0	08/30/23 14:21	
Bromoform	ug/L	<0.43	1.0	08/30/23 14:21	
Bromomethane	ug/L	<1.2	5.0	08/30/23 14:21	
Carbon tetrachloride	ug/L	<0.37	1.0	08/30/23 14:21	
Chlorobenzene	ug/L	<0.86	1.0	08/30/23 14:21	
Chloroethane	ug/L	<1.4	5.0	08/30/23 14:21	
Chloroform	ug/L	<0.50	5.0	08/30/23 14:21	
Chloromethane	ug/L	<1.6	5.0	08/30/23 14:21	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/30/23 14:21	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	08/30/23 14:21	
Dibromochloromethane	ug/L	<2.6	5.0	08/30/23 14:21	
Dibromomethane	ug/L	<0.99	5.0	08/30/23 14:21	
Dichlorodifluoromethane	ug/L	<0.46	5.0	08/30/23 14:21	
Diisopropyl ether	ug/L	<1.1	5.0	08/30/23 14:21	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

METHOD BLANK: 2605340 Matrix: Water

Associated Lab Samples: 40267350001, 40267350002, 40267350003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	08/30/23 14:21	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	08/30/23 14:21	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	08/30/23 14:21	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	08/30/23 14:21	
Methylene Chloride	ug/L	<0.32	5.0	08/30/23 14:21	
n-Butylbenzene	ug/L	<0.86	1.0	08/30/23 14:21	
n-Propylbenzene	ug/L	<0.35	1.0	08/30/23 14:21	
Naphthalene	ug/L	<1.9	5.0	08/30/23 14:21	
p-Isopropyltoluene	ug/L	<1.0	5.0	08/30/23 14:21	
sec-Butylbenzene	ug/L	<0.42	1.0	08/30/23 14:21	
Styrene	ug/L	<0.36	1.0	08/30/23 14:21	
tert-Butylbenzene	ug/L	<0.59	1.0	08/30/23 14:21	
Tetrachloroethene	ug/L	<0.41	1.0	08/30/23 14:21	
Toluene	ug/L	<0.29	1.0	08/30/23 14:21	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	08/30/23 14:21	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	08/30/23 14:21	
Trichloroethene	ug/L	<0.32	1.0	08/30/23 14:21	
Trichlorofluoromethane	ug/L	<0.42	1.0	08/30/23 14:21	
Vinyl chloride	ug/L	<0.17	1.0	08/30/23 14:21	
Xylene (Total)	ug/L	<1.0	3.0	08/30/23 14:21	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	08/30/23 14:21	
4-Bromofluorobenzene (S)	%	101	70-130	08/30/23 14:21	
Toluene-d8 (S)	%	104	70-130	08/30/23 14:21	

LABORATORY CONTROL SAMPLE: 2605341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.3	97	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	50.5	101	69-130	
1,1,2-Trichloroethane	ug/L	50	48.9	98	70-130	
1,1-Dichloroethane	ug/L	50	53.6	107	70-130	
1,1-Dichloroethene	ug/L	50	61.8	124	74-131	
1,2,4-Trichlorobenzene	ug/L	50	40.0	80	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.0	86	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	45.4	91	70-130	
1,2-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,2-Dichloroethane	ug/L	50	50.9	102	70-137	
1,2-Dichloropropane	ug/L	50	52.4	105	80-121	
1,3-Dichlorobenzene	ug/L	50	47.7	95	70-130	
1,4-Dichlorobenzene	ug/L	50	48.1	96	70-130	
Benzene	ug/L	50	51.2	102	70-130	
Bromodichloromethane	ug/L	50	50.5	101	70-130	
Bromoform	ug/L	50	44.1	88	70-130	
Bromomethane	ug/L	50	50.4	101	21-147	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

LABORATORY CONTROL SAMPLE: 2605341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	50.7	101	80-146	
Chlorobenzene	ug/L	50	49.4	99	70-130	
Chloroethane	ug/L	50	59.9	120	52-165	
Chloroform	ug/L	50	50.2	100	80-123	
Chloromethane	ug/L	50	56.2	112	51-122	
cis-1,2-Dichloroethene	ug/L	50	45.7	91	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	
Dibromochloromethane	ug/L	50	49.0	98	70-130	
Dichlorodifluoromethane	ug/L	50	44.4	89	25-121	
Ethylbenzene	ug/L	50	51.6	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	50.4	101	70-130	
Methyl-tert-butyl ether	ug/L	50	43.5	87	70-130	
Methylene Chloride	ug/L	50	50.8	102	70-130	
Styrene	ug/L	50	59.5	119	70-130	
Tetrachloroethene	ug/L	50	47.0	94	70-130	
Toluene	ug/L	50	50.9	102	80-120	
trans-1,2-Dichloroethene	ug/L	50	46.9	94	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	70-130	
Trichloroethene	ug/L	50	47.5	95	70-130	
Trichlorofluoromethane	ug/L	50	60.8	122	65-160	
Vinyl chloride	ug/L	50	62.2	124	63-134	
Xylene (Total)	ug/L	150	154	103	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2605705 2605706

