AECOM

Annual Groundwater Monitoring Report - Former Kenosha Engine Plant

5555 30th Avenue, Kenosha, Wisconsin

City of Kenosha

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Quality information

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In conformance with NR 712.09 submittal certification requirements:
"I, Lanette Altenbach, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

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Acronyms, Abbreviations, and Units

AECOM	AECOM Technical Services, Inc.
bgs	below ground surface
Cis-DCE	Cis1,2-dichloroethene
CVOCs	chlorinated volatile organic compounds
DO	dissolved oxygen
ERD	Enhanced Reductive Dechlorination
ES	NR 140 Enforcement Standard
ESA	Environmental Site Assessment
GPS	global positioning system
GW	groundwater
ISCO	In-Situ chemical oxidation
ISCR	In-Situ chemical reduction
KEP	Kenosha Engine Plant
MCL	maximum contaminant level
mL/min	milliliters per minute
ORP	oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
PAL	NR 140 Preventive Action Limit
RADR	Remedial Action Documentation Report
RAOR	Remedial Action Options Report
RDR	Remedial Design Report (Groundwater)
Regenesis	Regenesis Remediation Services
Trans-DCE	Trans-1,2-dichloroethene
TCE	trichloroethene (or also trichloroethylene)
UST	Underground Storage Tank
USEPA	United Stated Environmental Protection Agency
VOCs	volatile organic compounds
WAC	Wisconsin Administrative Code
WDNR	Wisconsin Department of Natural Resources
WPDES	Wisconsin Pollutant Discharge Elimination System

1. Introduction

AECOM Technical Services, Inc. (AECOM) has prepared this Annual Groundwater Monitoring Report (GW Report) for the City of Kenosha to document in-situ groundwater remediation undertaken at the former Kenosha Engine Plant (KEP). The purpose of this report is to provide the results of the January 2023 groundwater sample analysis and discuss the results after one year of groundwater monitoring conducted to evaluate in-situ groundwater remediation.

The KEP is located at 5555 30th Avenue in the City of Kenosha, Kenosha County, Wisconsin. The KEP is located in the southeast ¼ of Section 36, Township 2 North, Range 22 East (Figure 1).

1.1 Contact Information

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1.2 Background

The property is currently vacant. Three groundwater treatment systems are housed in small treatment buildings known as Sump 6 (in the northeast corner of the site), the Central System (Sump 18 located in the middle of the site) and Southern System (Sumps 7 and 17R, located along the southern boundary of the site). The site is relatively level and soil remediation (select areas of vadose zone excavation) have been completed.

Historic environmental impacts resulting from manufacturing operations were reported to the Wisconsin Department of Natural Resource (WDNR) at the time they occurred and/or were discovered by the site operator. To some extent, these impacts were investigated, and remedial efforts were conducted at the time of the reported releases. Investigations were conducted in the 1990's prior to demolition of buildings where manufacturing operations were discontinued. In 2010, manufacturing operations were permanently discontinued as part of the bankruptcy of the Chrysler Corporation. The bankruptcy court ordered the establishment of a bankruptcy trust (Old Carco Liquidation Trust) to administer decommissioning of the plant, sales of equipment, and razing of the buildings. A Phase I Environmental Site Assessment (ESA) and focused Phase II ESAs and Interim Investigations were conducted while Old Carco decommissioned the site. The site was abandoned to the City in 2014 at the end of the bankruptcy process. A site investigation (2015) and soil remediation (2016-2019) were subsequently conducted by the City of Kenosha.

Groundwater remediation planning began during soil remediation and four source areas of trichloroethene (TCE) contamination in the groundwater were identified for treatment. These areas included:

- Treatment Area 1, the largest groundwater plume located over the central portion of the site;
- Treatment Area 2, located along the northern property boundary around MW-31;
- Treatment Area 3, a small area located south of the main gate at the end of 26th Avenue; and
- Treatment Area 4 at the southern property boundary around MW-65 and the Jockey parking lot south of the KEP property boundary.

The majority of monitoring wells that were present during the site investigation were abandoned during soil remediation. A new network of monitoring wells and piezometers were drilled, constructed, and developed around and/or in each of the four remediation areas in November 2020. Figure 2 depicts the four groundwater remediation areas and the monitoring network around the remediation areas and the perimeter of the KEP. Baseline groundwater quality was analyzed from each of the new wells in December 2020 and a confirmatory event was conducted in April 2021.

Technical specifications were prepared to publicly bid groundwater remediation. Bidders were required to develop a remediation design proposal and cost for site-wide treatment to meet a 90% reduction in the contaminant mass, demonstrated within a two-year period. Four proposals were received in September 2020 and each proposal was ranked based on its technical approach, the past performance and experience of the bidder, the prior quality of their work, and the proposed cost of their project. Regenesis Remediation Services (Regenesis) was the selected contractor, based on the ranking criteria.

Regenesis prepared an “Infiltration/Injection Temporary Exemption [from Wisconsin Administrative Code §NR 140] Request which was approved by the WDNR on August 31, 2021. The exemption is valid for three years (until August 2024). The exemption request included a plan for quarterly groundwater monitoring after the treatment was conducted.

Regenesis proposed a combined groundwater remediation approach of sorption-enhanced reductive dechlorination (ERD) and in-situ chemical reduction (ISCR). Regenesis began the site work on October 6, 2021, mobilizing to the site with injection equipment and crews, and injections continued until January 19, 2022, with a break for the holidays.

Post-injection groundwater monitoring was conducted during three events after the completion of injections at each area. Groundwater samples from the monitoring wells associated with each remediation area were collected approximately 30, 60, and 90 days after injections were completed. The treatment completion date and the dates of groundwater sampling are summarized in the table below.

	Area 1	Area 2	Area 3	Area 4
Completion Date	1-18-2022	11-30-2021	10-21-2021	11-3-2021
30-Days Post-Injection	2-22-2022	12-30-2021	11-20-2021	12-8-2021
60-Day Post-Injection	3-21-2022	1-31-2022	12-22-2021	1-12-2022
90-Days Post-Injection	4-25-2022	2-28-2022	1-24-2022	2-7-2022

Quarterly groundwater sampling events in 2022 were conducted the last weeks of April 2022, July 2022, and October 2022. The sample event described in this report was conducted the last week of January 2023.

2. Groundwater Sampling Methods

Before sampling, depth-to-groundwater measurements were collected and used to calculating the groundwater elevation. The groundwater elevations were used to create groundwater contour maps of the water table and piezometer surfaces. Depth to water was measured using an audible water level

indicator and measurements were referenced to the top of the surveyed well casing at each monitoring point.

Prior to sample collection, monitoring wells were purged at a low-flow rate using a peristaltic pump. The wells were purged at a pumping rate of approximately 200 milliliters per minute (mL/min) or less as needed to reduce the turbidity of the groundwater and/or maintain groundwater levels.

Groundwater field measurements, including temperature, pH, conductivity, dissolved oxygen, and oxidation-reduction potential were measured at approximate five-minute intervals using a portable water quality meter (*e.g.,* Aqua Troll or equivalent meter) with a flow through cell. After groundwater field parameters stabilized, groundwater samples were collected at the low-flow sampling rate of 200 mL/min or less as required to maintain the groundwater level without drawdown and low turbidity levels.

Groundwater samples were collected in laboratory-supplied bottles containing preservatives, as appropriate. Duplicate samples (1 per 10 samples) and trip blanks (1 per shipment container or one per day) were submitted for analysis for quality control purposes. The samples were placed on ice in an insulated rigid cooler and delivered with completed chain-of-custody forms to Pace Analytical (a Wisconsin-certified laboratory). Groundwater samples were analyzed using SW846 Method 8260 for volatile organic compounds (VOCs).

At select wells, groundwater samples were also collected for additional organic, metals, and general chemistry parameters. These additional parameters and the analytical methods used include:

Analyte Group	Method
Methane, Ethene, Ethane	SW8015B Modified
Dissolved Metals (barium, chromium, lead, nickel, and iron)	SW6020B
Total Metals (iron and manganese)	SW6020B
Alkalinity	EPA 310.2
Anions (chloride and sulfate)	EPA 300.0
Chemical Oxygen Demand	EPA 410.4
Sulfide	SM 4500-S F
Total organic carbon	SM 5310C

During each quarterly sampling event, groundwater samples were collected from the 31 monitoring wells and 18 piezometers that monitor the four remediation areas. In April and October, semi-annual groundwater sampling of the perimeter wells (outside the fence) was also conducted at the same time as quarterly remediation monitoring (inside the fence). The semi-annual sampling included 15 monitoring wells and three piezometers not included in the remediation monitoring. Three of the monitoring wells and one piezometer considered perimeter wells are inside the fence and are included in the semi-annual perimeter monitoring.

Quality control samples were collected to assess laboratory precision and accuracy. Trip blanks were submitted for analysis of VOCs and seven field duplicate samples were collected and submitted for analysis with each sample event. The laboratory analytical data were validated and reviewed after each sample event.

3. Groundwater Evaluation

The results of the fourth quarterly sampling event after groundwater treatment is provided in this report. Prior data have been submitted quarterly. The measured depth to groundwater and calculated groundwater elevations are included in Table 1.

Groundwater flow at the KEP was easterly to southeasterly at the water table and easterly at the clay-till interface based on the depth to groundwater measurements on January 23, 2023. These flow directions are consistent with the data provided in prior groundwater elevation measurement events. Contoured groundwater elevations for January 2023, depicting groundwater flow, are shown in Figure 3 for the water table potentiometric surface and in Figure 4 for the potentiometric surface measured in the piezometers.

Field parameters, including pH, conductivity, oxygen reducing potential, dissolved oxygen, and temperature, were measured during well purging and recorded following stabilization of each parameter. The field parameter measurements are included in Table 2.

VOCs were measured in the perimeter monitoring wells during the April and October sampling events. The results of the perimeter monitoring wells confirms that the groundwater contamination has not migrated nor spread beyond the property boundaries (with the exception of Area 4 which includes an off-site parcel). Thus, the permit condition for groundwater remediation by injection not causing contaminant spread or migration has been documented. Semi-annual groundwater monitoring will continue according to the monitoring plan.

3.1 January 2023 Results

The groundwater VOC analytical results were compared to the Wisconsin Administrative Code Ch. NR 140.10, Table 1, Public Heath Groundwater Quality Standards, enforcement standards (ES) and preventive action limit (PAL) in general conformance with Wisconsin Administrative Code §NR140.03. The PAL is a concentration that is 10% (for carcinogenic, mutagenic, or teratogenic compounds) to 20% of the enforcement standard. Metals and other geochemical testing is conducted in conformance with the post-remediation groundwater sampling plan as indicators of reductive conditions in the subsurface and remediation progress. These additional analytes are reported below where their concentrations exceed the PAL or ES only for reference and as required by §NR140.03.

The groundwater analytical results for detected VOCs are included in Tables 3a (Area 1), 4a (Area 2), 5a (Area 3) and 6a (Area 4). ES exceedances are depicted in bold and PAL exceedances are shown in underlined italics in each of the tables. Metals and select geochemical parameters are also tested quarterly to evaluate the progress of the remediation. These data are provided in Tables 3b (Area 1), 4b (Area 2), and 5b, and 6b . The laboratory analytical report is attached as Appendix A. The data were validated upon receipt. A copy of the data validation is included in Appendix A.

3.1.1 Area 1

PAL exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

Benzene	MW-2101, MW-2107, MW-2111, PZ-2113, MW-61
cis-1,2-Dichloroethene (cis-DCE)	MW-2102, MW-2105, PZ-2111, PZ-2113
trans-1,2-Dichloroethene (trans-DCE)	MW-2113, PZ-2113
TCE	MW-2105, PZ-2105
Vinyl chloride	MW-2107
Barium	PZ-2113
Manganese (total and dissolved)	MW-2104, MW-2106, MW-2107, PZ-2107, MW-2110, PZ-2110, MW-2112 (total only), PZ-2112, MW-2113, MW-2114, MW-61, PZ-61
Chloride	MW-2103, MW-2110, MW-2111, PZ-2112, MW-2114, PZ-2114
Sulfate	PZ-2114, MW-61

ES exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

Benzene	MW-61(duplicate)
cis-DCE	PZ-2101, MW-2103 (and its duplicate), PZ-2103 (and its duplicate), PZ-2107, MW-2109, MW-2111, MW-2112, MW-2113, MW-61
TCE	PZ-2101, MW-2103 (and its duplicate), PZ-2103 (and its duplicate)

Vinyl chloride	PZ-2101, MW-2102, MW-2103 (and its duplicate), MW-2104, MW-2106, PZ-2107, MW-2108, MW-2109, PZ-2109, MW-2110, MW-2111, PZ-2111, MW-2112, MW-2113, PZ-2113, MW-2114, PZ-2114, MW-61
Barium	PZ-2101, PZ-2111, PZ-2111
Iron (total and dissolved)	MW-2101, PZ-2101, MW-2102, MW-2103 (and its duplicate), PZ-2103, MW-2106, MW-2107, PZ-2107, MW-2110, PZ-2110, MW-2111, PZ-2111, MW-2112, PZ-2112, MW-2113, PZ-2113, MW-2114, MW-61, PZ-61
Manganese (total and dissolved)	PZ-2101, MW-2102, MW-2103 (and its duplicate), PZ-2103, MW-2111, PZ-2111, MW-2112 (total only), PZ-2113
Chloride	PZ-2101, PZ-2103 (and its duplicate), PZ-2107, PZ-2110, PZ-2113, PZ-61
Sulfate	MW-2102, MW-2103 (and its duplicate), PZ-2103, MW-2106, MW-2107, PZ-2107, MW-2110, PZ-2110, MW-2112, MW-2113, MW-2114

The contaminant molar mass in Area 1 was greater in the plume area monitoring wells installed in 2020 than was previously detected in the monitoring wells used during the investigation. Regenesis designed their treatment based on the 2020 contaminant mass. The initial response 30 days after treatment was a 74% reduction in contaminant mass. The calculated mass at the 60-day and 90-day post-treatment response resulted in only a 40-44% reduction in molar mass.

Subsequent quarterly measurements have shown a decrease in contaminant mass, exclusive of piezometers PZ-2101 and PZ-2103, whose increase is likely caused by the desorption of contaminant mass from the soil matrix. Desorption is a desired effect, necessary to make the contaminant available to the treatment chemistry present in the groundwater.

3.1.2 Area 2

PAL exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

TCE	MW-2202
Manganese (total and dissolved)	MW-31, MW-2201

ES exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

Cis-DCE	MW-2201 (and its duplicate)
Vinyl chloride	MW-31, MW-114 (and its duplicate), MW-2201 (and its duplicate)
Iron (total and dissolved)	MW-31, MW-2201
Sulfate	MW-2201

The first four monitoring events (30-day, 60-day and 90-days post-treatment and the quarterly sampling event in April 2022) showed a reduction of molar mass greater than 90%. For the next two quarterly sampling events, in July and October 2022, cis-DCE and vinyl chloride concentrations increased, resulting in a calculated molar mass that was greater than the initial calculated molar mass prior to treatment. This is likely due to mass desorption/degradation cycles, which are typical in aquifer materials with high sorption capacities (e.g., silt, clay). The January sampling data demonstrate a 20% mass reduction compared with the baseline levels.

3.1.3 Area 3

PAL exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

cis-DCE	MW-2302
Methylene chloride	MW-2302
TCE	MW-2303
Iron (total)	PZ-2301
Manganese (total and dissolved)	MW-2303, PZ-2303
Chloride	PZ-2303
Sulfate	MW-2303

ES exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

TCE	MW-2302
Vinyl chloride	MW-2301 duplicate, MW-2302, MW-2303, PZ-2303
Iron (total and dissolved)	MW-2303, PZ-2303, total only MW-2301 (and its duplicate)

Concentrations in the performance wells exhibit a molar mass reduction of 99%. Treatment appears to be effective. Monitoring will continue.

3.1.4 Area 4

PAL exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

trans-DCE	MW-65
Barium	MW-65
Iron (dissolved)	MW-82
Manganese (total and dissolved)	MW-65, MW-82

ES exceedances detected in the January 2023 sampling event included the following analytes at the listed monitoring well or piezometer:

cis-DCE	MW-65
Vinyl chloride	MW-65
Iron (total and dissolved)	MW-65), MW-82 (total only)
Chloride	MW-65, MW-82

The first three monitoring events after treatment indicated a 99% reduction in molar mass. Subsequent events have resulted in higher calculated mass than calculated before treatment due to increased c-DCE VC concentrations in MW-65; however, TCE has not been detected since treatment. Based on the groundwater flow direction the additional contaminant mass is thought to be due to batch flushing from residuals trapped in the railroad ballast. The four monitoring wells and the piezometer on the Jockey property have not had detected analytes since October 2022.

It should be noted that the PVC casing for MW-65 is slightly bent and although tubing can pass through to sample, a bailer cannot. The well is planned for replacement in spring approximately 5 feet north of its current location. The well replacement is planned to be conducted before the April sample event. If the contaminant concentrations continue at the MW-65 replacement well additional treatment along the north side of the railroad property may be implemented.

3.2 Concentration Trends

Treatment Area 1

Select well or piezometer chlorinated VOCs concentrations were graphed over time and compared to groundwater elevation to evaluate if groundwater levels exert a seasonal effect on the concentrations. The selected wells or piezometers included PZ-2101, PZ-2103, MW-2111, PZ-2111 and MW-61. The concentrations in PZ-2101 and PZ-2103 were selected because of the desorption of TCE from the matrix as exhibited by a rise in concentration. Monitoring well MW-2111 and its piezometer, PZ-2111 were selected because they depict the type of concentration trend expected after treatment. MW-61 was selected because the well was included in a previous pilot test for enhanced reductive dechlorination and has had fluctuating concentrations of cis-DCE and vinyl chloride. Iron, manganese, chloride, sulfate and methane, ethane and ethene were graphed for selected Area 1 monitoring wells and piezometers to show the reductive dechlorination progress in this area. For example, the methane, ethane and ethene graph for PZ-2101 depict a rise in ethene, which is anticipated near endpoint for reductive dechlorination. Each of these parameters provide documentation that the treatment process is continuing. These graphs are provided in Appendix B.

Treatment Area 2

Two monitoring wells in Area 2, MW-31 and MW-2201, are the performance monitoring wells; the wells had measurable chlorinated VOC concentrations prior to treatment. Three chlorinated VOCs were graphed against time and groundwater elevation: TCE, cis-DCE, and vinyl chloride. In addition, a vertical line denoting the time of treatment was added for visual reference. After treatment, TCE was no longer detected.

At well MW-2201 cis-DCE and to a lesser extent, vinyl chloride increased. The origin of these VOCs is still being evaluated.

Iron, manganese, chloride, sulfate and methane, ethane and ethene were graphed for MW-31 and MW-2201 in Area 2 to show reductive dechlorination progress in this area. Each of these parameters provide documentation that the treatment process is continuing. These graphs are provided in Appendix C.

Treatment Area 3

Chlorinated VOCs, Iron, manganese, chloride, sulfate and methane, ethane and ethene were graphed for two monitoring wells and their paired piezometers (MW-2301, PZ-2301, MW-2303 and PZ-2303). Each of these parameters provide documentation that the treatment process is continuing as depicted on the graphs of concentrations over time. Except for vinyl chloride, VOCs are no longer detected in these well as a result of the treatment. These graphs are provided in Appendix D.

Treatment Area 4

Two monitoring wells in Area 4, MW-65 and MW-82, are the performance monitoring wells in Area 4. Area 4 includes a portion north of the railroad tracks on the KEP property and a portion south of the railroad tracks in the Jockey International headquarters parking lot. Chlorinated VOCs, Iron, manganese, chloride, sulfate, and methane, ethane and ethene were graphed for these two monitoring wells and the graphs are provided in Appendix E.

3.3 Molar Mass Reduction

Performance of remediation is being measured by the sum of the molar mass calculated for TCE, cis-DCE, trans-1DCE, 1,1-dichloroethene and vinyl chloride.

- Area 1 – A reduction in molar mass is occurring in the performance monitoring wells with the exception of PZ-2101 and PZ-2103.
- Area 2 – A reduction in molar mass is occurring in the performance monitoring wells. The TCE detected before treatment in MW-31 is no longer detected after treatment.

- Area 3 – Mass reduction in Area 3 has consistently been greater than 90% since the area was treated.
- Area 4 – No net molar mass reduction due to increased concentrations of cis-DCE and vinyl chloride in MW-65, although TCE has decreased 100% from baseline concentrations. Area 4 is bifurcated by an active railroad line. Based on the groundwater flow direction the additional contaminant mass is thought to be due to batch flushing from residuals trapped in the railroad ballast. Monitoring well MW-65 is planned to be replaced before the April 2023 monitoring event.

4. Summary and Conclusions

January 2023 was the fourth quarterly groundwater monitoring event after in-situ groundwater treatment at the KEP. Degradation is occurring within each of the treatment areas. Some PAL and ES exceedances are still present in some of the monitoring wells, but the contaminants have not spread beyond the property boundaries, based on concentrations detected (or not) in the perimeter monitoring wells. Monitoring on a quarterly basis will continue for another four quarterly events planned for April 2023, July 2023, November 2023, and January 2024.

Tables

Table 1 Groundwater Measurements and Elevations
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Table 6A Detected Volatile Organic Compounds – Treatment Area 4
Table 6B Select Metals and Geochemical Parameters in Groundwater Treatment Area 4

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)	620.15		606.99		620.40		619.24		606.41		620.11	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft)[A]	17.4		23		16.7		16.9		21.9		17	
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
3/21/2021	10.74	616.81	11.25	616.74	10.11	616.99	9.12	617.02	9.93	616.38	10.04	617.07
4/25/2022	9.02	618.53	9.71	618.28	8.14	618.96	6.74	619.40	7.05	619.26	7.49	619.62
5/17/2022	9.81	617.74	10.42	617.57	9.15	617.95	7.89	618.25	8.21	618.10	8.65	618.46
7/25/2022	10.07	617.48	10.78	617.21	9.67	617.43	8.64	617.50	8.93	617.38	9.85	617.26
10/24/2022	10.61	616.94	10.43	617.56	10.12	616.98	9.12	617.02	9.59	616.72	10.02	617.09
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

ft = feet

[A] = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

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

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)	620.88		602.89		621.41		620.82		604.76		619.98	
Screen Length (ft)	10		2		10		10		2		10	
TOC to Bottom of Well (ft)[A]	16.5		26.8		17.7		17.5		25.9		17.6	
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
3/21/2021	11.05	616.33	11.76	615.93	13.64	615.47	13.29	615.03	13.58	615.08	12.89	614.69
4/25/2022	9.34	618.04	10.37	617.32	12.27	616.84	12.45	615.87	12.81	615.85	12.14	615.44
5/17/2022	9.85	617.53	9.85	617.84	11.97	617.14	12.32	616.00	12.67	615.99	12.28	615.30
7/25/2022	10.37	617.01	10.57	617.12	13.01	616.10	12.91	615.41	13.22	615.44	12.58	615.00
10/24/2022	10.77	616.61	10.89	616.80	13.33	615.78	13.42	614.90	13.08	615.58	12.77	614.81
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

ft = feet

[A] = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

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

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)	619.94		606.73		619.90		606.15		620.33		631.18	
Screen Length (ft)	10		2		10		2		10		2.5	
TOC to Bottom of Well (ft)[A]	17.1		22.5		17.1		22.8		18			
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
3/21/2021	12.83	614.21	13.03	614.20	12.90	614.10	12.89	614.06	12.55	615.78	12.71	615.97
4/25/2022	11.79	615.25	11.98	615.25	9.65	617.35	11.17	615.78	9.65	618.68	10.04	618.64
5/17/2022	11.85	615.19	12.06	615.17	11.38	615.62	11.31	615.64	10.64	617.69	11.01	617.67
7/25/2022	12.65	614.39	12.89	614.34	12.55	614.45	12.51	614.44	12.18	616.15	12.55	616.13
10/24/2022	12.84	614.20	13.01	614.22	12.91	614.09	12.85	614.10	12.46	615.87	12.79	615.89
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

ft = feet

[A] = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

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

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)	619.32		605.48		620.33		606.46		620.10		607.10		616.73		603.85	
Screen Length (ft)	10		2		10		2		10		2		10		2.5	
TOC to Bottom of Well (ft)[A]	17		23		17		22.9		16.7		21.7		17.3		22.8	
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
3/21/2021	10.46	615.86	10.73	615.75	11.18	616.15	11.39	615.97	10.86	615.94	10.96	615.84	9.66	614.37	9.84	614.31
4/25/2022	8.17	618.15	8.32	618.16	8.71	618.62	12.96	614.40	9.29	617.51	9.34	617.46	9.50	614.53	9.50	614.65
5/17/2022	9.25	617.07	10.33	616.15	9.88	617.45	9.96	617.40	9.39	617.41	9.42	617.38	8.67	615.36	8.95	615.20
7/25/2022	10.11	616.21	10.22	616.26	10.77	616.56	10.87	616.49	10.42	616.38	10.48	616.32	9.47	614.56	9.64	614.51
10/24/2022	10.47	615.85	10.65	615.83	11.17	616.16	11.23	616.13	10.69	616.11	10.73	616.07	9.29	614.74	9.64	614.51
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

ft = feet

[A] = as measured inside well

NI = Not Installed

NM = Not Measured

-- no elevation

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

Well Number	MW-2201		MW-2202		PZ-2202		MW-2203		PZ-2203		MW-31		MW-113	
Ground Elevation (ft)	626.06		625.52		625.62		624.95		624.81		624.38		623.51	
Top of PVC Casing (TOC) Elevation (ft)	628.22		627.89		627.74		627.38		627.21		627.67		623.15	
Top of Screen Elevation (ft)	620.52		620.09		606.24		619.38		604.81		615.97		619.64	
Screen Length (ft)	10		10		2.5		10		2.5		10		10	
TOC to Bottom of Well (ft)[A]	17.7		17.8		24		18		24.9		21.7		13.51	
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	17.66	610.56	17.72	610.17	12.19	615.55	13.77	613.61	13.73	613.48	13.58	614.09	10.99	612.16
4/5/2021	11.29	616.93	9.64	618.25	9.50	618.24	12.06	615.32	12.26	614.95	11.95	615.72	10.40	612.75
6/16/2021	12.76	615.46	11.48	616.41	11.32	616.42	13.66	613.72	13.63	613.58	13.47	614.20	11.11	612.04
10/6/2021	13.97	614.25	13.41	614.48	13.39	614.35	14.65	612.73	14.53	612.68	14.56	613.11	11.49	611.66
12/15/2021	11.67	616.55	10.15	617.74	11.17	616.57	13.27	614.11	13.22	613.99	12.65	615.02	10.55	612.60
12/30/2021	11.47	616.75	10.04	617.85	11.21	616.53	13.27	614.11	13.35	613.86	12.75	614.92	NM	--
1/31/2022	13.90	614.32	11.30	616.59	11.42	616.32	13.47	613.91	13.44	613.77	13.09	614.58	NM	--
2/28/2022	11.92	616.30	11.60	616.29	11.50	616.24	13.52	613.86	13.45	613.76	13.01	614.66	NM	--
4/25/2022	8.09	620.13	5.93	621.96	8.04	619.70	9.89	617.49	10.43	616.78	8.89	618.78	8.74	614.41
7/25/2022	11.61	616.61	10.05	617.84	10.82	616.92	13.22	614.16	13.21	614.00	12.78	614.89	10.69	612.46
10/24/2022	11.70	616.52	11.00	616.89	10.82	616.92	13.51	613.87	13.47	613.74	14.07	613.60	11.07	612.08
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

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation

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

Well Number	MW-114		PZ-118	
Ground Elevation (ft)	623.06		622.64	
Top of PVC Casing (TOC) Elevation (ft)	622.57		622.33	
Top of Screen Elevation (ft)	619.14		602.99	
Screen Length (ft)	10		2.5	
TOC to Bottom of Well (ft)[A]	13.43		21.84	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	8.43	614.14	8.77	613.56
4/5/2021	8.22	614.35	7.42	614.91
6/16/2021	8.50	614.07	8.91	613.42
10/6/2021	9.01	613.56	9.76	612.57
12/15/2021	8.89	613.68	8.24	614.09
12/30/2021	8.04	614.53	8.30	614.03
1/31/2022	8.90	613.67	9.33	613.00
2/28/2022	8.09	614.48	8.48	613.85
4/25/2022	5.40	617.17	5.24	617.09
7/25/2022	7.62	614.95	8.04	614.29
10/24/2022	7.46	615.11	8.71	613.62
1/23/2023	6.72	615.85	7.82	614.51

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation

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

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

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation

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

Well Number	MW-65		MW-79		MW-80		MW-81		MW-82		PZ-82		MW-44		MW-108	
Ground Elevation (ft)	624.24		624.88		624.21		624.63		625.10		625.10		624.86		624.00	
Top of PVC Casing (TOC) Elevation (ft)	627.63		624.62		623.81		624.35		624.89		624.89		624.54		623.83	
Top of Screen Elevation (ft)	614.64		617.89		617.00		617.39		618.00		618.00		620.07		619.73	
Screen Length (ft)	10		10		10		10		10		2		10		10	
TOC to Bottom of Well (ft)[A]	22.99		16.5		16.5		16.5		16.5		24.31		14.47		14.1	
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	15.39	612.24	NM	--	NM	--	NM	--	NM	--	NI	--	11.57	608.50	8.53	611.20
4/5/2021	14.04	613.59	9.44	615.18	6.18	617.63	9.16	615.19	10.69	614.20	NI	--	10.49	609.58	4.76	614.97
6/16/2021	14.94	612.69	10.10	614.52	7.02	616.79	10.72	613.63	16.04	608.85	NI	--	11.36	608.71	9.34	610.39
10/6/2021	15.72	611.91	11.06	613.56	8.65	615.16	11.73	612.62	12.65	612.24	12.75	612.14	12.21	607.86	10.09	609.64
12/8/2021	16.01	611.62	11.17	613.45	8.83	614.98	11.74	612.61	12.82	612.07	12.49	605.51	12.05	608.02	9.07	610.66
12/15/2021	15.42	612.21	10.68	613.94	7.39	616.42	10.75	613.60	12.27	612.62	11.98	612.91	11.65	608.42	7.14	612.59
1/12/2022	14.80	612.83	10.24	614.38	7.44	616.37	10.65	613.70	11.81	613.08	11.78	613.11	11.56	608.51	NM	--
2/7/2022	14.93	612.70	10.82	613.80	8.57	615.24	10.98	613.37	12.01	612.88	11.50	613.39	12.15	607.92	8.48	611.25
4/25/2022	13.45	614.18	6.61	618.01	3.19	620.62	7.19	617.16	9.32	615.57	10.75	614.14	10.02	610.05	3.02	616.71
7/25/2022	14.47	613.16	8.56	616.06	4.23	619.58	9.18	615.17	10.55	614.34	10.71	614.39	10.40	609.67	7.64	612.09
10/24/2022	15.76	611.87	10.45	614.17	7.82	615.99	11.39	612.96	12.36	612.53	11.78	613.11	12.41	607.66	9.27	610.46
1/23/2023	15.15	612.48	9.66	614.96	6.40	617.41	10.35	614.00	10.72	614.17	11.37	613.52	11.53	608.54	7.16	612.57

ft = feet
[A] = as measured inside well

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

NI = Not Installed
NM = Not Measured
-- no elevation
Note: 5-17-18 the cap on MW-80 was loose and asphalt/gravel was obtained during purging.

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2101	12/09/20	7.12	NM	-97.5	1.339	14.20	644.38
		04/08/21	6.78	0.41	116.5	1.267	10.29	40.41
		02/22/22	7.65	0.20	-205.7	1.459	7.89	4.66
		03/21/22	7.18	0.07	-154.6	1.286	10.00	2.23
		04/27/22	7.60	0.11	75.6	1.401	8.05	0.96
		07/27/22	7.50	0.04	-288.4	1.343	16.46	0.00
		10/27/22	7.51	0.02	-309.5	1.125	15.29	127.11
		01/25/23	8.90	0.18	-400.4	1.048	8.15	39.09
1	PZ-2101	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
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
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
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
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
1	MW-2105	12/14/20	7.01	0.11	-71.9	1.885	9.93	14.48
		04/08/21	7.11	0.17	-61.3	1.621	10.31	1.91
		02/23/22	7.20	0.16	-81.9	2.270	7.77	11.58
		03/23/22	7.10	0.17	63.0	1.726	9.13	9.43
		04/26/22	7.34	0.52		1.974	9.34	-87.70
		07/26/22	6.62	0.03	-91.2	2.031	17.56	16.72
		10/24/22	7.24	0.05	-214.9	2.545	16.42	15.11
		01/23/23	6.90	0.06	-169.6	2.198	7.62	0.00

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	PZ-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
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
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
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
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
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						
		01/24/23	8.41	0.61	-33.9	1.926	9.50	26.47
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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2110	12/15/20	7.95	0.10	-57.4	1.665	10.83	0.00
		04/07/21	6.83	0.26	38.2	2.128	11.16	18.37
		02/21/22	7.19	0.09	47.4	1.491	8.97	48.80
		03/21/22	6.94	0.21	287.4	1.719	10.90	26.94
		04/27/22	7.07	0.82	211.5	1.977	8.72	0.89
		07/25/22	6.66	0.25	-7.7	2.502	14.65	32.15
		10/27/22	7.20	0.21	87.2	1.169	13.34	3.62
		01/24/23	8.45	0.83	36.9	1.807	8.55	13.59
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
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
		1027/22	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
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
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
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
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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	PZ-2113	12/14/20	7.05	NM	239.0	1.982	10.89	3.96
		04/09/21	7.09	1.18	66.9	1.875	10.78	NM
		02/24/22	7.30	0.16	-131.1	3.276	6.57	9.13
		03/23/22	8.15	0.10	-159.4	3.727	9.66	6.21
		04/26/22	6.48	1.14	149.6	2.909	9.04	14.97
		07/27/22	7.08	0.00	-206.5	3.791	17.63	23.42
		10/27/22	6.93	NM	-241.1	3.044	15.03	77.50
		01/25/23	8.94	0.21	-321.9	3.140	6.74	46.07
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
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
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
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

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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	MW-31	05/16/18	7.06	6.82	37.3	1.473	13.58	NM
		10/18/18	6.91	2.37	42.4	1.879	15.09	NM
		04/16/19	6.81	0.33	150.3	1.924	12.89	NM
		10/09/19	6.79	4.16	39.0	1.340	17.09	NM
		04/15/20	6.76	4.36	261.0	1.569	7.20	NM
		11/04/20	6.95	0.22	49.1	1.147	16.47	NM
		12/10/20	6.98	10.62	224.7	0.480	12.59	0.00
		04/09/21	6.81	2.21	185.1	1.158	10.18	NM
		12/30/21	7.58	0.49	-59.00	4.028	11.06	15.83
		01/31/22	7.47	0.13	-91.60	1.4	9.56	13.21
		02/28/22	7.83	0.15	-97.1	1.735	8.00	5.73
		04/26/22	9.40	0.02	-1727.4	1.572	12.11	36.15
		07/26/22	6.95	0.00	-116.7	1.753	15.02	75.49
		10/26/22	7.25	0.10	-164.5	2.019	13.00	6.99
		01/24/23	7.54	0.00	-208.1	1.765	8.73	11.42
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
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
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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	MW-2201	12/09/20	7.06	NM	-134.6	1.165	12.70	334.24
		04/09/21	6.77	5.58	151.2	1.250	9.51	0.00
		12/30/21	7.60	0.14	-22.00	3.071	11.31	0.00
		01/31/22	7.66	0.14	-50.4	1.017	9.04	1.45
		02/28/22	7.66	0.21	-97.2	1.241	9.93	7.96
		04/26/22	8.22	0.15	-1226.4	1.401	11.59	12.12
		07/26/22	6.78	0.00	-176.5	1.264	14.68	22.05
		10/26/22	7.63	0.06	-244.1	1.609	13.67	7.64
		01/24/23	7.33	0.76	-116.1	2.254	8.89	23.49
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
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
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
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

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
3	PZ-2301	12/07/20	7.10	NM	8.7	1.204	11.64	42.15
		04/09/21	7.21	11.37	-24.2	28.290	8.12	NM
		11/20/21	7.56	0.23	-263.8	2.056	11.44	103.54
		12/22/21	7.79	0.09	-247.0	1.080	9.69	16.51
		01/24/22	8.17	0.04	77.7	0.768	9.58	18.94
		04/26/22	9.38	0.07	-170.0	0.724	10.01	15.69
		07/27/22	9.53	0.13	-104.2	0.413	18.06	31.55
		10/26/22	10.23	NM	-198.7	0.972	12.68	4.99
		01/23/23	10.84	0.32	-228.0	0.727	7.23	2.85
3	MW-2302	12/07/20	7.71	NM	-159.9	1.615	11.95	0.00
		04/09/21	6.77	3.47	-2.5	5.300	9.99	NM
		11/20/21	7.72	0.16	-218.4	2.304	12.77	3.20
		12/22/21	7.32	0.12	-99.4	1.977	9.29	2.00
		01/24/22	7.64	0.10	235.0	1.865	8.40	18.09
		04/27/22	7.66	6.05	29.6	1.911	6.74	0.50
		07/26/22	8.06	0.09	-190.9	2.002	15.16	27.49
		10/26/22	7.73	NM	-254.7	4.957	13.32	0.00
		01/23/23	7.47	0.32	-79.4	2.054	7.81	0.00
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
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
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

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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-44	05/17/18	7.13	1.98	25.0	2.627	12.28	NM
		10/18/18	7.22	0.87	63.9	5.294	17.35	NM
		04/16/19	6.86	1.13	176.4	4.491	11.21	NM
		10/09/19	7.01	4.75	266.9	3.664	17.55	NM
		04/15/20	7.03	2.65	114.8	4.406	8.47	NM
		11/04/20	7.07	NM	188.9	2.763	15.81	NM
		12/10/20	7.17	NM	163.8	2.242	13.00	21.71
		04/09/21	6.54	7.08	-2.2	88.010	8.87	NM
		12/08/21	7.18	0.47	-34.3	2.563	12.33	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	7.15	0.99	55.1	2.512	8.40	9.87
		04/25/22	7.64	2.05	102.8	4.034	9.73	0.77
		07/26/22	6.68	NM	176.3	4.181	17.68	0.00
		10/25/22	7.16	0.38	15.8	3.374	16.60	0.00
		01/25/23	7.83	0.72	59.2	2.744	10.06	0.00
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-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
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

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

Treatment Area	Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-80	5/19/2018	7.51	0.15	-83.2	0.182	14.27	NM
		10/18/2018	7.90	0.16	-102.7	2.562	19.61	NM
		4/17/2019	7.02	1.17	-76.3	3.184	11.47	NM
		10/9/2019	7.15	0.18	-125.2	2.791	21.69	NM
		4/15/2020	6.97	0.15	-78.9	4.849	10.12	NM
		11/4/2020	7.03	NM	-122.2	2.347	19.82	NM
		4/5/2021	6.94	10.23	94.4	3.480	13.08	NM
		12/08/21	7.26	0.13	-139.6	3.307	14.82	78.22
		01/11/22	7.21	0.29	327.2	2.274	9.25	16.73
		02/07/22	7.01	0.18	-107.1	2.779	9.92	22.73
		04/25/22	7.09	1.86	-27.1	0.372	11.30	33.71
		7/26/2022	7.27	0.19	-128.4	3.170	21.44	169.12
		10/25/2022	6.97	7.09	4.0	3.051	16.78	79.83
		1/25/2023	7.95	0.05	-69.5	3.453	9.29	20.04
4	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	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	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`

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

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

		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Bromodichloromethane	Chloroethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	MW-2101	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	MW-2101	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2101	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2101	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	MW-2101	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	MW-2101	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.73* J	< 0.42	< 1.4	< 1.2
1	PZ-2101	12/9/2020	< 136	< 122	< 140	< 420	< 437	< 353	< 314	< 123	< 182	< 671	< 637
1	PZ-2101	4/9/2021	< 148	< 291	< 146	< 224	< 179	< 163	< 176	< 148	< 208	< 690	< 591
1	PZ-2101	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
1	PZ-2101	3/23/2022	< 185	< 364	< 182	< 280	< 223	< 204	< 219	< 185	< 260	< 862	< 739
1	PZ-2101	4/27/2022	< 29.6	**205**	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
1	PZ-2101	7/26/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180
1	PZ-2101	10/27/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180
1	PZ-2101	1/25/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180
1	MW-2102	12/15/2020	< 1.4	< 1.2	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4
1	MW-2102	4/8/2021	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7
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	< 2.4
1	MW-2102	3/22/2022	1.4 J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	*0.86* J	< 0.83	< 2.8	< 2.4
1	MW-2102	4/27/2022	1.1 J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	*1.1* J	< 0.83	< 2.8	< 2.4
1	MW-2102	7/25/2022	0.91 J	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	*0.85* J	< 0.83	< 2.8	< 2.4
1	MW-2102	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9
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	< 1.2
1	MW-2103	12/14/2020	< 1.4	*2.9* J	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4
1	MW-2103	4/23/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2103	2/23/2022	< 3.0	**71**	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2103	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
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	< 23.7
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	< 23.7
1	MW-2103	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9
1	MW-2103	1/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8

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

		Analyte:	cis-1,2-Dichloroethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2101	12/9/2020	*19*	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	*0.74* J	**249**	< 1.5
1	MW-2101	4/8/2021	0.70 J	< 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	*7.6*	< 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	6	< 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	2.7	< 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	< 0.47	< 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	< 0.47	< 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	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.38 J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2101	12/9/2020	**17600**	< 159	< 290	< 354	< 405	< 424	< 163	< 135	< 232	**40300**	**258** J	< 750
1	PZ-2101	4/9/2021	**11700**	< 163	< 160	< 429	< 173	< 212	< 204	< 144	< 264	**24400**	**153** J	< 524
1	PZ-2101	2/24/2022	**9410**	< 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	**13400**	< 203	< 200	< 536	< 216	< 265	< 255	< 180	< 330	**64200**	**134** J	< 655
1	PZ-2101	4/27/2022	**22000**	< 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	**51200**	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	**70300**	**2780**	< 1050
1	PZ-2101	10/27/2022	**60000**	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	**77500**	**13700**	< 1050
1	PZ-2101	1/25/2023	**52900**	< 325	< 319	< 857	< 345	< 424	< 409	< 288	< 528	**85100**	**21200**	< 1050
1	MW-2102	12/15/2020	**317**	< 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	**194**	< 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	**157**	< 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	**220**	< 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	**85.9**	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	< 1.1	*0.91* J	**76**	< 2.1
1	MW-2102	7/25/2022	**327**	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	1.6 J	*0.87* J	**144**	< 2.1
1	MW-2102	10/27/2022	**192**	< 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	*10.9*	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**11.8**	< 1.0
1	MW-2103	12/14/2020	**1390**	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	*90.1*	**966**	**255**	< 7.5
1	MW-2103	4/23/2021	**1280**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*75.3*	**429**	**284**	< 10.5
1	MW-2103	2/23/2022	**10200**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	**126**	**257**	**238**	< 10.5
1	MW-2103	3/22/2022	**6810**	< 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	**3330** J	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	*94.3* J	**7.2** J	**450**	< 21.0
1	MW-2103	7/26/2022	**5770**	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	*92.0* J	< 6.4	**1090**	< 21.0
1	MW-2103	10/27/2022	**329**	< 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	**745**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	11.1	**10** J	**1230**	< 10.5