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267300002	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	52.9	53.9	106	108	70-134	2	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	55.4	54.1	111	108	61-135	2	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.4	54.4	103	109	70-130	6	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	57.0	57.5	114	115	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	67.0	65.7	134	131	71-130	2	20	M1	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	42.3	43.3	85	87	68-131	2	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	47.5	45.6	95	91	51-141	4	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.9	50.5	98	101	70-130	3	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	52.1	52.1	104	104	70-130	0	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	53.7	54.0	107	108	70-137	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	56.1	55.8	112	112	80-121	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.2	51.4	104	103	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	52.8	52.0	106	104	70-130	2	20		
Benzene	ug/L	<0.30	50	50	54.7	55.5	109	111	70-130	1	20		

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2605705 2605706												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40267300002 Result	Spike Conc.	Spike Conc.	MS Result							
Bromodichloromethane	ug/L	<0.42	50	50	55.3	56.4	111	113	70-130	2	20	
Bromoform	ug/L	<0.43	50	50	48.7	48.6	97	97	70-133	0	20	
Bromomethane	ug/L	<1.2	50	50	61.0	64.8	122	130	21-149	6	22	
Carbon tetrachloride	ug/L	<0.37	50	50	56.1	58.0	112	116	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	54.0	55.3	108	111	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	60.7	61.7	121	123	52-165	2	20	
Chloroform	ug/L	<0.50	50	50	53.0	54.4	106	109	80-123	3	20	
Chloromethane	ug/L	<1.6	50	50	60.2	59.4	120	119	42-125	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.3	50.0	97	100	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	52.1	52.0	104	104	70-130	0	20	
Dibromochloromethane	ug/L	<2.6	50	50	53.4	54.4	107	109	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	45.6	47.0	91	94	25-121	3	20	
Ethylbenzene	ug/L	<0.33	50	50	56.8	57.3	114	115	80-121	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.1	55.3	108	111	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	47.2	48.9	94	98	70-130	4	20	
Methylene Chloride	ug/L	<0.32	50	50	51.4	38.8	103	78	70-130	28	20	R1
Styrene	ug/L	<0.36	50	50	63.4	64.0	127	128	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.8	51.3	102	103	70-130	1	20	
Toluene	ug/L	<0.29	50	50	54.5	56.0	109	112	80-120	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50.5	52.8	101	106	70-130	5	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	51.7	55.0	103	110	70-130	6	20	
Trichloroethene	ug/L	<0.32	50	50	51.6	52.1	103	104	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	65.1	67.0	130	134	65-160	3	20	
Vinyl chloride	ug/L	<0.17	50	50	67.4	68.4	135	137	60-137	2	20	
Xylene (Total)	ug/L	<1.0	150	150	165	167	110	111	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						97	94	70-130			
4-Bromofluorobenzene (S)	%						103	98	70-130			
Toluene-d8 (S)	%						102	105	70-130			

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453678	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: 40267350001

METHOD BLANK: 2605948 Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	08/31/23 12:46	

LABORATORY CONTROL SAMPLE: 2605949

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46.8	47.2	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2605952 2605953

Parameter	Units	2605952		2605953		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40267388001	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Sulfide	mg/L	<1.2	46.8	46.8	46.8	48.0	100	103	80-120	3	10	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453512

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: 40267350001

METHOD BLANK: 2605181

Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	08/30/23 01:45	
Sulfate	mg/L	<0.44	2.0	08/30/23 01:45	

LABORATORY CONTROL SAMPLE: 2605182

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.9	109	90-110	
Sulfate	mg/L	20	20.9	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2605183 2605184

Parameter	Units	2605183		2605184		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267308001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chloride	mg/L	339	400	400	779	774	110	109	90-110	1	15
Sulfate	mg/L	45.8	400	400	485	483	110	109	90-110	0	15

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch:	453567	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: 40267350001

METHOD BLANK: 2605382 Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/30/23 08:34	

LABORATORY CONTROL SAMPLE: 2605383

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: 2605384 2605385

Parameter	Units	2605384		2605385		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Alkalinity, Total as CaCO3	mg/L	1350	1000	2450	2390	110	104	90-110	2	20	

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453882	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: 40267350001

METHOD BLANK: 2607185 Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	09/06/23 08:08	