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

		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Bromodichloromethane	Chloroethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	MW-2103 DUP	12/14/2020	< 1.4	3.7 J	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4
1	MW-2103 DUP	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2103 DUP	2/23/2022	< 3.0	**64.5**	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2103 DUP	3/22/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
1	MW-2103 DUP	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	MW-2103 DUP	7/26/2022	< 5.9	**20.8**	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	MW-2103 DUP	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9
1	MW-2103 DUP	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 29.6
1	PZ-2103	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796
1	PZ-2103	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480
1	PZ-2103	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
1	PZ-2103	4/7/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118
1	PZ-2103	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
1	PZ-2103	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
1	PZ-2103	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390
1	PZ-2103	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910
1	PZ-2103 DUP	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796
1	PZ-2103 DUP	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480
1	PZ-2103 DUP	2/24/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
1	PZ-2103 DUP	4/7/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
1	PZ-2103 DUP	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
1	PZ-2103 DUP	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237
1	PZ-2103 DUP	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390
1	PZ-2103 DUP	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910
1	MW-2104	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	MW-2104	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2104	2/23/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2104	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2104	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2104	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2104	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2104	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2103 DUP	12/14/2020	**1500**	< 1.6	< 2.9	< 3.5	< 4.1	< 4.2	< 1.6	< 1.3	*98.7*	**1130**	**257**	< 7.5
1	MW-2103 DUP	4/8/2021	**1190**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*71.5*	**402**	**270**	< 10.5
1	MW-2103 DUP	2/23/2022	**9210**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	**118**	**183**	**233**	< 10.5
1	MW-2103 DUP	3/22/2022	**6710**	< 32.5	< 31.9	< 85.7	< 34.5	< 42.4	< 40.9	< 28.8	**124**	< 32.0	**311**	< 105
1	MW-2103 DUP	4/27/2022	**2280** J	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	*69.0* J	< 6.4	**513**	< 21.0
1	MW-2103 DUP	7/26/2022	**4960**	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	*61.4* J	< 6.4	**1230**	< 21.0
1	MW-2103 DUP	10/27/2022	**353**	< 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 DUP	1/25/2023	**632**	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	13.6 J	**8.1** J	**1030**	< 26.2
1	PZ-2103	12/14/2020	**10300**	< 199	< 363	< 443	< 507	< 530	< 204	< 168	**957** J	**176000**	< 109	< 938
1	PZ-2103	4/9/2021	**10800**	< 406	< 399	< 1070	< 432	< 530	< 511	< 360	**754** J	**173000**	< 218	< 1310
1	PZ-2103	2/24/2022	**3310**	< 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	**5370**	< 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	**4160**	< 65.0	< 63.9	< 171	< 69.1	< 84.8	< 81.7	< 57.6	< 106	**32000**	< 34.9	< 210
1	PZ-2103	7/26/2022	**14300**	< 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	**11400**	< 2030	< 2000	< 5360	< 2160	< 2650	< 2550	< 1800	< 3300 UJ	**268000**	< 1090	< 6550
1	PZ-2103	1/25/2023	**16200**	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	**229000**	< 872	< 5240
1	PZ-2103 DUP	12/14/2020	**9920**	< 199	< 363	< 443	< 507	< 530	< 204	< 168	**898** J	**180000**	< 109	< 938
1	PZ-2103 DUP	4/9/2021	**12000**	< 406	< 399	< 1070	< 432	< 530	< 511	< 360	**777** J	**201000**	< 218	< 1310
1	PZ-2103 DUP	2/24/2022	**3130**	< 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	**4550**	< 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	**4290**	< 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	**12200**	< 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	**12800**	< 2030	< 2000	< 5360	< 2160	< 2650	< 2550	< 1800	< 3300 UJ	**252000**	< 1090	< 6550
1	PZ-2103 DUP	1/25/2023	**13700**	< 1630	< 1600	< 4290	< 1730	< 2120	< 2040	< 1440	< 2640	**198000**	< 872	< 5240
1	MW-2104	12/14/2020	5.4	< 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	3.6	< 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	1.9	< 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	2.5	< 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	1.6	< 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	2.6	< 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	2.9	< 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	2.2	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.64** J	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	MW-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	2	< 0.36	< 1.3	< 1.3
1	MW-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.9	< 0.42	< 1.4	< 1.2
1	MW-2105	2/23/2022	< 0.30	< 0.58	< 0.29	1.5	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	MW-2105	4/26/2022	0.97 J	< 0.58	< 0.29	9.1	1.1	< 0.33	< 0.35	1.3	< 0.42	< 1.4	< 1.2
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	< 1.2
1	MW-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	PZ-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	PZ-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	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	< 1.2
1	PZ-2105	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2105	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2105	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 25.5
1	MW-2106	4/8/2021	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
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	< 23.7
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	< 23.7
1	MW-2106	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	MW-2106	7/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	MW-2106	10/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	MW-2106	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 3.2
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	< 3.0
1	MW-2107	2/21/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	1.9 J	< 1.0	12.2 J	< 3.0
1	MW-2107	3/21/2022	0.50 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.6	< 0.42	11.5	< 1.2
1	MW-2107	4/26/2022	3.4	< 0.58	< 0.29	< 0.45	< 0.36	0.50 J	0.39 J	2.9	< 0.42	20.7	< 1.2
1	MW-2107	7/25/2022	0.82 J	< 0.58	0.31 J	< 0.45	< 0.36	< 0.33	< 0.35	2	< 0.42	9.9	< 1.2
1	MW-2107	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	2.2	< 0.42	12.2	< 1.2
1	MW-2107	1/24/2023	1.4	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	1.4	< 0.42	5.8	< 1.2

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2105	12/14/2020	*12.9*	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	*3.6*	**2.5**	4.9
1	MW-2105	4/8/2021	3.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*1.4*	**2.4**	4.8
1	MW-2105	2/23/2022	5.9	< 0.33	< 0.32	< 0.86	0.47 J	< 0.42	< 0.41	< 0.29	< 0.53	*0.59* J	**2.6**	< 1.0
1	MW-2105	3/23/2022	**70.6**	< 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	*21.9*	< 0.33	< 0.32	1	1.2	0.98 J	< 0.41	< 0.29	0.54 J	*3*	**5**	2.6 J
1	MW-2105	7/26/2022	*44.8*	< 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	5	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*0.51* J	**3.4**	< 1.0
1	MW-2105	1/23/2023	*21.9*	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*3.1*	< 0.17	< 1.0
1	PZ-2105	12/14/2020	2.8	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	*2.5*	< 0.17	< 1.5
1	PZ-2105	4/8/2021	1.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*1.2*	< 0.17	< 1.0
1	PZ-2105	2/22/2022	1.2	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*0.86* J	< 0.17	< 1.0
1	PZ-2105	3/22/2022	1.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*0.78* J	< 0.17	< 1.0
1	PZ-2105	4/26/2022	1.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*0.82* J	< 0.17	< 1.0
1	PZ-2105	7/26/2022	0.98 J	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*0.72* J	< 0.17	< 1.0
1	PZ-2105	10/24/2022	1.1	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*1.5*	< 0.17	< 1.0
1	PZ-2105	1/23/2023	0.97 J	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	*0.98* J	< 0.17	< 1.0
1	MW-2106	12/14/2020	**237**	< 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	*68.5*	< 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	**713**	< 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	**350**	< 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	**224**	< 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	**128**	< 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	**87.2**	< 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	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.9**	< 1.0
1	MW-2107	12/9/2020	*8.8*	< 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	3.5	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	**533**	< 2.6
1	MW-2107	2/21/2022	*14.2*	< 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	*10.1*	< 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	1.6	< 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	*12.3*	< 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	< 0.47	< 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	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.30 J	< 0.53	< 0.32	*0.18* J	< 1.0

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

		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Bromodichloromethane	Chloroethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	PZ-2107	12/9/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7
1	PZ-2107	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
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	*5.8*
1	PZ-2107	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2107	4/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	PZ-2107	7/25/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	PZ-2107	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	PZ-2107	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
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	< 1.3
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	< 1.2
1	MW-2108	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2108	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2108	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2108	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2108	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2108	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	MW-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	MW-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2109	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	PZ-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2109	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-2107	12/9/2020	**3680**	< 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	**1150**	< 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	**78.4**	< 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	**838**	< 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	**692**	< 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	**636**	< 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	**1040**	< 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	**543**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	**94.7**	< 10.5
1	MW-2108	12/9/2020	< 0.27	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	< 0.47	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	< 0.47	< 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	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2**	< 1.0
1	MW-2108	4/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.1**	< 1.0
1	MW-2108	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2**	< 1.0
1	MW-2108	10/24/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2**	< 1.0
1	MW-2108	1/23/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2**	< 1.0
1	MW-2109	12/9/2020	**87.4**	< 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	**172**	< 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	**96.8**	< 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	**105**	< 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	*39.4*	< 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	**99.6**	< 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	**85.1**	< 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	**74.3**	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.92 J	< 0.32	**90.8**	< 1.0
1	PZ-2109	12/9/2020	*11.3*	< 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	*8.7*	< 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	4.8	< 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	3.3	< 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	1.4	< 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	3.4	< 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	3.4	< 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	1.8	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**8.9**	< 1.0

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

		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Bromodichloromethane	Chloroethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	MW-2110	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
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	< 1.2
1	MW-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	MW-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	12/8/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	PZ-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2111	12/11/2020	< 34.1	< 30.6	< 35.0	< 105	< 109	< 88.2	< 78.5	< 30.8	< 45.5	< 168	< 159
1	MW-2111	4/8/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148
1	MW-2111	2/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.78* J	< 0.42	< 1.4	< 1.2
1	MW-2111	3/23/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	*1.4* J	< 1.7	< 5.5	< 4.7
1	MW-2111	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*4.1*	< 0.42	< 1.4	< 1.2
1	MW-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.4*	< 0.42	< 1.4	< 1.2
1	MW-2111	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	*1.6* J	< 2.1	< 6.9	< 5.9
1	MW-2111	1/25/2023	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	*1.6* J	< 2.1	< 6.9	< 5.9
1	PZ-2111	12/11/2020	< 2.7	*3.7* J	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7
1	PZ-2111	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	PZ-2111	2/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4
1	PZ-2111	3/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4
1	PZ-2111	4/26/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4
1	PZ-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2111	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.32 J	< 0.42	< 1.4	< 1.2
1	PZ-2111	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.47 J	< 0.42	< 1.4	< 1.2

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2110	12/15/2020	*8.4*	< 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	2.7	< 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	*7.6*	< 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	*8.5*	< 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	2.9	< 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	5.7	< 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	*9.5*	< 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	5.5	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.7**	< 1.0
1	PZ-2110	12/8/2020	< 0.27	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-2110	4/7/2021	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	2/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	3/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	4/27/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	10/27/2022	< 0.47	< 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	< 0.47	< 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	**742**	< 39.8	< 72.6	< 88.5	< 101	< 106	< 40.8	< 33.7	*80.9* J	**8210**	< 21.8	< 188
1	MW-2111	4/8/2021	**579**	< 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	**191**	< 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	**362**	< 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	*31.3*	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	**801**	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34 J	0.64 J	*1.3*	**13.9**	< 1.0
1	MW-2111	10/27/2022	**1250**	< 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	**2070**	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	2.7 J	< 1.6	**411**	< 5.2
1	PZ-2111	12/11/2020	**2810**	< 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	**1040**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*67.2*	**215**	**22.1**	< 10.5
1	PZ-2111	2/23/2022	**140**	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	2.9	*1.6* J	**43.1**	< 2.1
1	PZ-2111	3/23/2022	**125**	< 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	**99.1**	< 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	*51.1*	< 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	*35.6*	< 0.33	0.4 J	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	0.83 J-	*1.2*	**4.4**	< 1.0
1	PZ-2111	1/25/2023	*12.6*	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**1.8**	< 1.0

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

		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Bromodichloromethane	Chloroethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	MW-2112	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7
1	MW-2112	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2112	2/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2112	3/21/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2112	4/26/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7
1	MW-2112	7/25/2022	< 0.30	*1.1*	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.42 J	< 0.42	< 1.4	< 1.2
1	MW-2112	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2112	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2112 DUP	12/15/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7
1	PZ-2112	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	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	< 1.2 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	< 1.2
1	PZ-2112	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2112	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2112	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2112	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2112	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2112 DUP	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
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	< 1.3
1	MW-2113	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2113	2/23/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2113	3/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2113	4/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	MW-2113	7/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
1	MW-2113	10/27/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7
1	MW-2113	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 29.6
1	PZ-2113	12/14/2020	< 27.3	< 24.5	< 28.0	< 84.1	< 87.3	< 70.5	< 62.8	< 24.6	< 36.4	< 134	< 127
1	PZ-2113	4/9/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148
1	PZ-2113	2/24/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7
1	PZ-2113	3/23/2022	< 0.59	*2.5*	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	*0.90* J	< 0.83	< 2.8	< 2.4
1	PZ-2113	4/26/2022	< 11.8	< 23.3	< 11.7	< 17.9	< 14.3	< 13.0	< 14.0	< 11.8	< 16.6	< 55.2	< 47.3

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2112	12/15/2020	**809**	< 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	**641**	< 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	**683**	< 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	**682**	< 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	**369**	< 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	**739**	< 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	**587**	< 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	**516**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	14.4	< 3.2	**332**	< 10.5
1	MW-2112 DUP	12/15/2020	**761**	< 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	1	< 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	< 0.47 UJ	< 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	0.59 J	< 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	0.58 J	< 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	< 0.47	< 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	< 0.47	< 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	< 0.47	< 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	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112 DUP	12/15/2020	0.84 J	< 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	**321**	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	*38.7*	*2.9*	**706**	< 1.5
1	MW-2113	4/8/2021	*14*	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	**781**	< 10.5
1	MW-2113	2/23/2022	**716**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*73*	< 3.2	**1660**	< 10.5
1	MW-2113	3/22/2022	**707**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*78.2*	< 3.2	**3550**	< 10.5
1	MW-2113	4/26/2022	**108**	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	*25*	< 6.4	**2040**	< 21.0
1	MW-2113	7/26/2022	*24.1*	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	10.7	< 3.2	**1300**	< 10.5
1	MW-2113	10/27/2022	**269**	< 1.3	< 1.3	< 3.4	< 1.4	< 1.7	< 1.6	< 1.2	*38.8* J-	< 1.3	**3050**	< 4.2
1	MW-2113	1/25/2023	**376**	< 8.1	< 8.0	< 21.4	< 8.6	< 10.6	< 10.2	< 7.2	*31.9*	< 8.0	**1710**	< 26.2
1	PZ-2113	12/14/2020	**16000**	< 31.9	< 58.1	< 70.8	< 81.1	< 84.9	< 32.6	< 26.9	**1760**	**5060**	**286**	< 150
1	PZ-2113	4/9/2021	**11800**	< 40.6	< 39.9	< 107	< 43.2	< 53.0	< 51.1	< 36.0	**1270**	**4240**	**126**	< 131
1	PZ-2113	2/24/2022	**2740**	< 6.5	< 6.4	< 17.1	< 6.9	< 8.5	< 8.2	< 5.8	*46.5*	**6.9 J**	**359**	< 21.0
1	PZ-2113	3/23/2022	**2920**	< 0.65	< 0.64	< 1.7	< 0.69	< 0.85	< 0.82	< 0.58	*38.9*	*1.3* J	**888**	< 2.1
1	PZ-2113	4/26/2022	**888**	< 13.0	< 12.8	< 34.3	< 13.8	< 17.0	< 16.3	< 11.5	*27.7* J	< 12.8	**2090**	< 41.9

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

		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Bromodichloromethane	Chloroethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	PZ-2113	7/26/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9
1	PZ-2113	10/27/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	*0.85* J	< 0.83	< 2.8	< 2.4
1	PZ-2113	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.1*	< 0.42	< 1.4	< 1.2
1	MW-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
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	< 1.2
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	< 1.2
1	MW-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
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	< 1.2
1	MW-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	MW-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	PZ-2114	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2114	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	*0.49* J	< 1.4	*3.6* J
1	PZ-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 1.2
1	PZ-2114	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 62.5
1	MW-61	9/13/2017	< 4.8	< 8.2	< 3.4	< 10	< 10	< 10	< 10	**18.8** J	< 10	< 7.5	< 50
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	< 62.5
1	MW-61	12/11/2020	< 2.7	*5.3* J	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	**12.4**	< 3.6	< 13.4	< 12.7
1	MW-61	4/8/2021	< 3.0	*6.0* J	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**11**	< 4.2	< 13.8	< 11.8
1	MW-61	2/23/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	< 3.0
1	MW-61	3/22/2022	< 3.0	**13.1**	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**19.2**	< 4.2	< 13.8	< 11.8
1	MW-61	4/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8
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	< 11.8
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	< 11.8
1	MW-61	1/24/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	*4.9*	< 1.0	< 3.4	< 3.0
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	< 62.5
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	< 62.5

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-2113	7/26/2022	**108**	< 1.6	< 1.6	< 4.3	< 1.7	< 2.1	< 2.0	< 1.4	14.7	*1.8* J	**835**	< 5.2
1	PZ-2113	10/27/2022	*40.9*	< 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	*7.8*	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	0.34 J	7.1	0.40 J	**47**	< 1.0
1	MW-2114	12/14/2020	*7.6*	< 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	*9.5*	< 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	4.5	< 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	3.1	< 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	4.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**7**	< 1.0
1	MW-2114	7/25/2022	5.4	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.4**	< 1.0
1	MW-2114	10/24/2022	*7.8*	< 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	4.9	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.9**	< 1.0
1	PZ-2114	12/14/2020	< 0.27	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.25 U	< 1.5
1	PZ-2114	4/7/2021	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	2/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	3/21/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	4/26/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	7/25/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	10/24/2022	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	1/24/2023	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.53** J	< 1.0
1	MW-61	6/15/2017	**1420**	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	*42.6*	**61.4**	**760**	< 37.5
1	MW-61	9/13/2017	**2160**	< 10	< 4.7	< 10	< 10	< 43.7	< 10	< 10	**103**	**111**	**835**	< 30
1	MW-61	3/21/2018	**2540**	< 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	**1850**	< 3.2	< 5.8	< 7.1	< 8.1	< 8.5	< 3.3	< 2.7	*37.2*	**124**	**1150**	< 15.0
1	MW-61	4/8/2021	**3080**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*73.7*	**176**	**1170**	< 10.5
1	MW-61	2/23/2022	**259**	< 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	**8570**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*22.8*	**18**	**2710**	< 10.5
1	MW-61	4/27/2022	*58.8* J	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2 UJ	**543**	< 10.5
1	MW-61	7/25/2022	**4720**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*37.2*	**168**	**3020**	< 10.5
1	MW-61	10/27/2022	**1010**	< 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	**121**	< 0.81	< 0.80	< 2.1	< 0.86	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	**246**	< 2.6
1	MW-61 DUP	6/15/2017	**1280**	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	*44.7*	**68.6**	**752**	< 37.5
1	MW-61 DUP	3/21/2018	**2560**	< 12.5	< 5.8	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	**116**	**3140**	< 37.5

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform
		ES	850	7	5	480	480	600	600	5	0.6	400	6
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date											
1	MW-61 DUP	4/27/2022	< 0.30	*3.2*	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
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	< 11.8
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	< 11.8
1	PZ-61	6/15/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125
1	PZ-61	9/13/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125
1	PZ-61	3/21/2018	< 2.4	< 4.1	< 1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 3.7	< 25
1	PZ-61	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	PZ-61	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-61	2/21/2022	< 0.30	*4.6*	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*2.8*	< 0.42	< 1.4	< 1.2
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	< 1.2
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	< 1.2
1	PZ-61	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-61	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-61	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2
1	PZ-75	6/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5
1	PZ-75	9/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5
1	PZ-75	3/22/2018	< 1.2	< 2.1	< 0.84	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 1.9	< 12.5
1	PZ-75	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3
1	PZ-75	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2

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

		Analyte:	cis-1,2-Dichloro ethene	Ethylbenzene	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	70	700	5	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	7	140	0.5	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-61 DUP	4/27/2022	**154** J	< 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	**4670**	< 3.3	< 3.2	< 8.6	< 3.5	< 4.2	< 4.1	< 2.9	*46.2*	**167**	**3030**	< 10.5
1	MW-61 DUP	10/27/2022	**1070**	< 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	**5290**	< 25	< 11.6	< 25	< 25	< 109	< 25	32.5 J	*78*	**251**	**272**	< 75
1	PZ-61	9/13/2017	**2880**	< 25	< 11.6	< 25	< 25	< 109	< 25	< 25	< 12.8	**37.9** J	**203**	< 75
1	PZ-61	3/21/2018	**1210**	< 5	< 2.3	< 5	< 5	< 21.9	< 5	< 5	< 2.6	*4.2* J	**81.2**	< 15
1	PZ-61	12/11/2020	0.61 J	< 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	2.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1	< 0.53	*0.77* J	< 0.27 U	< 1.0
1	PZ-61	2/21/2022	**1230**	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	< 0.29	7	**31.2**	**270**	< 1.0
1	PZ-61	3/21/2022	2.2	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.4	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	4/27/2022	1.7	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.5	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	7/25/2022	2.6	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.1	< 0.53	< 0.32	**0.66** J	< 1.0
1	PZ-61	10/27/2022	2.1	< 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	1.3	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	1.2	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-75	6/14/2017	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	**18.6**	< 1.5
1	PZ-75	9/14/2017	< 0.26	< 0.5	< 0.23	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	**65.1**	< 1.5
1	PZ-75	3/22/2018	< 1.3	< 2.5	< 1.2	< 2.5	< 2.5	< 10.9	< 2.5	< 2.5	< 1.3	< 1.7	**673**	< 7.5
1	PZ-75	12/11/2020	< 0.27	< 0.32	< 0.58	< 0.71	< 0.81	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-75	4/8/2021	< 0.47	< 0.33	< 0.32	< 0.86	< 0.35	< 0.42	< 0.41	52.6	< 0.53	*0.69* 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, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2101	12/9/2020	0.078	< 0.0010	< 0.00024	0.0011	**1.2**	**1.2**	*0.21*	*0.2*	380	25.0 J	86.5	*192*	< 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	**5.3**	*0.18*	*0.23*	373	23.7 J	40.4	**322**	< 1.2	7.3	< 1.2	< 1.2	5.9
1	MW-2101	2/22/2022	0.022	< 0.0010	< 0.00024	< 0.00028	**112**	**76.5**	*0.17*	*0.09*	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	**161**	**142**	*0.24*	*0.21*	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	**42.6**	**42.6**	*0.16*	*0.16*	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	**24.9**	**27**	*0.091*	*0.091*	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	**38**	**34.9**	*0.12*	*0.11*	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	**21.6**	**22.8**	0.026	0.024	493	781	58.1	< 4.4	< 1.2	286	93.6	364	7980
1	PZ-2101	12/9/2020	0.069	< 0.0010	< 0.00024	0.0027	**1.5**	**1.5**	*0.16*	*0.15*	357	48.4 J	**396**	**426**	< 1.2	8	1.7 J	10.2	102
1	PZ-2101	4/9/2021	0.069	< 0.0010	< 0.00024	0.0024	*0.19* J	*0.17* J	*0.1*	*0.1*	378	43.9 J	**472**	**533**	< 1.2	6.9	1.4 J	4.6 J	49.3
1	PZ-2101	2/24/2022	*1.8*	< 0.010	< 0.0024	< 0.0028	**806**	**872**	**2.5**	**2.5**	4870	15400	**316**	22.6 J	< 1.2	0.19 J	512	3150	310
1	PZ-2101	3/23/2022	*1.9*	< 0.010	< 0.0024	< 0.0028	**593**	**595**	**2.5**	**2.5**	5750	13700	**412**	< 8.9	< 1.2	4480	666	3380	355
1	PZ-2101	4/27/2022	**2**	< 0.010	< 0.0024	< 0.0028	**596**	**553**	**2.6**	**2.3**	5980	15000	**461**	36.6 J	1.4 J	4430	1890	7100	831
1	PZ-2101	7/26/2022	**2.1**	< 0.0020	< 0.00047	< 0.00057	**636**	**640**	**2.5**	**2.5**	4880 J-	14800	**531**	< 8.9	< 12.0	4460 J-	1770	5950	959
1	PZ-2101	10/27/2022	**2.4**	< 0.0051	< 0.0012	< 0.0014	**583**	**595**	**2.2**	**2.4**	5890 J-	12400	**706**	< 8.9	< 1.2	4400	1620 J-	7830 J-	836 J-
1	PZ-2101	1/25/2023	**2.3**	< 0.010	< 0.0024	< 0.0028	**584**	**615**	**1.8**	**1.9**	4600	11600	**901**	< 8.9	< 1.2	3640	3690	20700	1730
1	MW-2102	12/15/2020	0.066	< 0.0010	< 0.00024	0.0033	**3.2**	**3.4**	**0.3**	**0.32**	347	41.7 J	88.5	**400** 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	**2.7**	**4.1**	**0.32**	**0.3**	346	35.0 J	117	**411**	< 1.2	11	< 1.2	3.0 J	37.5
1	MW-2102	2/22/2022	0.03	< 0.0020	< 0.00047	< 0.00057	**470**	**448**	**2.1**	**2.3**	1530	1950	*129*	< 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	**306**	**287**	**2.4**	**2.5**	1000	1670	94.4	**465**	< 1.2	588	16.1	16.4	5690
1	MW-2102	4/27/2022	0.021	< 0.0010	0.00031 J	0.012	**163**	**158**	**3.6**	**3.8**	903	1330	80.3	**713**	< 1.2	396	9.6	8.5	6310
1	MW-2102	7/25/2022	0.011	< 0.0010	< 0.00024	< 0.00028	**237**	**221**	**1.8**	**1.9**	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	**188**	**175**	**1.7**	**1.9**	1290 J+	1870	*176* 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	**6.8**	**7.3**	**0.71**	**0.63**	812	560	83.1	**690**	1.4 J	211	< 0.39	13.1	6720
1	MW-2103	12/14/2020	0.066	< 0.0010	< 0.00062 U	0.0025	**0.69**	**0.7**	*0.16*	*0.16*	366 J-	15.5 J	*134*	*163*	< 1.2	5.3	4.5 J	44	120
1	MW-2103	4/23/2021	0.071	< 0.0010	< 0.00024	0.0011 J	**1.1**	**1.1**	*0.16*	*0.16*	344	23.7 J	*171*	*141*	< 1.2	6	11.4	52.5	464
1	MW-2103	2/23/2022	0.038	< 0.0010	< 0.00024	0.012	**46.7**	**36.6**	**1.1**	**0.54**	830	984	*164*	**754**	< 1.2	348	2.8 J	13	40.4
1	MW-2103	3/22/2022	0.31	< 0.0010	< 0.00024	0.0014	**32.8**	**29.6**	**0.47**	**0.43**	947	867	*201*	*216*	< 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	**13.5**	**11.4**	**0.92**	**0.98**	1300	861	*185*	**320**	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	**15.1** J	**8.1** J	**0.76** J	**0.60** J	971 J-	450	*146*	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	**7.5**	**8.3**	**0.47**	**0.46**	373 J+	15.7 J	*132* J-	*130*	< 1.2	6.4	5.1 J	911	1160
1	MW-2103	1/25/2023	0.099	< 0.0010	< 0.00024	0.0027	**6**	**8.5**	**0.45**	**0.47**	468	81.4	*204*	**1100**	< 1.2	13.9	6.4	553	2230
1	MW-2103 DUP	12/14/2020	0.064	< 0.0010	< 0.00037 U	0.0025	**0.67**	**0.66**	*0.15*	*0.15*	364 J-	25.0 J	*130*	*173*	< 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	**1.1**	**1.3**	*0.16*	*0.18*	344	23.7 J	*168*	*145*	< 1.2	6	11.2	51	423
1	MW-2103 DUP	2/23/2022	0.04	< 0.0010	< 0.00024	0.0017	**36.2**	**36.7**	**0.53**	**0.55**	847	1010	*174*	**712**	< 1.2	402	4.6 J	19.5	34.5

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2103 DUP	3/22/2022	0.3	< 0.0010	< 0.00024	0.00073 J	**26.9**	**27.3**	**0.41**	**0.41**	946	856	*202*	*227*	< 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	**14.5 J**	**9.5 J**	**0.85**	**0.99**	1270	707	*187*	**333**	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	**7.4 J**	**7.9**	**0.61**	**0.6**	981 J-	509	*146*	18.8 J+	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	**7.5**	**8.8**	**0.47**	**0.48**	320 J+	22 J	*133* J-	123	< 1.2	6.4	5.7	1140	1330
1	MW-2103 DUP	1/25/2023	0.1	< 0.0010	< 0.00024	0.0025	**6.1**	**8.6**	**0.46**	**0.47**	454	75	*205*	**1060**	< 1.2	14.4	6.9	540	2170
1	PZ-2103	12/14/2020	0.12	< 0.0010	< 0.00024	0.002	0.10 J	0.075 J	*0.079*	*0.075*	296	32.7 J	*224*	*208*	< 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	*0.064*	*0.063*	337	50.7	**275**	**412**	< 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	**263**	**304**	**0.64**	**1.2**	2290	7090	*245*	**5220**	< 1.2	2260	218	2190	45.8
1	PZ-2103	4/7/2022	0.023	< 0.020	< 0.0047	< 0.0057	**80.3**	**85.2**	**0.54**	**0.55**	3510	4280	**472**	**5930**	1.2	1150	386	2460	81
1	PZ-2103	5/5/2022	0.023 J	< 0.010	< 0.0024	0.0099 J	**75.8**	**82.9**	**0.72**	**0.79**	3570	3920	**476**	**9980**	1.8 J	1110	254	2450	53.9
1	PZ-2103	7/26/2022	0.045 J	< 0.020	< 0.0047	0.0071 J	**19.2 J**	**18.4**	**0.88**	**0.88**	3410 J-	2590	**500**	**11500 J+**	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	**54.3**	**70**	**1.5**	**1.9**	5410 J+	5060	**777 J-**	**19500**	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	**70.5**	**90.6**	**1.8**	**2.1**	5090	9100	**833 J**	**14500**	< 1.2	2130	291	2680 J	65.9
1	PZ-2103 DUP	12/14/2020	0.11	< 0.0010	< 0.00024	0.0021	< 0.058	< 0.058	*0.069*	*0.065*	297	35.0 J	*232*	*216*	< 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	*0.061*	*0.062*	335	41.7 J	**273**	**394**	< 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	**263**	**293**	**0.66**	**1.4**	2410	7580	**276**	**5540**	< 1.2	2050	232	2550	50.3
1	PZ-2103 DUP	4/7/2022	0.025	< 0.020	< 0.0047	< 0.0057	**88.8**	**77**	**0.59**	**0.57**	3380	3690	**458**	**6040**	2.4	1210	359	2540	70.4
1	PZ-2103 DUP	5/5/2022	0.019 J	< 0.020	< 0.0047	0.010 J	**72.7**	**84.5**	**0.76**	**0.8**	3600	4060	**523**	**9750**	2.2 J	1090	321	2500	67.7
1	PZ-2103 DUP	7/26/2022	0.026 J	< 0.020	< 0.0047	< 0.0057	**7.7 J**	**23.9**	**0.89**	**0.87**	3660 J-	2590	**528**	**12700 J+**	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	**49.7**	**67.6**	**1.4**	**1.8**	5350 J+	4650	**730 J-**	**18200**	< 1.2	1020	106	2070	32.1
1	PZ-2103 DUP	1/25/2023	0.026	< 0.010	< 0.0024	0.0078 J	**76.8**	**73.1**	**1.9**	**2**	4670	8680	**802 J**	**14300**	2.0 J	2070	322	3910 J	73.1
1	MW-2104	12/14/2020	0.079	< 0.0010	< 0.00024	0.0023	**3.5**	**5.1**	**0.31**	**0.32**	418	48.4 J	**438**	**302**	< 1.2	10.6	< 1.2	< 1.2	215
1	MW-2104	4/8/2021	0.06	< 0.0010	< 0.00024	0.0019	**3.4**	**3.4**	*0.26*	*0.27*	395	43.9 J	**354**	**321**	< 1.2 UJ	10	< 1.2	< 1.2	116
1	MW-2104	2/23/2022	0.041	< 0.0010	< 0.00024	0.0017	**2.6**	**3.3**	*0.15*	*0.19*	399	58.9	*151*	**272**	< 1.2	10.6	< 0.39	< 0.25	138
1	MW-2104	3/21/2022	0.039	< 0.0010	< 0.00024	0.0024	**2.3**	**3.7**	*0.2*	*0.21*	386	41.3 J	*138*	**277**	< 1.2	10.4	< 0.39	< 0.25	209
1	MW-2105	12/14/2020	0.13	< 0.0010	< 0.00024	0.0024	**2**	**2.5**	*0.28*	*0.26*	493	91.1	**251**	107	< 1.2	25.9	7.9	< 1.2	1110
1	MW-2105	4/8/2021	0.097	< 0.0010	< 0.00024	0.0025	**2.1**	**2.3**	*0.15*	*0.16*	495	68.6	*195*	*137*	< 1.2	18.9	10.4	2.7 J	1310
1	MW-2105	2/23/2022	0.1	< 0.0010	< 0.00024	0.0012	**5.3**	**4.3**	*0.2*	*0.16*	445	50.1	**361**	*228*	< 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	**4**	**3.8**	*0.15*	*0.14*	439	87.4	81.6	**677**	< 1.2	24.9	43.1	< 0.25	1420
1	PZ-2105	12/14/2020	0.11	< 0.0010	< 0.00024	0.0016	< 0.058	< 0.058	0.01	0.013	188	17.0 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

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-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-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	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	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
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

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-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	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 UJ	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 UJ	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 UJ	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	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	PZ-2111	12/11/2020	0.09	0.0014 J	< 0.00024	0.0026	**0.66**	**0.53**	*0.095*	*0.088*	271	14.8 J	71.5	**343**	< 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	**307**	< 1.2	2.9	< 1.2	< 1.2	2.7 J
1	PZ-2111	2/23/2022	*1.3*	< 0.0051	< 0.0012	< 0.0014	**812**	**787**	**1.2**	**0.95**	5490	7860	82.6	9.8 J	1.6 J	5180	26.7	52.1	218
1	PZ-2111	3/23/2022	**2**	< 0.010	< 0.0024	< 0.0028	**763**	**762**	**1.7**	**1.6**	6390	16800	76.3	< 4.4	1.2 J	5390	55.6	132	388
1	PZ-2111	4/26/2022	**2.1**	< 0.010	< 0.0024	< 0.0028	**528**	**589**	**1.7**	**1.7**	5730 J-	13300	92.7 J+	< 4.4	< 1.2	5210	112 J-	224 J-	2420 J-
1	PZ-2111	7/26/2022	**2.1**	< 0.0020	< 0.00047	< 0.00057	**296**	**311**	**1.3**	**1.3**	3790 J-	16500	83.2	< 4.4	< 12.0	2830 J-	37.1	46.9	4190
1	PZ-2111	10/27/2022	**2.2**	< 0.0020	< 0.00047	< 0.00057	**236**	**217**	**1.1**	**1.1**	4540 J-	8070	87	< 8.9	< 1.2	3040	70 J-	107 J-	7390 J-
1	PZ-2111	1/25/2023	**2.5**	< 0.0010	< 0.00024	< 0.00028	**143**	**149**	**0.94**	**0.92**	3850	1750	81.3	< 4.4	< 1.2	2870	41	61.2	8240

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2112	12/15/2020	0.06	< 0.0010	< 0.00024	0.0015	**3.3**	**3.3**	**0.38**	**0.4**	341	39.5 J	79.3	**284**	< 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	**2.8**	**5.2**	**0.36**	**0.39**	376	26.0 J	80.3	**253**	< 1.2	3.8	< 1.2	11.7	22
1	MW-2112	2/22/2022	0.075	< 0.0010	< 0.00024	0.0021	**2.4**	**3.2**	**0.36**	**0.34**	301	65.5	53.4	**392**	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	**2.8**	**2.9**	**0.31**	**0.32**	324	94	56.2	**385**	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	**1.3**	**2.2**	**0.46**	**0.52**	476 J-	285	51.8	*179*	5.4	106	1.6 J	8.1	170
1	MW-2112	7/25/2022	0.088	< 0.0010	< 0.00024	0.0022	**3.5**	**4.4**	**0.31**	**0.31**	298 J-	54.5	70.4 J+	**392**	2.2 J	16	2.4 J	41.8	793
1	MW-2112	10/27/2022	0.067	< 0.0010	< 0.00024	0.0022	**2.7**	**4.4**	*0.28*	*0.28*	336 J+	45.4 J	70.9	**330 J-**	< 1.2	17.4	1.9 J	38.6	939
1	MW-2112	1/24/2023	0.07	< 0.0010	< 0.00024	0.0019	**3**	**3.5**	*0.29*	**0.31**	321	49.6 J	70.6	**377**	1.6 J	11.4	2.1 J	49.1	1030
1	MW-2112 DUP	12/15/2020	0.06	< 0.0010	< 0.00024	0.0023	**3.3**	**3.5**	**0.38**	**0.38**	351	35.0 J	78.1	**270**	< 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	*231*	**840**	< 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	*0.1*	384	28.2 J	*213*	**867**	< 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	**0.41**	**0.51**	*0.12*	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	**0.54**	**1.1**	*0.18*	*0.18*	537	18.0 J	*159*	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	**0.72**	**1.4**	*0.14*	*0.14*	617 J-	23.7 J	*172*	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	**1.1**	**1.2**	*0.12*	*0.12*	542 J-	18.0 J	*189* J+	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	**0.55**	**0.76**	*0.07*	*0.063*	498 J-	< 15.5	*218*	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	**1.4**	**1.8**	*0.072*	*0.074*	524	19.9 J	*211*	64.7	< 1.2	3.2	< 0.39	1.3 J	2560
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	*226*	**816**	< 1.2	6.6	< 1.2	< 1.2	0.70 J
1	MW-2113	12/14/2020	0.069	< 0.0010	< 0.00024	0.0034	**4.9**	**4.9**	*0.18*	*0.2*	380	59.7	32.6	**308**	< 1.2	16.7	3.7 J	26.1	570
1	MW-2113	4/8/2021	0.088	< 0.0010	< 0.00024	0.0037	**4.4**	**4.3**	*0.19*	*0.19*	442	50.7	30.5	*245*	< 1.2	11.7	3.8 J	19.5	1350
1	MW-2113	2/23/2022	0.26	< 0.0010	< 0.00024	0.0065	**3.5**	**3.9**	*0.18*	*0.23*	551	54.5	86.6	*220*	< 1.2	16.7	2.1 J	55.8	1310
1	MW-2113	3/22/2022	*0.56*	< 0.0010	< 0.00024	0.0065	**6**	**5.1**	**0.47**	**0.45**	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	**0.82**	**1.8**	**0.36**	**0.35**	532 J-	175	72	**421**	3.4 J	54.8	5.8	118	3320
1	MW-2113	7/26/2022	0.21	< 0.0010	< 0.00024	0.0087	**1.4**	**1.7**	*0.18*	*0.2*	532 J-	94	52.2	*214* 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	**4**	**3.5**	*0.22*	*0.18*	535 J+	64.4	123 J-	**307**	< 1.2	21.9	2.8 J	112	3470
1	MW-2113	1/25/2023	0.097	< 0.0010	0.00025 J	0.018	**2.2**	**2.7**	*0.079*	*0.075*	553	194	100	**749**	< 1.2	45.4	1.9 J	154	1080
1	PZ-2113	12/14/2020	0.12	< 0.0010	< 0.00024	0.0049	< 0.058	< 0.058	*0.16*	*0.15*	320	23.7 J	**262**	**322**	< 1.2	4.5	< 1.2	2.3 J	84
1	PZ-2113	4/9/2021	0.1	< 0.0010	< 0.00024	0.0016	**0.78 J**	**0.46 J**	*0.12*	*0.12*	284	21.5 J	**304**	**309**	< 1.2	3.6	< 1.2	1.5 J	40.1
1	PZ-2113	2/24/2022	*0.73*	< 0.0010	< 0.00024	< 0.00028	**210**	**118**	**0.71**	**0.32**	1430	2020	120	< 4.4	< 1.2	1280	210	631	2670
1	PZ-2113	3/23/2022	*0.93*	< 0.0051	< 0.0012	< 0.0014	**294**	**254**	**0.78**	**0.81**	2400	5400	*192*	< 4.4	< 1.2	1660	373	563	2920
1	PZ-2113	4/26/2022	*0.87*	< 0.0020	< 0.00047	< 0.00057	**173 J**	**101 J**	**0.73 J**	**0.47 J**	1400 J-	2860	*184*	9.8 J	< 1.2 UJ	906	266	771	2600
1	PZ-2113	7/26/2022	*1.1*	< 0.0020	< 0.00047	< 0.00057	**183**	**180**	**0.61**	**0.55**	1610 J-	4040	**318**	< 4.4	< 12.0	1080 J-	506	2030	5410
1	PZ-2113	10/27/2022	*1.3*	< 0.0020	< 0.00047	< 0.00057	**184 J**	**142 J**	**0.6**	**0.56**	1990 J+	1920	**331 J-**	< 4.4	< 1.2	1310	393	1680	4840
1	PZ-2113	1/25/2023	*1.1*	< 0.0010	< 0.00024	< 0.00028	**94**	**86.6**	**0.39**	**0.37**	1600	1940	**351**	< 4.4	< 1.2	1090	309	1290	3900

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2114	12/14/2020	0.12	< 0.0010	< 0.00024	0.0052	**1.1**	**1.4**	*0.16*	*0.16*	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	**2.2**	**2.6**	*0.13*	*0.13*	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	**3.2**	**4.2**	*0.14*	*0.15*	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	**2.4**	**2.7**	*0.12*	*0.12*	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	**2.4**	**3.5**	*0.23*	*0.22*	542 J-	175	*168*	*193*	< 1.2	43.6	22.2	68.6	3460
1	MW-2114	7/25/2022	0.19	< 0.0010	< 0.00024	0.0044	**0.82**	**1.1**	*0.16*	*0.15*	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	**1.2**	**1.3**	*0.16*	*0.14*	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	**2.7**	**2.7**	*0.18*	*0.16*	527	134	*125*	**290**	< 1.2	46	16.2	2.1 J	5430
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	*137*	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	*130*	*151*	< 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	**0.37**	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	*167*	< 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+	*177*	< 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	**0.3**	*0.064*	*0.12*	217	< 15.5	*129*	*194*	< 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	*125*	*182*	< 1.2	3.7	< 0.39	< 0.25	< 0.58
1	MW-61	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	NA	NA	NA
1	MW-61	6/15/2017	NA	NA	NA	NA	**2.99**	**3.01**	NA	NA	397	NA	**431**	5.7 J	NA	1.9 J	30.9	244	2720
1	MW-61	9/13/2017	NA	NA	NA	NA	**1.8**	**1.59**	NA	NA	428	NA	**350**	25.8	< 1.2	2.5	23.6	195	1870
1	MW-61	3/21/2018	NA	NA	NA	NA	**2.25**	**2.22**	NA	NA	389	NA	**551**	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	**2**	**1.8**	*0.14*	*0.13*	435	17.0 J	*236*	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	**2.1**	**2.8**	*0.13*	*0.14*	373	39.5 J	*231*	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	**2.2**	0.047	*0.074*	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	**0.65**	**0.96**	*0.2*	*0.23*	359	17.1 J	**346**	81.8	< 1.2	3.8	114	130	4480
1	MW-61	4/27/2022	0.11	< 0.0010	< 0.00024	0.0023	**1.5**	**1.7**	*0.17* J	*0.13* J	299	21.5 J	*240* J	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	**2.4**	**2.4**	*0.24*	*0.23*	393 J-	54.5	**405 J+**	91.7	< 1.2	5	49.9	268	1390 J
1	MW-61	10/27/2022	0.11	< 0.0010	< 0.00024	0.001	**1.8**	**1.6**	*0.2*	*0.19*	377 J+	41.1 J	*209*	*151* J-	< 1.2	9.7	31.6	163	1270
1	MW-61	1/24/2023	0.081	< 0.0010	< 0.00024	0.00084 J	**3.7**	**3.7**	*0.22*	*0.2*	266	51.7	74.3	*199*	< 1.2	12.8	7.9	82.8	1040
1	MW-61 DUP	6/15/2017	NA	NA	NA	NA	**2.93**	**3.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1	MW-61 DUP	3/21/2018	NA	NA	NA	NA	**2.3**	**2.24**	NA	NA	418	NA	**599**	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	**1.6**	**1.8**	*0.19*	*0.17*	329	19.3 J	**335 J**	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	**2.3**	**2.4**	*0.23*	*0.23*	412 J-	34.7 J	**402 J+**	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	**1.6**	**1.6**	*0.21*	*0.19*	373 J+	39 J	*194*	*150* J-	< 1.2	9.7	31.1	159	1310

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-61	6/15/2017	NA	NA	NA	NA	**296**	**312**	NA	NA	1660	NA	**1750**	< 100	NA	4840	8.3	27.1	279
1	PZ-61	9/13/2017	NA	NA	NA	NA	**896**	**968**	NA	NA	1320	NA	**1020**	13.4 J	< 1.2	5680	34.8	54	403
1	PZ-61	3/21/2018	NA	NA	NA	NA	**756**	**570**	NA	NA	1460	NA	**360**	< 20	NA	2050	9.2	68.9	4460
1	PZ-61	12/11/2020	*1.2*	< 0.020	< 0.00024	0.019 J	**57.8**	**50.8**	*0.092*	*0.088*	1150 J-	531	**1050**	< 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	**25**	**30.9**	*0.12*	*0.15*	734	208	**391**	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	**1.3**	**2.2**	0.058	*0.063*	159	17.1 J	25.4	38.8	< 1.2	6.8	19.7	14.3	4230
1	PZ-61	3/21/2022	*0.53*	< 0.0020	< 0.00047	0.0044	**323**	**311**	**0.31**	**0.33**	1200	1930	**480**	< 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	**130**	**135**	*0.15*	*0.2*	465	553	**284**	< 2.2	< 1.2	115	18.4	3.3 J	11500
1	PZ-61	7/25/2022	*0.46*	< 0.0010	< 0.00024	0.0076	**138**	**146**	*0.28*	**0.4**	720 J-	380	**710 J+**	< 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	**95.8**	**93.3**	*0.15*	*0.17*	633 J+	30.5 J	**629**	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	**116**	**115**	*0.17*	*0.18*	883	209	**938**	< 2.2	< 1.2	38.8	18.1	< 0.25	11000
1	PZ-75	3/17/2017	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	**3.02**	NA	NA	399	NA	**539**	102	NA	1.1 J	15.5	2.4 J	436
1	PZ-75	9/14/2017	NA	NA	NA	NA	**4.09**	**3.89**	NA	NA	397	NA	**506**	118	< 1.2	10.3	12.1	23.3	542
1	PZ-75	3/22/2018	NA	NA	NA	NA	**0.4**	**0.614**	NA	NA	417	NA	**542**	103	NA	3.1	11.7	52.1	716
1	PZ-75	12/11/2020	0.049	< 0.0010	< 0.00024	0.0014	**1.9**	**1.9**	**0.41**	**0.41**	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	**26**	**57.4**	**6.3**	**10**	819	169	**265**	38.2 J+	< 1.2	26.6	14.9 J-	8.7 J-	2900 J-