LABORATORY CONTROL SAMPLE: 2607186

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: 2607187 2607188

Parameter	Units	2607187		2607188		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267021001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chemical Oxygen Demand	mg/L	714	1000	1000	1730	1710	102	100	90-110	1	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2607189 2607190

Parameter	Units	2607189		2607190		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267342001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chemical Oxygen Demand	mg/L	<52.6	526	526	541	539	98	98	90-110	0	10

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA

Project: 60682984 KEP

Pace Project No.: 40267350

QC Batch: 453883	Analysis Method: SM 5310C
QC Batch Method: SM 5310C	Analysis Description: 5310C Total Organic Carbon
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40267350001

METHOD BLANK: 2607191 Matrix: Water

Associated Lab Samples: 40267350001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	09/05/23 09:22	

LABORATORY CONTROL SAMPLE: 2607192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	12.0	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2607193 2607194

Parameter	Units	2607193		2607194		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267390001	MS Spike Conc.	MSD Spike Conc.	MS Result						
Total Organic Carbon	mg/L	31.1	60	60	84.5	85.0	89	90	80-120	1	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2607195 2607196

Parameter	Units	2607195		2607196		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40267390002	MS Spike Conc.	MSD Spike Conc.	MS Result						
Total Organic Carbon	mg/L	356	180	180	515	519	88	90	80-120	1	10

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

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



QUALIFIERS

Project: 60682984 KEP

Pace Project No.: 40267350

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

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

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

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP

Pace Project No.: 40267350

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40267350001	PZ-2113	EPA 8015B Modified	453801		
40267350001	PZ-2113	EPA 3010A	453669	EPA 6020B	453752
40267350001	PZ-2113	EPA 3010A	453667	EPA 6020B	453749
40267350001	PZ-2113	EPA 8260	453556		
40267350002	TB-02	EPA 8260	453556		
40267350003	TB-03	EPA 8260	453556		
40267350001	PZ-2113	SM 4500-S F (2000)	453678		
40267350001	PZ-2113	EPA 300.0	453512		
40267350001	PZ-2113	EPA 310.2	453567		
40267350001	PZ-2113	EPA 410.4	453882	EPA 410.4	454029
40267350001	PZ-2113	SM 5310C	453883		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



CHAIN-OF-CUSTODY / Analytical Request Document

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

402 67350

Page: of

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

REGULATORY AGENCY		
_NPDES	_X_GROUND WATER	_DRINKING WATER
_UST	_RCRA	OTHER _____

SITE	_GA	_IL	_IN	_MI	_NC
LOCATION	_OH	_SC	_X_WI	OTHER _____	

ITEM #	Section D Required Client Information		COLLECTED				SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives							Requested Analytes	Filtered (Y/N)	Pace Project Number Lab ID			
	Valid Matrix Codes MATRIX DRINKING WATER WATER WASTE WATER PRODUCT SOLID OIL WIPE AIR OTHER TISSUE		CODE DW WT WW P SL OL WP AR OT TS		COMPOSITE START				COMPOSITE END/GRAB		Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH				Na ₂ S ₂ O ₃	Methanol	Other (BAK)
					DATE	TIME			DATE	TIME											
	SAMPLE ID One Character per box (A-Z, 0-9 / , -) Samples IDs MUST BE UNIQUE		MATRIX CODE	SAMPLE TYPE	G-GRAB	C-COMP															
1	D2-2113		WT	X	X	8/24	1220	12	1	22	61							13113311	001		
2	IB-02		WT	X	X	↓	1230			82									002		
3	IB-03		WT	X	X	↓	1230			2									003		
4			WT																		
5			WT																		
6			WT																		
7			WT																		
8			WT																		
9			WT																		
10			WT																		
11			WT																		
12			WT																		

Additional Comments:	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<i>CS Log...</i>	8/29/23	0915	<i>...</i>	8/29/23	0915	1.0 (Y) (Y) (Y)
							Y/N Y/N Y/N
							Y/N Y/N Y/N
							Y/N Y/N Y/N

SAMPLER NAME AND SIGNATURE				Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
PRINT Name of SAMPLER <i>Melissa Greene</i> SIGNATURE of SAMPLER <i>Melissa Greene</i>							
DATE Signed (MM/DD/YY) 08/28/2023							

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: AELCOM

WO#: **40267350**

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-109 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 1.0 / ICorr: 1.0

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:

Date: 8/29/23 Initials: RG

Labeled By Initials: R.A

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 checked="" 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</u> Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC: <u>8/29/23</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>002 1/2 Wals ZD "TB-01"</u> <u>003 1/2 Wals ZD "TB-04"</u> <u>8/29/23</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>492</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