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

J = Estimated value (+/- indicated the direction of bias)
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

U = Qualified nondetect due to contamination
NE = Not Established
NA = Not Analyzed
Diss = Dissolved
T = Total

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	70	5	100	5	0.2
		PAL	40	85	0.7	0.5	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date									
2	MW-31	5/16/2018	< 5	< 2.4	< 4.1	< 5	*27*	< 2.3	15	**807**	< 1.8
2	MW-31	10/17/2018	< 0.98	< 1.1	*1.3* J	< 0.99	*17.9*	< 2.3	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	*70.6*	**117**	**0.37** J
2	MW-31	10/9/2019	1.1	< 0.27	< 0.24	< 0.25	1.1	< 0.58	< 1.1	**239**	< 0.17
2	MW-31	4/15/2020	0.32 J	< 0.27	*2.2*	< 0.25	*42.2*	< 0.58	*26.4*	**133**	< 0.17
2	MW-31	11/4/2020	< 0.24	0.39 J	*5.6*	< 0.25	**115**	< 0.58	*87.5*	**180**	< 0.17
2	MW-31	4/9/2021	< 0.61	< 0.59	*4.3*	< 0.59	**70.7**	< 0.64	*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	< 0.53	< 0.32	< 0.17
2	MW-31	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	*0.87* J	< 0.53	< 0.32	< 0.17
2	MW-31	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	*0.70* J	< 0.53	< 0.32	< 0.17
2	MW-31	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-31	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-31	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	0.39 J	< 0.53	< 0.32	< 0.17
2	MW-31	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	**5.6**
2	MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
2	MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
2	MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
2	MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
2	MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
2	MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
2	MW-113	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-113	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-113	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-113	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-113	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	3.9	< 0.23	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	< 1.1	< 0.26	**14.1**
2	MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.1	< 0.58	< 1.1	< 0.26	**10.1**
2	MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	2.4	< 0.58	< 1.1	**6.9**	**10.9**
2	MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.6	< 0.58	< 0.46	< 0.26	**10.4**
2	MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.9	< 0.58	< 0.46	< 0.26	**12**
2	MW-114	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.5	< 0.32	< 0.53	< 0.32	**13.1**
2	MW-114	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.53	< 0.32	**18.7**
2	MW-114	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.53	< 0.32	**22.2**
2	MW-114	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.53	< 0.32	**32**
2	MW-114	4/25/2022	< 0.30	< 0.30	< 0.58	< 0.30	6.7	< 0.32	< 0.53	< 0.32	**62**
2	MW-114	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	**47.6**
2	MW-114	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	**4.3**
2	MW-114	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	**2**

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	70	5	100	5	0.2
		PAL	40	85	0.7	0.5	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date									
2	MW-114 DUP	5/16/2018	3.4	1.3	< 0.41	< 0.5	4.2	< 0.23	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	< 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	< 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	< 1.1	**7**	**9.6**
2	MW-114 DUP	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.46	< 0.26	**9.9**
2	MW-114 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	1.5	< 0.58	< 0.46	< 0.26	**10**
2	MW-114 DUP	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.2	< 0.32	< 0.53	< 0.32	**12.3**
2	PZ-118	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	4.7	< 0.23	< 0.26	< 0.33	**22.1**
2	PZ-118	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	5.2	< 0.58	< 1.1	< 0.26	**17.3**
2	PZ-118	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.25	2.6	< 0.58	< 1.1	< 0.26	**1.8**
2	PZ-118	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	3.9	< 0.58	< 1.1	< 0.26	**3.7**
2	PZ-118	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	*12.8*	< 0.58	< 0.46	< 0.26	**4.5**
2	PZ-118	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	*13.8*	< 0.58	< 0.46	< 0.26	**8.8**
2	PZ-118	4/7/2021	< 0.30	< 0.30	< 0.58	< 0.30	6.9	< 0.32	< 0.53	< 0.32	**3.1**
2	PZ-118	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	6	< 0.32	< 0.53	< 0.32	**1.9**
2	PZ-118	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	4.4	< 0.32	< 0.53	< 0.32	**0.83** J
2	PZ-118	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.3	< 0.32	< 0.53	< 0.32	**1.9**
2	PZ-118	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.6	< 0.32	< 0.53	< 0.32	**1.6**
2	PZ-118	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	2.9	< 0.32	< 0.53	< 0.32	**2.4**
2	PZ-118	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	*7*	< 0.32	< 0.53	< 0.32	**3.1**
2	PZ-118	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	2.8	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2201	12/9/2020	< 0.24	9.6	0.53 J	< 0.25	**289**	< 0.58	*35.3*	**16.1**	**11.6**
2	MW-2201	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	**5.7**	< 0.17
2	MW-2201	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	5.8	< 0.32	< 0.53	< 0.32	**1.6**
2	MW-2201	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	*11.2*	< 0.32	< 0.53	< 0.32	**3.8**
2	MW-2201	2/28/2022	< 0.30	0.46 J	< 0.58	< 0.30	*26.3*	< 0.32	< 0.53	< 0.32	**12.7**
2	MW-2201	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	*17.6*	< 0.32	< 0.53	< 0.32	**8.9**
2	MW-2201	7/26/2022	< 0.30	2	< 0.58	< 0.30	**357**	< 0.32	< 0.53	< 0.32	**316**
2	MW-2201	10/26/2022	< 1.5	< 1.5	< 2.9	< 1.5	**245**	< 1.6	< 2.6	< 1.6	**542**
2	MW-2201	1/24/2023	< 1.5	< 1.5	< 2.9	< 1.5	**189**	< 1.6	< 2.6	< 1.6	**229**
2	MW-2201 DUP	12/9/2020	< 0.49	8.6	< 0.49	< 0.49	**276**	< 1.2	*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	< 0.53	**5.6**	< 0.17
2	MW-2201 DUP	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	6.3	< 0.32	< 0.53	< 0.32	**2.1**
2	MW-2201 DUP	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	*11*	< 0.32	< 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	< 0.53	< 0.32	**12.1**
2	MW-2201 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	*18.1*	< 0.32	< 0.53	< 0.32	**7.9**
2	MW-2201 DUP	7/26/2022	< 0.61	1.9 J	< 1.2	< 0.59	**337**	< 0.64	1.6 J	< 0.64	**279**
2	MW-2201 DUP	10/26/2022	< 0.61	2.5	< 1.2	< 0.59	**246**	< 0.64	< 1.1	< 0.64	**523**
2	MW-2201 DUP	1/24/2023	< 0.61	1.3 J	< 1.2	< 0.59	**185**	< 0.64	< 1.1	< 0.64	**215**

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	70	5	100	5	0.2
		PAL	40	85	0.7	0.5	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date									
2	MW-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	*19.2*	< 0.58	2.6	< 0.26	**3.5**
2	MW-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	*9.4*	< 0.32	2.2	< 0.32	**2.8**
2	MW-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	*1.7*	< 0.17
2	MW-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.3	< 0.32	< 0.53	*1.5*	< 0.17
2	MW-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	1.7	< 0.32	< 0.53	*1.2*	< 0.17
2	MW-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	*1.4*	< 0.17
2	MW-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	*1.1*	< 0.17
2	MW-2202	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	0.5 J	< 0.32	< 0.53	*1*	< 0.17
2	MW-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	*1.1*	< 0.17
2	PZ-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	*19.2*	< 0.58	3.9	< 0.26	< 0.17
2	PZ-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	2.2	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	1.8	< 0.32	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	0.63 J	< 0.32	**2**
2	PZ-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	0.93 J	< 0.32	< 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	< 0.53	< 0.32	< 0.17
2	PZ-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2202	10/26/2022	< 0.30	< 0.30	< 0.58	0.39 J	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
2	MW-2203	4/9/2021	< 0.30	0.35 J	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	MW-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
2	PZ-2203	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.47	< 0.32	< 0.53	< 0.32	< 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, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
2	MW-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-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 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-2202	12/8/2020	0.077	< 0.0010	< 0.00024	0.0015	**1.5** J+	**6.1**	*0.15*	*0.18*	401	< 14.7	30.3	*226*	< 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**	*0.15*	*0.15*	405	< 15.5	27.4	*233*	< 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**	*0.14*	*0.14*	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**	**0.63**	**0.64**	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**	**0.43**	**0.43**	647	138	12.4	**483**	1.6 J	26.6	< 0.39	< 0.25	41.5

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
2	PZ-2202	12/8/2020	0.057	< 0.0010	< 0.00024	0.00075 J	**1.2 J+**	**1**	*0.06*	*0.063*	351	< 14.7	*126*	**252**	< 1.2 UJ	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**	*0.081*	*0.095*	360	14.8 J	*189*	*240*	< 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**	**0.34**	**0.35**	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**	**0.5**	**0.48**	924	1560	*130*	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**	**0.48**	**0.51**	1080	1930	*157*	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**	*0.24*	*0.22*	436	26.0 J	11.8	**501**	< 1.2 UJ	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	*0.12*	*0.12*	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	*0.22 J*	*0.19 J*	*0.17*	*0.17*	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	*0.06*	338	17.0 J	117	*233*	< 1.2 UJ	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	*0.093*	*0.095*	322	< 15.5	114	*242*	< 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	*0.092*	*0.11*	311	< 14.7	109	*204*	< 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	*189*	< 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	*223*	< 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, February 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, February 2021 exceedances are **bold.**

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	400	70	5	60	800	100	5	0.2
		PAL	40	85	0.7	0.5	80	7	0.5	12	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
3	MW-2301	12/7/2020	< 0.24	< 0.27	**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 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	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 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

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	400	70	5	60	800	100	5	0.2
		PAL	40	85	0.7	0.5	80	7	0.5	12	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
3	MW-2302	12/7/2020	0.43 J	47.9	< 0.24	0.42 J	19.1	*17.2*	**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	*17.9*	**9.6**	< 1.1	< 0.29	0.73 J	*3.9*	**4.6**
3	MW-2302	11/20/2021	0.44 J	8.6	< 0.58	< 0.30	20.3	5	*3.8 J*	< 1.1	< 0.29	< 0.53	*1.4*	**3.8**
3	MW-2302	12/22/2021	1.1	7	< 0.58	< 0.30	2.6 J	2.8	*2.5 J*	< 1.1	< 0.29	< 0.53	*2.6*	**1.5**
3	MW-2302	1/24/2022	0.64 J	11.9	< 0.58	< 0.30	5.9	5	*3.6 J*	< 1.1	< 0.29	< 0.53	*2.2*	**2.5**
3	MW-2302	4/27/2022	2.7	12	< 0.58	< 0.30	< 1.4	*19.2*	**12**	< 1.1	< 0.29	< 0.53	**6.1**	**0.75 J**
3	MW-2302	7/26/2022	1.7	83.2	< 0.58	*0.51 J*	17.3	*26.9*	**93.5**	< 1.1	< 0.29	0.67 J	*4*	**22.8**
3	MW-2302	10/26/2022	< 0.30 UJ	*123 J-*	< 0.58 UJ	*0.61 J-*	16.5 J-	*42.8 J-*	**96.5 J-**	< 1.1 UJ	< 0.29 UJ	0.78 J-	*1.4 J-*	**21.3 J-**
3	MW-2302	1/23/2023	2.7	3.6	< 0.58	< 0.30	< 1.4	*16.4*	*1.0 J*	< 1.1	< 0.29	< 0.53	**6.8**	**0.54 J**
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	MW-2303	12/8/2020	0.63 J	1.9 J	*1.5 J*	< 0.49	< 2.7	**279**	< 1.2	< 2.5	< 0.54	*23.7*	**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	*0.54 J*	**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	*0.82 J*	**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	*10.4*	< 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	*0.55 J*	**10.2**

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	*9*	< 0.32	*30.3*	< 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

Notes:
ug/L = micrograms per liter
NA = Not Analyzed
J = Estimated
U = Qualified nondetect due to contamination
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

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

		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	**0.94**	**0.89**	*0.19*	*0.17*	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	**0.53**	**0.61**	*0.14*	*0.14*	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	**132**	**131**	**0.8**	**0.77**	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	**31.4**	**33.8**	*0.099*	*0.1*	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	**22.5**	**22.9**	*0.12*	*0.12*	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	**15.8**	**13.8**	*0.062*	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	**0.71 J**	**18.5 J**	*0.14 J*	*0.071 J*	178 J-	105	14.0 J+	10.5 J+	1.6 J	13.3	62.5	72.9	6220
3	MW-2301	10/26/2022	0.055	< 0.0010 UJ	0.00036 J	0.0005 J	**3.7**	**6.3**	0.03	0.034	211 J+	55.9	26.9 J-	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	**5.5**	0.026	0.037	277	124	26.6	9.8 J	< 1.2	26.8	46.4	158	11400
3	MW-2301 DUP	4/9/2021	0.075	< 0.0010	< 0.00024	0.0064	**0.64**	**0.65**	*0.15*	*0.14*	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	**22.8**	**24.4**	*0.12*	*0.12*	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	**15**	**14.1**	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	*0.18 J*	**9.2 J**	*0.073 J*	0.033 J	188	89.6	13.9 J+	10.9 J+	< 1.2	13.8	58.4	67.9	5590
3	MW-2301 DUP	10/26/2022	0.052	*0.02 J*	0.00042 J	0.0097 J	**3.7**	**7.6**	0.029	0.037	218 J+	74.5	23.4 J-	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	**5.1**	0.027	0.036	269	134	27.8	7.4 J	< 1.2	29.6	49.2	164	10800
3	PZ-2301	12/7/2020	0.093	0.0013 J	< 0.00024	0.0032	< 0.058	**2.2**	*0.18*	*0.18*	338	17.0 J	64	*130*	< 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	*0.16 J*	0.13 J	*0.077*	*0.069*	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	**51.8**	**54.9**	*0.2*	*0.21*	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	**43.9**	**37.4**	*0.21*	*0.17*	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	**6.4**	**10.3**	*0.091*	*0.091*	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	**0.66**	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	*0.22 J*	< 0.0035 U	< 0.0041 U	164 J-	114	24.9	26.0 J+	< 1.2	43.9 J-	7.3	5.9	1730
3	PZ-2301	10/26/2022	0.034	< 0.0010	< 0.00024	< 0.00028	< 0.058	**0.35**	< 0.0012	0.0022 J	139 J+	53.8	24.5 J-	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	*0.23 J*	< 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 DUP	4/9/2021	0.055	< 0.0010	< 0.00024	0.0012	0.14 J	*0.15 J*	*0.076*	*0.081*	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	**7**	**10.6**	*0.093*	*0.092*	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	**0.72**	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	*0.21 J*	< 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	**0.32**	< 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	*0.22 J*	< 0.0012	0.0022 J	116	32.1 J	21.6	27.5	< 1.2	2.4	6.5	5.1	848

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-2302	12/7/2020	0.05	0.0063	< 0.00024	0.0011	**0.85** J+	**1.6**	*0.11*	*0.11*	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	**0.53**	**0.57**	*0.078*	*0.079*	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	**1.3**	**1.5**	*0.075*	*0.074*	629	92	72.3	**385**	< 1.2	22.3	39.1	3.0 J	9000
3	MW-2302	12/22/2021	0.07	0.0065	< 0.00024	0.0013	**1.8**	**2.2**	*0.12*	*0.12*	555	74.2	60.9	**551**	< 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	**1.3**	**1.4**	*0.065*	*0.064*	659	99	72.2	**386**	< 1.2	23	25.8	1.7 J	10000
3	PZ-2302	12/7/2020	0.18	0.0028 J	< 0.00024	0.0022	**0.96**	**1.8**	*0.21*	*0.18*	483 J-	14.8 J	**324**	**291**	< 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	**0.66**	**0.61**	*0.15*	*0.16*	489	28.2 J	**379**	**303**	< 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	**1.3**	**1.4**	*0.19*	*0.18*	432	14.9 J	**316**	**297**	< 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	**1.2**	**1.3**	*0.18*	*0.17*	459	21.5 J	**327**	**299**	< 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	**0.84**	**0.88**	*0.18*	*0.18*	453	< 14.7	**334**	**302**	< 1.2	3.1	0.96 J	< 0.25	27.2
3	MW-2303	12/8/2020	0.13	0.006	*0.0054*	0.0074	**4.5**	**7.2**	**0.6**	**0.66**	354	57.4	64.1	*201*	< 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	**0.80** J	**0.55** J	450	< 14.7	*177*	**372**	< 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	**18.3**	**16.1**	**0.73**	**0.63**	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	**62.5**	**47.4**	**2.1**	**1.4**	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	**29.9**	**17.6**	**0.97**	**0.55**	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	**13.1**	**15.5**	**0.54**	**0.58**	643	52.3	*149*	*155*	< 1.2	16.3	6.1	22.2	7340
3	MW-2303	7/26/2022	0.13	< 0.0010	< 0.00024	0.00028 J	**1.5**	**1.7**	*0.14*	*0.13*	439 J-	32.5 J	*162* J+	33.3 J+	< 1.2	3.6	16	95.1	3960
3	MW-2303	10/26/2022	0.12	0.0039	< 0.00024	0.00067 J	**2.5**	**2.2**	*0.18* J	*0.12* J	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	**2.6** J	**1.3** J	*0.2*	*0.19*	296	39.0 J	75.6	*216*	< 1.2	2.4	1.7 J	11.6	433
3	PZ-2303	12/8/2020	0.18	< 0.0010	< 0.00024	0.0012	**1.6** J+	**1.6**	**0.36**	**0.35**	453 J-	< 14.7	51.5	*230*	< 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	**3.0** J	**2.4** J	**0.53**	**0.49**	468	< 14.7	*150*	**445**	< 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	**16.6**	**17.5**	**0.69**	**0.62**	1320	1260	115	80.1	1.4 J	454	1.6 J	1.7 J	99.3
3	PZ-2303	12/22/2021	*0.51*	< 0.0010	< 0.00024	< 0.00028	**27**	**36.3**	**0.53**	**0.53**	1600	4240	108	8.8 J	< 1.2	671	3.5 J	6.3	355
3	PZ-2303	1/24/2022	*0.71*	< 0.0010	< 0.00024	< 0.00028	**32.3**	**32.6**	**0.84**	**0.78**	1760	2370	98.5	3.4 J	< 1.2	873	10	36.9	2470
3	PZ-2303	4/27/2022	*0.51*	0.0011 J	< 0.00024	0.00045 J	**18.2**	**20.3**	**0.62**	**0.61**	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	**9**	**11.8**	*0.26*	*0.29*	941 J-	305	*137* J+	73.3 J+	1.2 J	100	19.7	< 0.25	13500
3	PZ-2303	10/26/2022	0.32	< 0.0010	< 0.00024	0.0012	**4**	**4.6**	*0.22*	*0.2*	812 J+	30.5 J	*161* 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	**4.1**	**3.4**	*0.18*	*0.17*	744	28.4 J	*152*	97.5	< 1.2	2.2	5.4 J	< 0.25	5140

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
= 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, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date					
4	MW-44	5/17/2018	< 0.41	< 0.26	< 0.26	< 0.33	< 0.18
4	MW-44	10/18/2018	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	4/16/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	10/9/2019	< 0.24	< 0.27	< 1.1	< 0.26	< 0.17
4	MW-44	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-65	12/10/2020	< 2.4	**870**	*25.5*	**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	< 0.53	*0.77* J	**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	*1.9* J	**3220**	*32.3*	< 0.80	**1140**
4	MW-65	1/25/2023	< 29.1	**3500**	*29.3* J	< 16.0	**6370**
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

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date					
4	MW-79	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-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-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

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date					
4	MW-82	5/17/2018	< 4.1	**561**	*42.3*	**304**	**7.5** J
4	MW-82	10/18/2018	< 0.24	**133**	4	**17.9**	**25.1**
4	MW-82	4/17/2019	*0.88* J	**372**	*36.7*	**204**	**4.1**
4	MW-82	10/9/2019	< 1.2	**553**	*46.9*	**220**	**11**
4	MW-82	4/15/2020	< 1.2	**417**	*39.2*	**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**	*45*	**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 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	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	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

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	100	5	0.2
		PAL	0.7	7	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date					
4	MW-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	*2.8*	< 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 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, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
4	MW-44	12/10/2020	0.033	< 0.0010	< 0.00024	0.001	< 0.058	**0.42**	0.037	*0.076*	388	< 14.7	**339**	*163*	< 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	*0.20* J	0.023	*0.096*	384	< 14.7	**341**	*166*	< 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	*0.068*	*0.069*	396	25.9 J	**421**	*154*	< 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	*0.12*	*0.16*	384	15.7 J	**506**	*145*	< 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	**1.6**	0.036	**0.43**	370	< 14.7	**476**	*132*	< 1.2	1.1	< 0.39	< 0.25	< 0.58
4	MW-65	12/10/2020	0.3	< 0.0010	< 0.00024	0.0032	**0.76**	**1.1**	*0.12*	*0.12*	451	41.7 J	**1080**	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	**4.6**	**27.8**	**0.44**	**0.55**	487	23.7 J	**482**	*136*	< 1.2	3.9	< 1.2	< 1.2	16.3
4	MW-65	12/8/2021	*0.63*	< 0.0020	< 0.00047	< 0.00057	**27.9**	**33.2**	*0.079*	*0.068*	494	377	**965**	< 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	**12.3**	**12.7**	0.043	0.044	436	65.5	**929**	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	**13.3**	**14.7**	*0.092*	*0.097*	419	30.3 J	**884**	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	**17**	**16.9**	*0.26*	*0.26*	563 J-	34.7 J	**833**	*148*	< 1.2 UJ	2.9	0.82 J	1.0 J	44.5
4	MW-65	7/26/2022	*0.7*	< 0.0010	< 0.00024	0.00060 J	**16.1**	**17.4**	**0.35**	**0.35**	540 J-	28.1 J	**855 J+**	120 J+	< 1.2	2	0.62 J	2.7 J	89.7
4	MW-65	10/25/2022	*1.2*	< 0.0010	< 0.00024	< 0.00028	**36.3**	**34.5**	*0.14*	*0.15*	609	96.2	**1140**	5.6 J	< 1.2	27.8	5.5 J	293	702
4	MW-65	1/25/2023	*0.99*	< 0.0010	< 0.00024	< 0.00028	**15.4**	**17.9**	*0.19*	*0.18*	574	77.1	**1170**	19.0 J	< 1.2	1.6	2.2 J	481	1830
4	MW-79	4/7/2021	0.29	< 0.0051	*0.0018*	0.0017	**3.4**	**3.5**	*0.2*	*0.2*	433	79.9	**2080**	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	**3.7**	**3.9**	*0.16*	*0.17*	375	109	**2460**	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	**3.8**	**4.3**	*0.21*	*0.22*	386	87.4	**2540**	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	**3.3**	**4.1**	*0.17*	*0.18*	359	72.1	**2450**	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	**2.5**	**3.3**	*0.11*	*0.12*	457	48.4 J	**667**	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	**2.6**	**4.8**	0.052	*0.067*	451	45.7 J	**650**	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	**3.1**	**3.5**	*0.066*	*0.067*	450	17.1 J	**611**	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	**2.8**	**3.3**	*0.061*	*0.065*	440	19.3 J	**575**	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	**4.8**	**5.7**	*0.21*	*0.21*	485	37.2 J	**984**	103	< 1.2	2	< 1.2	< 1.2	20.1
4	MW-81	12/8/2021	0.15	< 0.0010	< 0.00024	< 0.00028	**4.8**	**4.8**	*0.17*	*0.17*	455	45.7 J	**771**	*126*	< 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	**4.8**	**5.3**	*0.17*	*0.18*	474	< 14.7	**706**	122	< 1.2	2	< 0.39	< 0.25	3.4
4	MW-81	2/7/2022	0.15	< 0.0010	< 0.00024	< 0.00028	**2.1**	**5.9**	*0.17*	*0.18*	448	38.8 J	**706**	116	< 1.2	1.9	< 0.39	< 0.25	< 0.58
4	MW-82	4/7/2021	*0.45*	< 0.0051	< 0.0012	< 0.0014	**3.7**	**4.1**	*0.15*	*0.15*	437	64.1	**1330**	62.7	< 1.2	4.2	< 1.2	< 1.2	70.7
4	MW-82	12/8/2021	*0.64*	< 0.0020	< 0.00047	< 0.00057	**139**	**159**	**0.74**	**0.78**	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**	**0.51**	*0.24*	297	494	*170*	< 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**	**0.44**	**0.32**	610	1050	*196*	< 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	**0.31**	259 J-	2230 J	*139*	18.2 J+	< 23.9	6.0 J-	13.4	13.3	5640

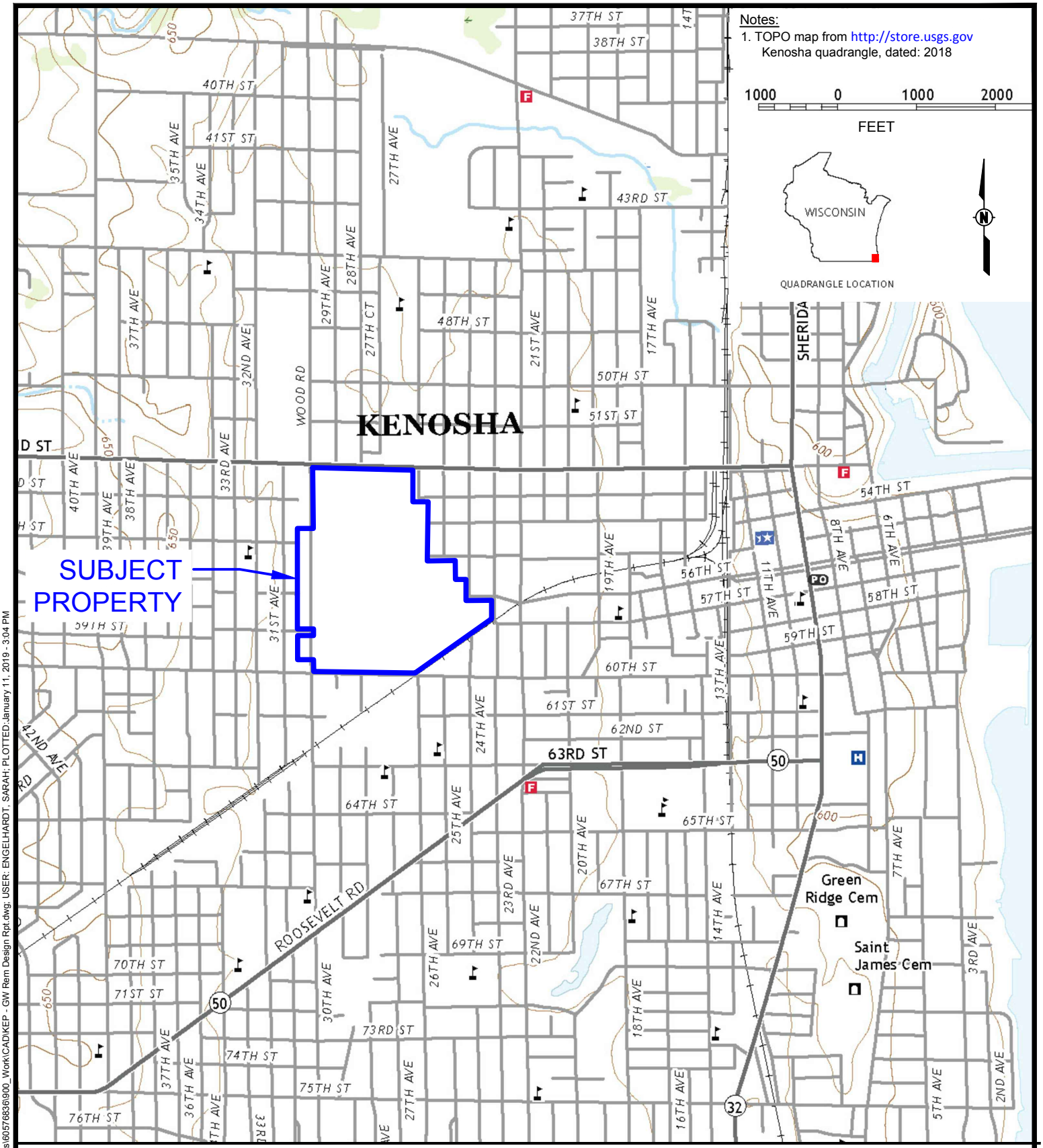
Table 6B
Select Metals and Geochemical Parameters in Groundwater
Treatment Area 4
Former Kenosha Engine Plant

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
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 DUP	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 DUP	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	*126*	10.3 J+	28.0 J	8.0 J-	15.4	16.2	5180
4	MW-82 DUP	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 DUP	1/24/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	623	NA	NA	< 1.2	1.2	24.5	5.4	7750 J
4	MW-82 DUP	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	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	*0.42*	< 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	*0.48*	< 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**	*142* 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**	*183*	< 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**	*148* 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, June 2021 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, June 2021 exceedances are **bold.**

Figures

Figure 1 Site Location
Figure 2 Site Layout and Monitoring Locations
Figure 3 Groundwater Elevation Contour Map (Water Table Wells) – January 2023
Figure 4 Groundwater Elevation Contour Map (Piezometers) – January 2023



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SITE LOCATION (USGS TOPOGRAPHIC MAP)
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	SAE	12/3/2018
Checked:	KC	12/3/2018
Approved:	LLA	12/3/2018

PROJECT NUMBER 60646104

FIGURE NUMBER 1

LEGEND

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

NOTES:

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

0' 150' 300' 600'

SCALE

N

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SITE LAYOUT, REMEDIATION AREAS, AND MONITORING LOCATIONS
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	SAE	12/5/2018
Checked:	KC	12/5/2018
Approved:	LLA	12/5/2018

PROJECT NUMBER 60646104

FIGURE NUMBER 2

File: L:\DCS\Projects\ENV\60682984_2022_KEP_GW_Smpl\900_CAD_GIS\CAD\KEP-GW Rem Design Rpt.dwg; USER: SCHOLZ, CAROLYN; PLOTTED:March 6, 2023 - 1:35 PM

LEGEND

- APPROXIMATE SITE BOUNDARY
- RAILROAD
- EXISTING FENCE
- REMEDIATION BUILDING
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- MONITORING WELLS AND PIEZOMETERS - EXISTING PERIMETER MONITORING LOCATIONS
- REMEDIAL TREATMENT AREAS
- (615.11) 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.

0' 150' 300' 600'

SCALE

N

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GROUNDWATER ELEVATIONS CONTOUR MAP (WATER TABLE)
JANUARY 2023
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	CAS	3/6/2023
Checked:	LLA	3/6/2023
Approved:	LLA	3/6/2023

PROJECT NUMBER 60682984

FIGURE NUMBER 3

LEGEND

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

NOTES

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

0' 150' 300' 600'

SCALE

N

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

Drawn :	CAS	3/6/2023
Checked:	LLA	3/6/2023
Approved:	LLA	3/6/2023

PROJECT NUMBER 60682984

FIGURE NUMBER 4

Appendix A Laboratory Analytical Report

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Memorandum

Date: February 17, 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 January 23 to 25, 2023. Forty-nine groundwater samples, 6 field duplicates, and 2 trip blanks were submitted to Pace Analytical, Green Bay for analysis. Pace processed the samples and reported the results under sample delivery group (SDG) 40257568.

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

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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 ºC, except as noted below.

VOC sample TB-01 was analyzed from a vial with headspace that exceeded 6 mm (sample receipt information indicates both vials were received with headspace). VOC results for this sample were nondetect and qualified as estimated (UJ).

The post analysis pH measurement for VOC and methane/ethane/ethene (MEE) samples PZ-2101, PZ-2103, PZ-2103D, and PZ-2111 indicate insufficient preservation. These samples were analyzed within the 7-day hold time for unpreserved samples, and were acceptable without qualification.

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

- Sample receipt information indicates that 3 of the 6 vials for sample MW-2111, one of six vials for sample MW-2103, and all vials for samples TB-01 and TB-02 were received with headspace exceeding 6 mm.
- Sample PZ-2101 was not originally listed on the CoC. The laboratory added this sample to the CoC based on the bottles received.
- The sample collection dates were missing on page 3 of the CoCs for nine samples. The collection dates were most likely taken from the sample labels.

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
436717	2/2/2023	Manganese	0.0013 J mg/L	The associated sample concentrations were greater than 5 times the blank concentration, and were acceptable without qualification.

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Trip Blanks

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

Surrogate Recoveries

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

Laboratory Control Samples (LCSs)

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

Batch (Analysis Date)	Compound	% Recovery	Recovery Limits	Results Qualified
436637 (1/27/23)	Chloroform	124	80-123	Associated sample results were nondetect, and were acceptable without qualification.

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:

- VOCs: MW-81, MW-2104, PZ-2114
- Dissolved Metals: PZ-2103, PZ-2301
- Total Metals: MW-82, PZ-2301
- Methane/Ethane/Ethene: PZ-2110
- Alkalinity: MW-2102, PZ-2103, PZ-2114
- Chloride, Sulfate: MW-2102, MW-2111, PZ-2114, PZ-2301
- COD: MW-82, MW-82D, PZ-2301, PZ-2301D
- Sulfide: MW-2101, PZ-2301
- TOC: MW-61, MW-2107

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-81	Chloroform	**126/124**	80-123	The result for sample MW-81 was nondetect and was acceptable without qualification.
MW-2111	Chloride	**112**/104	90-110	Results for sample MW-2111 were qualified as estimated biased high (J+). Note – qualification was limited to the spiked sample, as another MS/MSD within this batch was in control.
	Sulfate	**117**/109	90-110	

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Sample ID	Analyte	% Recovery	Recovery Limits	Qualifiers
PZ-2103	Calcium	**275/207**	75-125	The sample concentrations were greater than 4 times the spike concentration. No qualifiers.
	Magnesium	**142/143**	75-125	
	Sodium	**2350/4370**	75-125	

Quantitation

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

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

Sample	Analyte	Units	Total	Dissolved	RPD
MW-2303	Iron	mg/L	1.3	2.6	67
MW-82	Manganese	mg/L	0.11	0.14	24
PZ-2107	Manganese	mg/L	0.048	0.079	49

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 ± the LOQ for values with 5 times the LOQ, except for those indicated in bold in the table below. Results associated with field imprecision were qualified as estimated (J/UJ).

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
MW-82 / MW-82D:					
Barium, dissolved	mg/L	0.0023	0.064	0.072	11.8
Iron, dissolved	mg/L	0.25	0.18 J	0.15 J	18.2
Iron, total	mg/L	0.5	4.2	4.6	9.1
Manganese, dissolved	mg/L	0.004	0.14	0.15	6.9
Manganese, total	mg/L	0.0081	0.11	0.12	8.7
Nickel, dissolved	mg/L	0.001	0.0008 J	0.00081 J	1.2
Alkalinity, Total as CaCO3	mg/L	125	405	258	**> ± LOQ**
Chemical Oxygen Demand	mg/L	500	232	623	± LOQ
Chloride	mg/L	100	629	541	15
Ethane	ug/l	5.6	20.8	24.5	16.3
Ethene	ug/l	5	4.6 J	5.4	16
Methane	ug/l	140	5360	7750	**36.5**
Sulfate	mg/L	20	29.5	26.9	9.2
Total organic carbon	mg/L	0.5	1.3	1.2	8.0
MW-2103 / MW-2103D:					
cis-1,2-Dichloroethene	ug/l	25	745	632	16.4
trans-1,2-Dichloroethene	ug/l	25	11.1	13.6 J	20.2
Trichloroethene	ug/l	25	10 J	8.1 J	21

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Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Vinyl chloride	ug/l	25	1230	1030	17.7
Barium, dissolved	mg/L	0.0023	0.099	0.1	1.0
Iron, dissolved	mg/L	0.25	6.0	6.1	1.7
Iron, total	mg/L	2.5	8.5	8.6	1.2
Manganese, dissolved	mg/L	0.004	0.45	0.46	2.2
Manganese, total	mg/L	0.04	0.47	0.47	0
Nickel, dissolved	mg/L	0.001	0.0027	0.0025	7.7
Alkalinity, Total as CaCO3	mg/L	125	468	454	3.0
Chemical Oxygen Demand	mg/L	50	81.4	75	8.2
Chloride	mg/L	20	204	205	0.5
Ethane	ug/l	5.6	6.4	6.9	7.5
Ethene	ug/l	125	553	540	2.4
Methane	ug/l	70	2230	2170	2.7
Sulfate	mg/L	100	1100	1060	3.7
Total organic carbon	mg/L	5	13.9	14.4	3.5
MW-2201 / MW-2201D:					
1,1-Dichloroethane	ug/l	5	1.5 U	1.3 J	14.3
cis-1,2-Dichloroethene	ug/l	5	189	185	2.1
Vinyl chloride	ug/l	5	229	215	6.3
Barium, dissolved	mg/L	0.0023	0.059	0.057	3.4
Iron, total	mg/L	0.25	7.9	7.4	6.5
Iron, dissolved	mg/L	0.25	9.3	9.0	3.3
Manganese, total	mg/L	0.004	0.071	0.071	0
Manganese, dissolved	mg/L	0.004	0.087	0.086	1.2
Nickel, dissolved	mg/L	0.001	0.0013	0.0013	0
Alkalinity, Total as CaCO3	mg/L	50	417	412	1.2
Chemical Oxygen Demand	mg/L	50	39 J	41.1 J	5.2
Chloride	mg/L	20	77.9	76.3	2.1
Ethane	ug/l	5.6	6.2	6.8	9.2
Ethene	ug/l	5	78.5	83	5.6
Methane	ug/l	14	487	535	9.4
Sulfate	mg/L	100	729	797	8.9
Total organic carbon	mg/L	0.5	3.6	4.6	24.4
MW-2301 / MW-2301D:					
cis-1,2-Dichloroethene	ug/l	1	0.95 J	1.3	± LOQ
Vinyl chloride	ug/l	1	0.17 U	1.5	**> ± LOQ**
Barium, dissolved	mg/L	0.0023	0.058	0.061	5.0
Iron, total	mg/L	0.5	5.5	5.1	7.5
Iron, dissolved	mg/L	0.25	0.1 J	0.058 U	--

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Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Manganese, total	mg/L	0.0081	0.037	0.036	2.7
Manganese, dissolved	mg/L	0.004	0.026	0.027	3.8
Alkalinity, Total as CaCO3	mg/L	125	277	269	2.9
Chemical Oxygen Demand	mg/L	50	124	134	7.8
Chloride	mg/L	10	26.6	27.8	4.4
Ethane	ug/l	5.6	46.4	49.2	5.9
Ethene	ug/l	5	158	164	3.7
Methane	ug/l	280	11400	10800	5.4
Sulfate	mg/L	10	9.8 J	7.4 J	27.9
Total organic carbon	mg/L	3	26.8	29.6	9.9
PZ-2103 / PZ-2103D:					
cis-1,2-Dichloroethene	ug/l	5000	16200	13700	16.7
Trichloroethene	ug/l	5000	229000	198000	14.5
Barium, dissolved	mg/L	0.023	0.022 J	0.026	16.7
Calcium, dissolved	mg/L	2.5	441	494	11.3
Iron, dissolved	mg/L	2.5	70.5	76.8	8.6
Iron, total	mg/L	12.5	90.6	73.1	21.4
Magnesium, dissolved	mg/L	12.5	205	217	5.7
Manganese, dissolved	mg/L	0.04	1.8	1.9	5.4
Manganese, total	mg/L	0.2	2.1	2.0	4.9
Nickel, dissolved	mg/L	0.01	0.0096 J	0.0078 J	20.7
Potassium, dissolved	mg/L	7.9	13.2	13.7	3.7
Sodium, dissolved	mg/L	250	7780	8340	6.9
Alkalinity, Total as CaCO3	mg/L	625	5090	4670	8.6
Chemical Oxygen Demand	mg/L	3330	9100	8680	4.7
Chloride	mg/L	1000	833 J	802 J	3.8
Ethane	ug/l	5.6	291	322	10.1
Ethene	ug/l	250	2680	3910	**37.3**
Methane	ug/l	2.8	65.9	73.1	10.4
Sulfate	mg/L	1000	14500	14300	1.4
Sulfide	mg/L	4	1.2 U	2.0 J	--
Total organic carbon	mg/L	150	2130	2070	2.9
PZ-2301 / PZ-2301D:					
Barium, dissolved	mg/L	0.0023	0.014	0.014	0
Iron, total	mg/L	0.25	0.23 J	0.22 J	4.4
Manganese, total	mg/L	0.004	0.002 J	0.0022 J	9.5
Alkalinity, Total as CaCO3	mg/L	25	113	116	2.6
Chemical Oxygen Demand	mg/L	52.6	32.1 J	32.1 J	0
Chloride	mg/L	10	21.4	21.6	0.9

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Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Ethane	ug/l	5.6	6.5	6.5	0
Ethene	ug/l	5	5.7	5.1	11.1
Methane	ug/l	28	882	848	3.9
Sulfate	mg/L	10	24.5	27.5	11.5
Total organic carbon	mg/L	0.5	2.7	2.4	11.8

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
TB-01		VOCs	ug/L	UJ	hs
MW-2111		Chloride Sulfate	mg/L	J+	m
MW-2303		Iron (total and diss)	mg/L	J	dt
MW-82	PZ-2107	Manganese (total and diss)	mg/L	J	dt
MW-82	MW-82D	Alkalinity Methane	mg/L ug/L	J	fd
MW-2301	MW-2301D	Vinyl chloride	ug/L	Detects: J Nondetects: UJ	fd
PZ-2103	PZ-2103D	Ethene	mg/L	J	fd

Qualifier	Definition
J	The analyte was positively identified. The associated numerical value is estimated (+/- indicate the direction of bias).
UJ	The analyte was not detected above the detection limit. However, the associated value is approximate and may or may not represent the actual reporting limit necessary to accurately and precisely measure the analyte in the sample.

Reason Codes	Description
dt	Dissolved greater than total by more than 20% (metals)
fd	Field duplicate
hs	Headspace
m	Matrix spike

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

February 07, 2023

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

RE: Project: 60682984 KEP
Pace Project No.: 40257568

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on January 26, 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
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Keith Nielsen, AECOM

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: 60682984 KEP
Pace Project No.: 40257568

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

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SAMPLE SUMMARY

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40257568001	MW-2105	Water	01/23/23 11:00	01/26/23 08:00
40257568002	PZ-2105	Water	01/23/23 11:40	01/26/23 08:00
40257568003	PZ-2301	Water	01/23/23 10:20	01/26/23 08:00
40257568004	PZ-2301D	Water	01/23/23 10:20	01/26/23 08:00
40257568005	MW-2104	Water	01/23/23 12:40	01/26/23 08:00
40257568006	MW-2106	Water	01/23/23 13:50	01/26/23 08:00
40257568007	MW-2301	Water	01/23/23 11:45	01/26/23 08:00
40257568008	MW-2301D	Water	01/23/23 11:45	01/26/23 08:00
40257568009	PZ-2302	Water	01/23/23 13:50	01/26/23 08:00
40257568010	MW-2302	Water	01/23/23 14:20	01/26/23 08:00
40257568011	PZ-2303	Water	01/23/23 15:00	01/26/23 08:00
40257568012	MW-2108	Water	01/23/23 16:15	01/26/23 08:00
40257568013	MW-2303	Water	01/23/23 15:50	01/26/23 08:00
40257568014	MW-2203	Water	01/24/23 07:40	01/26/23 08:00
40257568015	PZ-2203	Water	01/24/23 08:05	01/26/23 08:00
40257568016	MW-2202	Water	01/24/23 08:50	01/26/23 08:00
40257568017	MW-2110	Water	01/24/23 09:10	01/26/23 08:00
40257568018	PZ-2202	Water	01/24/23 09:30	01/26/23 08:00
40257568019	MW-2114	Water	01/24/23 09:40	01/26/23 08:00
40257568020	PZ-2114	Water	01/24/23 10:45	01/26/23 08:00
40257568021	PZ-2110	Water	01/24/23 10:10	01/26/23 08:00
40257568022	MW-2201	Water	01/24/23 10:20	01/26/23 08:00
40257568023	MW-2201D	Water	01/24/23 10:20	01/26/23 08:00
40257568024	MW-31	Water	01/24/23 11:20	01/26/23 08:00
40257568025	MW-2109	Water	01/24/23 11:50	01/26/23 08:00
40257568026	PZ-2109	Water	01/24/23 12:20	01/26/23 08:00
40257568027	MW-114	Water	01/24/23 12:25	01/26/23 08:00
40257568028	PZ-118	Water	01/24/23 12:55	01/26/23 08:00
40257568029	MW-113	Water	01/24/23 13:20	01/26/23 08:00
40257568030	PZ-61	Water	01/24/23 13:30	01/26/23 08:00
40257568031	MW-61	Water	01/24/23 14:50	01/26/23 08:00
40257568032	MW-2107	Water	01/24/23 14:40	01/26/23 08:00
40257568033	PZ-2107	Water	01/24/23 15:50	01/26/23 08:00
40257568034	MW-82	Water	01/24/23 14:30	01/26/23 08:00
40257568035	MW-82D	Water	01/24/23 14:30	01/26/23 08:00
40257568036	MW-79	Water	01/25/23 07:20	01/26/23 08:00
40257568037	MW-80	Water	01/25/23 08:00	01/26/23 08:00

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SAMPLE SUMMARY

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40257568038	**MW-81**	Water	01/25/23 08:30	01/26/23 08:00
40257568039	**MW-2101**	Water	01/25/23 09:00	01/26/23 08:00
40257568040	**MW-2102**	Water	01/25/23 09:10	01/26/23 08:00
40257568041	**MW-2111**	Water	01/25/23 10:50	01/26/23 08:00
40257568042	**PZ-2111**	Water	01/25/23 10:30	01/26/23 08:00
40257568043	**PZ-82**	Water	01/25/23 09:30	01/26/23 08:00
40257568044	**MW-108**	Water	01/25/23 10:10	01/26/23 08:00
40257568045	**MW-44**	Water	01/25/23 10:40	01/26/23 08:00
40257568046	**MW-2113**	Water	01/25/23 11:50	01/26/23 08:00
40257568047	**PZ-2113**	Water	01/25/23 11:55	01/26/23 08:00
40257568048	**MW-65**	Water	01/25/23 11:30	01/26/23 08:00
40257568049	**MW-82**	Water	01/25/23 08:50	01/26/23 08:00
40257568050	**MW-82D**	Water	01/25/23 08:50	01/26/23 08:00
40257568051	**MW-2103**	Water	01/25/23 13:10	01/26/23 08:00
40257568052	**MW-2103D**	Water	01/25/23 13:10	01/26/23 08:00
40257568053	**PZ-2103**	Water	01/25/23 13:30	01/26/23 08:00
40257568054	**PZ-2103D**	Water	01/25/23 13:30	01/26/23 08:00
40257568055	**MW-2112**	Water	01/24/23 12:10	01/26/23 08:00
40257568056	**PZ-2112**	Water	01/24/23 13:15	01/26/23 08:00
40257568057	**TB-01**	Water	01/23/23 10:45	01/26/23 08:00
40257568058	**TB-02**	Water	01/25/23 16:00	01/26/23 08:00
40257568059	**PZ-2101**	Water	01/25/23 13:20	01/26/23 08:00

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40257568001	**MW-2105**	EPA 8260	CXJ	63	PASI-G
40257568002	**PZ-2105**	EPA 8260	CXJ	63	PASI-G
40257568003	**PZ-2301**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568004	**PZ-2301D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568005	**MW-2104**	EPA 8260	CXJ	63	PASI-G
40257568006	**MW-2106**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568007	**MW-2301**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568008	**MW-2301D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568009	**PZ-2302**	EPA 8260	CXJ	63	PASI-G
40257568010	**MW-2302**	EPA 8260	CXJ	63	PASI-G
40257568011	**PZ-2303**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568012	**MW-2108**	EPA 8260	CXJ	63	PASI-G
40257568013	**MW-2303**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568014	**MW-2203**	EPA 8260	CXJ	63	PASI-G
40257568015	**PZ-2203**	EPA 8260	CXJ	63	PASI-G
40257568016	**MW-2202**	EPA 8260	CXJ	63	PASI-G
40257568017	**MW-2110**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568018	**PZ-2202**	EPA 8260	EIB	63	PASI-G
40257568019	**MW-2114**	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
40257568020	**PZ-2114**	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
40257568021	**PZ-2110**	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
40257568022	**MW-2201**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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
40257568023	**MW-2201D**	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
40257568024	**MW-31**	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
40257568025	**MW-2109**	EPA 8260	EIB	63	PASI-G
40257568026	**PZ-2109**	EPA 8260	EIB	63	PASI-G
40257568027	**MW-114**	EPA 8260	EIB	63	PASI-G
40257568028	**PZ-118**	EPA 8260	EIB	63	PASI-G
40257568029	**MW-113**	EPA 8260	EIB	63	PASI-G
40257568030	**PZ-61**	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

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568031	**MW-61**	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
40257568032	**MW-2107**	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
40257568033	**PZ-2107**	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
40257568034	**MW-82**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568035	**MW-82D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568036	**MW-79**	EPA 8260	EIB	63	PASI-G
40257568037	**MW-80**	EPA 8260	EIB	63	PASI-G
40257568038	**MW-81**	EPA 8260	EIB	63	PASI-G
40257568039	**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
40257568040	**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
40257568041	**MW-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
40257568042	**PZ-2111**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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
40257568043	**PZ-82**	EPA 8260	EIB	63	PASI-G
40257568044	**MW-108**	EPA 8260	EIB	63	PASI-G
40257568045	**MW-44**	EPA 8260	EIB	63	PASI-G
40257568046	**MW-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, TMK	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568047	**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
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568048	**MW-65**	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, TMK	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568049	**MW-82**	EPA 6020B	KXS	6	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	HMB, TMK	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
40257568050	**MW-82D**	EPA 6020B	KXS	6	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
40257568051	**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, TMK	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568052	**MW-2103D**	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
40257568053	**PZ-2103**	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	TMK	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568054	**PZ-2103D**	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

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SAMPLE ANALYTE COUNT

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	TMK	2	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40257568055	**MW-2112**	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
40257568056	**PZ-2112**	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
40257568057	**TB-01**	EPA 8260	EIB	63	PASI-G
40257568058	**TB-02**	EPA 8260	EIB	63	PASI-G
40257568059	**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

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568001	**MW-2105**					
EPA 8260	cis-1,2-Dichloroethene	21.9	ug/L	1.0	01/27/23 17:07	
EPA 8260	Trichloroethene	3.1	ug/L	1.0	01/27/23 17:07	
EPA 8260	1,2,4-Trimethylbenzene	0.88J	ug/L	1.0	01/27/23 17:07	
40257568002	**PZ-2105**					
EPA 8260	cis-1,2-Dichloroethene	0.97J	ug/L	1.0	01/27/23 17:24	
EPA 8260	Trichloroethene	0.98J	ug/L	1.0	01/27/23 17:24	
40257568003	**PZ-2301**					
EPA 8015B Modified	Ethane	6.5	ug/L	5.6	01/30/23 10:46	
EPA 8015B Modified	Ethene	5.7	ug/L	5.0	01/30/23 10:46	
EPA 8015B Modified	Methane	882	ug/L	28.0	01/30/23 13:28	
EPA 6020B	Iron	0.23J	mg/L	0.25	02/01/23 03:46	
EPA 6020B	Manganese	0.0020J	mg/L	0.0040	02/01/23 03:46	
EPA 6020B	Barium, Dissolved	0.014	mg/L	0.0023	02/03/23 09:41	
EPA 300.0	Chloride	21.4	mg/L	10.0	01/30/23 16:59	
EPA 300.0	Sulfate	24.5	mg/L	10.0	01/30/23 16:59	
EPA 310.2	Alkalinity, Total as CaCO3	113	mg/L	25.0	02/06/23 10:21	
EPA 410.4	Chemical Oxygen Demand	32.1J	mg/L	52.6	02/06/23 08:27	
SM 5310C	Total Organic Carbon	2.7	mg/L	0.50	02/01/23 14:22	
40257568004	**PZ-2301D**					
EPA 8015B Modified	Ethane	6.5	ug/L	5.6	01/30/23 10:53	
EPA 8015B Modified	Ethene	5.1	ug/L	5.0	01/30/23 10:53	
EPA 8015B Modified	Methane	848	ug/L	28.0	01/30/23 13:35	
EPA 6020B	Iron	0.22J	mg/L	0.25	02/01/23 04:16	
EPA 6020B	Manganese	0.0022J	mg/L	0.0040	02/01/23 04:16	
EPA 6020B	Barium, Dissolved	0.014	mg/L	0.0023	02/03/23 10:11	
EPA 300.0	Chloride	21.6	mg/L	10.0	01/30/23 17:43	
EPA 300.0	Sulfate	27.5	mg/L	10.0	01/30/23 17:43	
EPA 310.2	Alkalinity, Total as CaCO3	116	mg/L	25.0	02/06/23 10:22	
EPA 410.4	Chemical Oxygen Demand	32.1J	mg/L	52.6	02/06/23 08:28	
SM 5310C	Total Organic Carbon	2.4	mg/L	0.50	02/01/23 14:36	
40257568005	**MW-2104**					
EPA 8260	cis-1,2-Dichloroethene	2.2	ug/L	1.0	01/27/23 16:15	
EPA 8260	Vinyl chloride	0.64J	ug/L	1.0	01/27/23 16:15	
40257568006	**MW-2106**					
EPA 8015B Modified	Ethane	1.9J	ug/L	5.6	01/30/23 11:00	
EPA 8015B Modified	Ethene	14.3	ug/L	5.0	01/30/23 11:00	
EPA 8015B Modified	Methane	1100	ug/L	28.0	01/30/23 13:42	
EPA 6020B	Iron	5.1	mg/L	0.25	02/01/23 04:30	
EPA 6020B	Manganese	0.24	mg/L	0.0040	02/01/23 04:30	
EPA 6020B	Barium, Dissolved	0.030	mg/L	0.0023	02/03/23 10:25	
EPA 6020B	Iron, Dissolved	4.9	mg/L	0.25	02/07/23 02:57	
EPA 6020B	Manganese, Dissolved	0.25	mg/L	0.0040	02/07/23 02:57	D9
EPA 6020B	Nickel, Dissolved	0.0011	mg/L	0.0010	02/03/23 10:25	
EPA 8260	Vinyl chloride	5.9	ug/L	1.0	01/31/23 17:49	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568006	**MW-2106**					
EPA 300.0	Chloride	23.4	mg/L	20.0	01/30/23 17:58	
EPA 300.0	Sulfate	1570	mg/L	200	01/31/23 13:12	
EPA 310.2	Alkalinity, Total as CaCO3	308	mg/L	50.0	02/06/23 10:23	
EPA 410.4	Chemical Oxygen Demand	32.6J	mg/L	50.0	02/06/23 08:29	
SM 5310C	Total Organic Carbon	9.6	mg/L	3.0	02/01/23 14:51	
40257568007	**MW-2301**					
EPA 8015B Modified	Ethane	46.4	ug/L	5.6	01/30/23 11:07	
EPA 8015B Modified	Ethene	158	ug/L	5.0	01/30/23 11:07	
EPA 8015B Modified	Methane	11400	ug/L	280	01/30/23 13:49	
EPA 6020B	Iron	5.5	mg/L	0.50	02/01/23 04:38	
EPA 6020B	Manganese	0.037	mg/L	0.0081	02/01/23 04:38	
EPA 6020B	Barium, Dissolved	0.058	mg/L	0.0023	02/03/23 10:33	
EPA 6020B	Iron, Dissolved	0.10J	mg/L	0.25	02/07/23 03:05	
EPA 6020B	Manganese, Dissolved	0.026	mg/L	0.0040	02/07/23 03:05	
EPA 8260	cis-1,2-Dichloroethene	0.95J	ug/L	1.0	01/31/23 18:09	
EPA 300.0	Chloride	26.6	mg/L	10.0	01/30/23 18:13	
EPA 300.0	Sulfate	9.8J	mg/L	10.0	01/30/23 18:13	D3
EPA 310.2	Alkalinity, Total as CaCO3	277	mg/L	125	02/06/23 10:24	
EPA 410.4	Chemical Oxygen Demand	124	mg/L	50.0	02/06/23 08:29	
SM 5310C	Total Organic Carbon	26.8	mg/L	1.0	02/01/23 15:06	
40257568008	**MW-2301D**					
EPA 8015B Modified	Ethane	49.2	ug/L	5.6	01/30/23 11:14	
EPA 8015B Modified	Ethene	164	ug/L	5.0	01/30/23 11:14	
EPA 8015B Modified	Methane	10800	ug/L	280	01/30/23 13:56	
EPA 6020B	Iron	5.1	mg/L	0.50	02/01/23 05:00	
EPA 6020B	Manganese	0.036	mg/L	0.0081	02/01/23 05:00	
EPA 6020B	Barium, Dissolved	0.061	mg/L	0.0023	02/03/23 10:40	
EPA 6020B	Manganese, Dissolved	0.027	mg/L	0.0040	02/07/23 03:12	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	01/31/23 18:29	
EPA 8260	Vinyl chloride	1.5	ug/L	1.0	01/31/23 18:29	
EPA 300.0	Chloride	27.8	mg/L	10.0	01/30/23 18:28	
EPA 300.0	Sulfate	7.4J	mg/L	10.0	01/30/23 18:28	D3
EPA 310.2	Alkalinity, Total as CaCO3	269	mg/L	25.0	02/06/23 10:25	
EPA 410.4	Chemical Oxygen Demand	134	mg/L	50.0	02/06/23 08:29	
SM 5310C	Total Organic Carbon	29.6	mg/L	3.0	02/02/23 02:58	
40257568009	**PZ-2302**					
EPA 8260	1,1-Dichloroethane	0.44J	ug/L	1.0	01/27/23 18:16	
40257568010	**MW-2302**					
EPA 8260	1,1-Dichloroethane	3.6	ug/L	1.0	01/27/23 18:33	
EPA 8260	cis-1,2-Dichloroethene	16.4	ug/L	1.0	01/27/23 18:33	
EPA 8260	Methylene Chloride	1.0J	ug/L	5.0	01/27/23 18:33	
EPA 8260	1,1,1-Trichloroethane	2.7	ug/L	1.0	01/27/23 18:33	
EPA 8260	Trichloroethene	6.8	ug/L	1.0	01/27/23 18:33	
EPA 8260	Vinyl chloride	0.54J	ug/L	1.0	01/27/23 18:33	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568011	**PZ-2303**					
EPA 8015B Modified	Ethane	5.4J	ug/L	5.6	01/30/23 11:34	
EPA 8015B Modified	Methane	5140	ug/L	140	01/30/23 14:39	
EPA 6020B	Iron	3.4	mg/L	0.25	02/01/23 05:07	
EPA 6020B	Manganese	0.17	mg/L	0.0040	02/01/23 05:07	
EPA 6020B	Barium, Dissolved	0.26	mg/L	0.0023	02/03/23 10:47	
EPA 6020B	Iron, Dissolved	4.1	mg/L	0.25	02/03/23 10:47	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	02/07/23 03:19	D9
EPA 6020B	Nickel, Dissolved	0.00032J	mg/L	0.0010	02/03/23 10:47	
EPA 8260	Vinyl chloride	0.32J	ug/L	1.0	01/27/23 18:51	
EPA 300.0	Chloride	152	mg/L	20.0	01/30/23 18:43	
EPA 300.0	Sulfate	97.5	mg/L	20.0	01/30/23 18:43	
EPA 310.2	Alkalinity, Total as CaCO3	744	mg/L	125	02/06/23 10:26	
EPA 410.4	Chemical Oxygen Demand	28.4J	mg/L	50.0	02/06/23 08:29	
SM 5310C	Total Organic Carbon	2.2	mg/L	0.50	02/01/23 16:02	
40257568012	**MW-2108**					
EPA 8260	Vinyl chloride	2.0	ug/L	1.0	01/27/23 19:08	
40257568013	**MW-2303**					
EPA 8015B Modified	Ethane	1.7J	ug/L	5.6	01/30/23 11:41	
EPA 8015B Modified	Ethene	11.6	ug/L	5.0	01/30/23 11:41	
EPA 8015B Modified	Methane	433	ug/L	5.6	01/30/23 14:45	
EPA 6020B	Iron	1.3	mg/L	0.25	02/01/23 05:14	
EPA 6020B	Manganese	0.19	mg/L	0.0040	02/01/23 05:14	
EPA 6020B	Barium, Dissolved	0.11	mg/L	0.0023	02/03/23 11:17	
EPA 6020B	Iron, Dissolved	2.6	mg/L	0.25	02/07/23 03:41	CR
EPA 6020B	Manganese, Dissolved	0.20	mg/L	0.0040	02/07/23 03:41	D9
EPA 6020B	Nickel, Dissolved	0.00059J	mg/L	0.0010	02/03/23 11:17	
EPA 8260	1,1-Dichloroethane	0.33J	ug/L	1.0	01/27/23 19:25	
EPA 8260	cis-1,2-Dichloroethene	1.1	ug/L	1.0	01/27/23 19:25	
EPA 8260	Trichloroethene	0.55J	ug/L	1.0	01/27/23 19:25	
EPA 8260	Vinyl chloride	10.2	ug/L	1.0	01/27/23 19:25	
EPA 300.0	Chloride	75.6	mg/L	20.0	01/30/23 18:58	
EPA 300.0	Sulfate	216	mg/L	20.0	01/30/23 18:58	
EPA 310.2	Alkalinity, Total as CaCO3	296	mg/L	50.0	02/06/23 10:27	
EPA 410.4	Chemical Oxygen Demand	39.0J	mg/L	50.0	02/06/23 08:29	
SM 5310C	Total Organic Carbon	2.4	mg/L	0.50	02/01/23 16:19	
40257568016	**MW-2202**					
EPA 8260	Trichloroethene	1.1	ug/L	1.0	01/27/23 20:17	
40257568017	**MW-2110**					
EPA 6020B	Iron	0.87	mg/L	0.25	02/01/23 05:22	
EPA 6020B	Manganese	0.23	mg/L	0.0040	02/01/23 05:22	
EPA 6020B	Barium, Dissolved	0.042	mg/L	0.0023	02/03/23 11:24	
EPA 6020B	Iron, Dissolved	0.36	mg/L	0.25	02/07/23 03:49	
EPA 6020B	Manganese, Dissolved	0.22	mg/L	0.0040	02/07/23 03:49	
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	02/03/23 11:24	
EPA 8260	cis-1,2-Dichloroethene	5.5	ug/L	1.0	01/27/23 16:32	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568017	**MW-2110**					
EPA 8260	Vinyl chloride	5.7	ug/L	1.0	01/27/23 16:32	
EPA 300.0	Chloride	158	mg/L	40.0	01/30/23 19:13	
EPA 300.0	Sulfate	358	mg/L	40.0	01/30/23 19:13	
EPA 310.2	Alkalinity, Total as CaCO3	318	mg/L	25.0	02/06/23 10:28	
EPA 410.4	Chemical Oxygen Demand	43.2J	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	3.0	mg/L	0.50	02/01/23 16:35	
40257568019	**MW-2114**					
EPA 8015B Modified	Ethane	16.2	ug/L	5.6	01/30/23 11:55	
EPA 8015B Modified	Ethene	2.1J	ug/L	5.0	01/30/23 11:55	
EPA 8015B Modified	Methane	5430	ug/L	140	01/30/23 14:52	
EPA 6020B	Iron	2.7	mg/L	0.25	02/01/23 05:29	
EPA 6020B	Manganese	0.16	mg/L	0.0040	02/01/23 05:29	
EPA 6020B	Barium, Dissolved	0.17	mg/L	0.0023	02/03/23 11:31	
EPA 6020B	Iron, Dissolved	2.7	mg/L	0.25	02/07/23 03:56	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	02/07/23 03:56	D9
EPA 6020B	Nickel, Dissolved	0.0056	mg/L	0.0010	02/03/23 11:31	
EPA 8260	cis-1,2-Dichloroethene	4.9	ug/L	1.0	01/27/23 18:12	
EPA 8260	Vinyl chloride	3.9	ug/L	1.0	01/27/23 18:12	
EPA 300.0	Chloride	125	mg/L	20.0	01/30/23 20:12	
EPA 300.0	Sulfate	290	mg/L	20.0	01/30/23 20:12	
EPA 310.2	Alkalinity, Total as CaCO3	527	mg/L	50.0	02/06/23 10:32	
EPA 410.4	Chemical Oxygen Demand	134	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	46.0	mg/L	30.0	02/01/23 16:52	
40257568020	**PZ-2114**					
EPA 6020B	Manganese	0.0076	mg/L	0.0040	02/01/23 05:36	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0023	02/03/23 12:08	
EPA 6020B	Manganese, Dissolved	0.0013J	mg/L	0.0040	02/07/23 04:03	
EPA 6020B	Nickel, Dissolved	0.0035	mg/L	0.0010	02/03/23 12:08	
EPA 8260	Vinyl chloride	0.53J	ug/L	1.0	01/27/23 16:08	
EPA 300.0	Chloride	125	mg/L	20.0	01/30/23 20:27	
EPA 300.0	Sulfate	182	mg/L	20.0	01/30/23 20:27	
EPA 310.2	Alkalinity, Total as CaCO3	216	mg/L	25.0	02/06/23 10:33	
EPA 410.4	Chemical Oxygen Demand	24.2J	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	3.7	mg/L	0.50	02/01/23 17:06	
40257568021	**PZ-2110**					
EPA 6020B	Iron	1.1	mg/L	0.25	02/01/23 05:44	
EPA 6020B	Manganese	0.068	mg/L	0.0040	02/01/23 05:44	
EPA 6020B	Barium, Dissolved	0.057	mg/L	0.0023	02/03/23 12:37	
EPA 6020B	Calcium, Dissolved	144	mg/L	0.25	02/03/23 12:37	
EPA 6020B	Iron, Dissolved	0.52	mg/L	0.25	02/07/23 04:11	
EPA 6020B	Magnesium, Dissolved	88.1	mg/L	0.25	02/03/23 12:37	
EPA 6020B	Manganese, Dissolved	0.065	mg/L	0.0040	02/07/23 04:11	
EPA 6020B	Nickel, Dissolved	0.0012	mg/L	0.0010	02/03/23 12:37	
EPA 6020B	Potassium, Dissolved	4.1	mg/L	0.79	02/03/23 12:37	
EPA 6020B	Sodium, Dissolved	243	mg/L	0.25	02/03/23 12:37	
EPA 300.0	Chloride	613	mg/L	40.0	01/30/23 20:42	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568021	**PZ-2110**					
EPA 300.0	Sulfate	343	mg/L	40.0	01/30/23 20:42	
EPA 310.2	Alkalinity, Total as CaCO3	300	mg/L	25.0	02/06/23 10:36	
EPA 410.4	Chemical Oxygen Demand	30.5J	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	2.4	mg/L	0.50	02/01/23 17:24	
40257568022	**MW-2201**					
EPA 8015B Modified	Ethane	6.2	ug/L	5.6	01/30/23 12:16	
EPA 8015B Modified	Ethene	78.5	ug/L	5.0	01/30/23 12:16	
EPA 8015B Modified	Methane	487	ug/L	14.0	01/30/23 14:59	
EPA 6020B	Iron	7.9	mg/L	0.25	02/01/23 05:51	
EPA 6020B	Manganese	0.071	mg/L	0.0040	02/01/23 05:51	
EPA 6020B	Barium, Dissolved	0.059	mg/L	0.0023	02/03/23 12:44	
EPA 6020B	Iron, Dissolved	9.3	mg/L	0.25	02/07/23 04:18	D9
EPA 6020B	Manganese, Dissolved	0.087	mg/L	0.0040	02/07/23 04:18	CR
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	02/03/23 12:44	
EPA 8260	cis-1,2-Dichloroethene	189	ug/L	5.0	01/27/23 22:20	
EPA 8260	Vinyl chloride	229	ug/L	5.0	01/27/23 22:20	
EPA 300.0	Chloride	77.9	mg/L	20.0	01/30/23 20:56	
EPA 300.0	Sulfate	729	mg/L	100	01/31/23 13:27	
EPA 310.2	Alkalinity, Total as CaCO3	417	mg/L	50.0	02/06/23 10:37	
EPA 410.4	Chemical Oxygen Demand	39.0J	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	3.6	mg/L	0.50	02/01/23 17:43	
40257568023	**MW-2201D**					
EPA 8015B Modified	Ethane	6.8	ug/L	5.6	01/30/23 12:23	
EPA 8015B Modified	Ethene	83.0	ug/L	5.0	01/30/23 12:23	
EPA 8015B Modified	Methane	535	ug/L	14.0	01/30/23 15:06	
EPA 6020B	Iron	7.4	mg/L	0.25	02/01/23 05:58	
EPA 6020B	Manganese	0.071	mg/L	0.0040	02/01/23 05:58	
EPA 6020B	Barium, Dissolved	0.057	mg/L	0.0023	02/03/23 12:52	
EPA 6020B	Iron, Dissolved	9.0	mg/L	0.25	02/07/23 04:25	D9
EPA 6020B	Manganese, Dissolved	0.086	mg/L	0.0040	02/07/23 04:25	D9
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	02/03/23 12:52	
EPA 8260	1,1-Dichloroethane	1.3J	ug/L	2.0	01/27/23 22:41	
EPA 8260	cis-1,2-Dichloroethene	185	ug/L	2.0	01/27/23 22:41	
EPA 8260	Vinyl chloride	215	ug/L	2.0	01/27/23 22:41	
EPA 300.0	Chloride	76.3	mg/L	20.0	01/30/23 21:11	
EPA 300.0	Sulfate	797	mg/L	100	01/31/23 13:42	
EPA 310.2	Alkalinity, Total as CaCO3	412	mg/L	50.0	02/06/23 10:38	
EPA 410.4	Chemical Oxygen Demand	41.1J	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	4.6	mg/L	0.50	02/01/23 18:00	
40257568024	**MW-31**					
EPA 8015B Modified	Ethane	25.6	ug/L	5.6	01/30/23 12:29	
EPA 8015B Modified	Ethene	52.7	ug/L	5.0	01/30/23 12:29	
EPA 8015B Modified	Methane	9430	ug/L	280	01/30/23 15:13	
EPA 6020B	Iron	21.0	mg/L	0.25	02/01/23 06:06	
EPA 6020B	Manganese	0.18	mg/L	0.0040	02/01/23 06:06	
EPA 6020B	Barium, Dissolved	0.47	mg/L	0.0023	02/03/23 12:59	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568024	**MW-31**					
EPA 6020B	Iron, Dissolved	20.8	mg/L	0.25	02/07/23 04:33	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	02/07/23 04:33	
EPA 8260	Vinyl chloride	5.6	ug/L	1.0	01/27/23 18:54	
EPA 300.0	Chloride	112	mg/L	20.0	01/30/23 21:26	
EPA 300.0	Sulfate	9.3J	mg/L	20.0	01/30/23 21:26	D3
EPA 310.2	Alkalinity, Total as CaCO3	757	mg/L	50.0	02/06/23 10:39	
EPA 410.4	Chemical Oxygen Demand	175	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	58.1	mg/L	5.0	02/01/23 18:16	
40257568025	**MW-2109**					
EPA 8260	cis-1,2-Dichloroethene	74.3	ug/L	1.0	01/27/23 21:18	
EPA 8260	trans-1,2-Dichloroethene	0.92J	ug/L	1.0	01/27/23 21:18	
EPA 8260	Vinyl chloride	90.8	ug/L	1.0	01/27/23 21:18	
40257568026	**PZ-2109**					
EPA 8260	cis-1,2-Dichloroethene	1.8	ug/L	1.0	01/27/23 19:14	
EPA 8260	Vinyl chloride	8.9	ug/L	1.0	01/27/23 19:14	
40257568027	**MW-114**					
EPA 8260	Vinyl chloride	2.0	ug/L	1.0	01/27/23 19:35	
40257568028	**PZ-118**					
EPA 8260	cis-1,2-Dichloroethene	2.8	ug/L	1.0	01/27/23 16:29	
40257568030	**PZ-61**					
EPA 8015B Modified	Ethane	18.1	ug/L	5.6	01/30/23 12:36	
EPA 8015B Modified	Methane	11000	ug/L	280	01/30/23 15:20	
EPA 6020B	Iron	115	mg/L	1.2	02/01/23 06:28	
EPA 6020B	Manganese	0.18	mg/L	0.020	02/01/23 06:28	
EPA 6020B	Barium, Dissolved	0.33	mg/L	0.012	02/03/23 13:06	
EPA 6020B	Iron, Dissolved	116	mg/L	1.2	02/07/23 04:40	D9
EPA 6020B	Manganese, Dissolved	0.17	mg/L	0.020	02/07/23 04:40	
EPA 6020B	Nickel, Dissolved	0.014	mg/L	0.0050	02/03/23 13:06	
EPA 8260	cis-1,2-Dichloroethene	1.3	ug/L	1.0	01/27/23 19:56	
EPA 8260	Toluene	1.2	ug/L	1.0	01/27/23 19:56	
EPA 300.0	Chloride	938	mg/L	100	01/31/23 13:56	
EPA 310.2	Alkalinity, Total as CaCO3	883	mg/L	125	02/06/23 10:40	
EPA 410.4	Chemical Oxygen Demand	209	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	38.8	mg/L	15.0	02/01/23 18:51	
40257568031	**MW-61**					
EPA 8015B Modified	Ethane	7.9	ug/L	5.6	01/31/23 09:11	
EPA 8015B Modified	Ethene	82.8	ug/L	5.0	01/31/23 09:11	
EPA 8015B Modified	Methane	1040	ug/L	14.0	01/31/23 12:14	
EPA 6020B	Iron	3.7	mg/L	0.25	02/01/23 06:35	
EPA 6020B	Manganese	0.20	mg/L	0.0040	02/01/23 06:35	
EPA 6020B	Barium, Dissolved	0.081	mg/L	0.0023	02/03/23 13:14	
EPA 6020B	Iron, Dissolved	3.7	mg/L	0.25	02/07/23 04:47	
EPA 6020B	Manganese, Dissolved	0.22	mg/L	0.0040	02/07/23 04:47	D9
EPA 6020B	Nickel, Dissolved	0.00084J	mg/L	0.0010	02/03/23 13:14	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568031	**MW-61**					
EPA 8260	Benzene	4.9	ug/L	2.5	01/30/23 13:01	
EPA 8260	cis-1,2-Dichloroethene	121	ug/L	2.5	01/30/23 13:01	
EPA 8260	Vinyl chloride	246	ug/L	2.5	01/30/23 13:01	
EPA 300.0	Chloride	74.3	mg/L	20.0	01/30/23 21:56	
EPA 300.0	Sulfate	199	mg/L	20.0	01/30/23 21:56	
EPA 310.2	Alkalinity, Total as CaCO3	266	mg/L	25.0	02/06/23 10:41	
EPA 410.4	Chemical Oxygen Demand	51.7	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	12.8	mg/L	3.0	02/01/23 19:37	
40257568032	**MW-2107**					
EPA 8015B Modified	Ethane	16.7	ug/L	5.6	01/31/23 09:18	
EPA 8015B Modified	Ethene	5.6	ug/L	5.0	01/31/23 09:18	
EPA 8015B Modified	Methane	5510	ug/L	140	01/31/23 12:21	
EPA 6020B	Iron	52.0	mg/L	0.25	02/01/23 06:42	
EPA 6020B	Manganese	0.17	mg/L	0.0040	02/01/23 06:42	
EPA 6020B	Barium, Dissolved	0.068	mg/L	0.0023	02/03/23 13:21	
EPA 6020B	Iron, Dissolved	63.7	mg/L	0.25	02/03/23 13:21	CR
EPA 6020B	Manganese, Dissolved	0.20	mg/L	0.0040	02/07/23 05:24	D9
EPA 6020B	Nickel, Dissolved	0.0014	mg/L	0.0010	02/03/23 13:21	
EPA 8260	Benzene	1.4	ug/L	1.0	01/27/23 20:58	
EPA 8260	Chloroethane	5.8	ug/L	5.0	01/27/23 20:58	
EPA 8260	1,1-Dichloroethane	1.4	ug/L	1.0	01/27/23 20:58	
EPA 8260	Toluene	0.30J	ug/L	1.0	01/27/23 20:58	
EPA 8260	Vinyl chloride	0.18J	ug/L	1.0	01/27/23 20:58	
EPA 300.0	Chloride	23.3	mg/L	20.0	01/30/23 22:11	
EPA 300.0	Sulfate	2200	mg/L	200	01/31/23 14:11	
EPA 310.2	Alkalinity, Total as CaCO3	185	mg/L	50.0	02/06/23 10:45	
EPA 410.4	Chemical Oxygen Demand	132	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	33.3	mg/L	7.5	02/01/23 20:23	
40257568033	**PZ-2107**					
EPA 8015B Modified	Ethane	0.53J	ug/L	5.6	01/31/23 12:07	
EPA 8015B Modified	Ethene	3.0J	ug/L	5.0	01/31/23 12:07	
EPA 8015B Modified	Methane	15.1	ug/L	2.8	01/31/23 12:07	
EPA 6020B	Iron	0.43	mg/L	0.25	02/01/23 06:50	
EPA 6020B	Manganese	0.048	mg/L	0.0040	02/01/23 06:50	
EPA 6020B	Barium, Dissolved	0.050	mg/L	0.0023	02/03/23 13:28	
EPA 6020B	Iron, Dissolved	0.49	mg/L	0.25	02/07/23 05:31	D9
EPA 6020B	Manganese, Dissolved	0.079	mg/L	0.0040	02/07/23 05:31	CR
EPA 6020B	Nickel, Dissolved	0.0050	mg/L	0.0010	02/03/23 13:28	
EPA 8260	cis-1,2-Dichloroethene	543	ug/L	10.0	01/27/23 22:00	
EPA 8260	Vinyl chloride	94.7	ug/L	10.0	01/27/23 22:00	
EPA 300.0	Chloride	406	mg/L	20.0	01/30/23 22:26	
EPA 300.0	Sulfate	260	mg/L	20.0	01/30/23 22:26	
EPA 310.2	Alkalinity, Total as CaCO3	323	mg/L	25.0	02/06/23 10:46	
EPA 410.4	Chemical Oxygen Demand	41.1J	mg/L	50.0	02/06/23 08:30	
SM 5310C	Total Organic Carbon	6.4	mg/L	3.0	02/01/23 21:08	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568034	**MW-82**					
EPA 8015B Modified	Ethane	20.8	ug/L	5.6	01/31/23 09:32	
EPA 8015B Modified	Ethene	4.6J	ug/L	5.0	01/31/23 09:32	
EPA 8015B Modified	Methane	5360	ug/L	140	01/31/23 12:28	
EPA 6020B	Iron	4.2	mg/L	0.50	02/07/23 06:08	
EPA 6020B	Manganese	0.11	mg/L	0.0081	02/07/23 06:08	
EPA 410.4	Chemical Oxygen Demand	232	mg/L	200	02/06/23 08:33	
SM 5310C	Total Organic Carbon	1.3	mg/L	0.50	02/01/23 21:44	
40257568035	**MW-82D**					
EPA 8015B Modified	Ethane	24.5	ug/L	5.6	01/31/23 09:38	
EPA 8015B Modified	Ethene	5.4	ug/L	5.0	01/31/23 09:38	
EPA 8015B Modified	Methane	7750	ug/L	140	01/31/23 12:35	
EPA 6020B	Iron	4.6	mg/L	0.50	02/07/23 06:52	
EPA 6020B	Manganese	0.12	mg/L	0.0081	02/07/23 06:52	
EPA 410.4	Chemical Oxygen Demand	623	mg/L	500	02/06/23 08:33	
SM 5310C	Total Organic Carbon	1.2	mg/L	0.50	02/01/23 22:02	
40257568039	**MW-2101**					
EPA 8015B Modified	Ethane	93.6	ug/L	5.6	01/31/23 09:45	
EPA 8015B Modified	Ethene	364	ug/L	5.0	01/31/23 09:45	
EPA 8015B Modified	Methane	7980	ug/L	280	01/31/23 12:42	
EPA 6020B	Iron	22.8	mg/L	0.25	02/01/23 07:41	
EPA 6020B	Manganese	0.024	mg/L	0.0040	02/01/23 07:41	
EPA 6020B	Barium, Dissolved	0.076	mg/L	0.0023	02/03/23 13:36	
EPA 6020B	Iron, Dissolved	21.6	mg/L	0.25	02/07/23 05:39	
EPA 6020B	Manganese, Dissolved	0.026	mg/L	0.0040	02/07/23 05:39	D9
EPA 8260	Benzene	0.73J	ug/L	1.0	01/27/23 15:53	
EPA 8260	Toluene	0.38J	ug/L	1.0	01/27/23 15:53	
EPA 300.0	Chloride	58.1	mg/L	20.0	01/30/23 23:25	
EPA 310.2	Alkalinity, Total as CaCO3	493	mg/L	50.0	02/06/23 10:47	
EPA 410.4	Chemical Oxygen Demand	781	mg/L	50.0	02/06/23 08:33	
SM 5310C	Total Organic Carbon	286	mg/L	15.0	02/01/23 22:20	
40257568040	**MW-2102**					
EPA 8015B Modified	Ethene	13.1	ug/L	5.0	01/31/23 09:52	
EPA 8015B Modified	Methane	6720	ug/L	140	01/31/23 12:49	
EPA 6020B	Iron	7.3	mg/L	0.25	02/01/23 07:49	
EPA 6020B	Manganese	0.63	mg/L	0.0040	02/01/23 07:49	
EPA 6020B	Barium, Dissolved	0.027	mg/L	0.0023	02/03/23 14:32	
EPA 6020B	Iron, Dissolved	6.8	mg/L	0.25	02/07/23 05:46	
EPA 6020B	Manganese, Dissolved	0.71	mg/L	0.0040	02/07/23 05:46	D9
EPA 6020B	Nickel, Dissolved	0.0021	mg/L	0.0010	02/03/23 14:32	
EPA 8260	1,1-Dichloroethane	0.30J	ug/L	1.0	01/30/23 12:38	
EPA 8260	cis-1,2-Dichloroethene	10.9	ug/L	1.0	01/30/23 12:38	
EPA 8260	Vinyl chloride	11.8	ug/L	1.0	01/30/23 12:38	
SM 4500-S F (2000)	Sulfide	1.4J	mg/L	4.0	01/30/23 12:55	
EPA 300.0	Chloride	83.1	mg/L	20.0	01/30/23 23:40	
EPA 300.0	Sulfate	690	mg/L	100	01/31/23 14:56	
EPA 310.2	Alkalinity, Total as CaCO3	812	mg/L	125	02/06/23 10:48	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568040	**MW-2102**					
EPA 410.4	Chemical Oxygen Demand	560	mg/L	50.0	02/06/23 08:33	
SM 5310C	Total Organic Carbon	211	mg/L	30.0	02/01/23 22:34	
40257568041	**MW-2111**					
EPA 8015B Modified	Ethane	526	ug/L	5.6	01/31/23 09:59	
EPA 8015B Modified	Ethene	523	ug/L	50.0	01/31/23 12:55	
EPA 8015B Modified	Methane	981	ug/L	28.0	01/31/23 12:55	
EPA 6020B	Iron	423	mg/L	1.2	02/07/23 07:07	
EPA 6020B	Manganese	0.60	mg/L	0.020	02/07/23 07:07	
EPA 6020B	Barium, Dissolved	0.070	mg/L	0.012	02/03/23 03:10	
EPA 6020B	Iron, Dissolved	406	mg/L	1.2	02/03/23 03:10	
EPA 6020B	Manganese, Dissolved	0.56	mg/L	0.020	02/03/23 03:10	
EPA 8260	Benzene	1.6J	ug/L	5.0	01/27/23 19:47	
EPA 8260	cis-1,2-Dichloroethene	2070	ug/L	25.0	01/30/23 13:37	
EPA 8260	trans-1,2-Dichloroethene	2.7J	ug/L	5.0	01/27/23 19:47	
EPA 8260	Vinyl chloride	411	ug/L	5.0	01/27/23 19:47	
SM 4500-S F (2000)	Sulfide	2.8J	mg/L	4.0	01/30/23 12:56	
EPA 300.0	Chloride	150	mg/L	20.0	01/31/23 13:25	M0
EPA 300.0	Sulfate	20.3	mg/L	20.0	01/31/23 13:25	M0
EPA 310.2	Alkalinity, Total as CaCO3	1360	mg/L	125	02/06/23 10:53	
EPA 410.4	Chemical Oxygen Demand	1870	mg/L	500	02/06/23 08:33	
SM 5310C	Total Organic Carbon	979	mg/L	150	02/01/23 22:48	
40257568042	**PZ-2111**					
EPA 8015B Modified	Ethane	41.0	ug/L	5.6	01/31/23 10:06	pH
EPA 8015B Modified	Ethene	61.2	ug/L	5.0	01/31/23 10:06	pH
EPA 8015B Modified	Methane	8240	ug/L	280	01/31/23 13:02	pH
EPA 6020B	Iron	149	mg/L	1.2	02/07/23 07:14	
EPA 6020B	Manganese	0.92	mg/L	0.020	02/07/23 07:14	
EPA 6020B	Barium, Dissolved	2.5	mg/L	0.0023	02/03/23 15:01	
EPA 6020B	Iron, Dissolved	143	mg/L	0.25	02/03/23 03:24	
EPA 6020B	Manganese, Dissolved	0.94	mg/L	0.0040	02/03/23 03:24	D9
EPA 8260	Benzene	0.47J	ug/L	1.0	01/30/23 12:58	
EPA 8260	cis-1,2-Dichloroethene	12.6	ug/L	1.0	01/30/23 12:58	
EPA 8260	Vinyl chloride	1.8	ug/L	1.0	01/30/23 12:58	
EPA 300.0	Chloride	81.3	mg/L	20.0	01/31/23 14:04	
EPA 310.2	Alkalinity, Total as CaCO3	3850	mg/L	250	02/06/23 10:54	
EPA 410.4	Chemical Oxygen Demand	1750	mg/L	500	02/06/23 08:34	
SM 5310C	Total Organic Carbon	2870	mg/L	150	02/01/23 23:02	
40257568046	**MW-2113**					
EPA 8015B Modified	Ethane	1.9J	ug/L	5.6	01/31/23 10:13	
EPA 8015B Modified	Ethene	154	ug/L	5.0	01/31/23 10:13	
EPA 8015B Modified	Methane	1080	ug/L	28.0	01/31/23 13:09	
EPA 6020B	Iron	2.7	mg/L	2.5	02/07/23 07:22	
EPA 6020B	Manganese	0.075	mg/L	0.040	02/07/23 07:22	
EPA 6020B	Barium, Dissolved	0.097	mg/L	0.0023	02/03/23 03:32	
EPA 6020B	Iron, Dissolved	2.2	mg/L	0.25	02/03/23 03:32	
EPA 6020B	Lead, Dissolved	0.00025J	mg/L	0.0010	02/03/23 03:32	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568046	**MW-2113**					
EPA 6020B	Manganese, Dissolved	0.079	mg/L	0.0040	02/03/23 03:32	D9
EPA 6020B	Nickel, Dissolved	0.018	mg/L	0.0010	02/03/23 03:32	
EPA 8260	cis-1,2-Dichloroethene	376	ug/L	25.0	01/30/23 11:40	
EPA 8260	trans-1,2-Dichloroethene	31.9	ug/L	25.0	01/30/23 11:40	
EPA 8260	Vinyl chloride	1710	ug/L	25.0	01/30/23 11:40	
EPA 300.0	Chloride	100	mg/L	20.0	01/31/23 14:17	
EPA 300.0	Sulfate	749	mg/L	100	02/02/23 02:44	
EPA 310.2	Alkalinity, Total as CaCO3	553	mg/L	125	02/06/23 10:58	
EPA 410.4	Chemical Oxygen Demand	194	mg/L	50.0	02/06/23 08:34	
SM 5310C	Total Organic Carbon	45.4	mg/L	15.0	02/01/23 23:16	
40257568047	**PZ-2113**					
EPA 8015B Modified	Ethane	309	ug/L	5.6	01/31/23 10:55	
EPA 8015B Modified	Ethene	1290	ug/L	250	01/31/23 13:32	
EPA 8015B Modified	Methane	3900	ug/L	140	01/31/23 13:32	
EPA 6020B	Iron	86.6	mg/L	5.0	02/07/23 07:29	
EPA 6020B	Manganese	0.37	mg/L	0.081	02/07/23 07:29	
EPA 6020B	Barium, Dissolved	1.1	mg/L	0.0023	02/03/23 15:08	
EPA 6020B	Iron, Dissolved	94.0	mg/L	0.25	02/03/23 03:39	D9
EPA 6020B	Manganese, Dissolved	0.39	mg/L	0.0040	02/03/23 03:39	D9
EPA 8260	Benzene	1.1	ug/L	1.0	01/30/23 13:17	
EPA 8260	cis-1,2-Dichloroethene	7.8	ug/L	1.0	01/30/23 13:17	
EPA 8260	trans-1,2-Dichloroethene	7.1	ug/L	1.0	01/30/23 13:17	
EPA 8260	Toluene	0.34J	ug/L	1.0	01/30/23 13:17	
EPA 8260	Trichloroethene	0.40J	ug/L	1.0	01/30/23 13:17	
EPA 8260	Vinyl chloride	47.0	ug/L	1.0	01/30/23 13:17	
EPA 300.0	Chloride	351	mg/L	20.0	01/31/23 15:08	
EPA 310.2	Alkalinity, Total as CaCO3	1600	mg/L	125	02/06/23 11:00	
EPA 410.4	Chemical Oxygen Demand	1940	mg/L	500	02/06/23 08:34	
SM 5310C	Total Organic Carbon	1090	mg/L	50.0	02/01/23 23:31	
40257568048	**MW-65**					
EPA 8015B Modified	Ethane	2.2J	ug/L	5.6	01/31/23 11:02	
EPA 8015B Modified	Ethene	481	ug/L	5.0	01/31/23 11:02	
EPA 8015B Modified	Methane	1830	ug/L	56.0	01/31/23 13:39	
EPA 6020B	Iron	17.9	mg/L	2.5	02/07/23 07:37	
EPA 6020B	Manganese	0.18	mg/L	0.040	02/07/23 07:37	
EPA 6020B	Barium, Dissolved	0.99	mg/L	0.0023	02/03/23 15:31	
EPA 6020B	Iron, Dissolved	15.4	mg/L	0.25	02/03/23 03:46	
EPA 6020B	Manganese, Dissolved	0.19	mg/L	0.0040	02/03/23 03:46	D9
EPA 8260	cis-1,2-Dichloroethene	3500	ug/L	50.0	01/27/23 17:50	
EPA 8260	trans-1,2-Dichloroethene	29.3J	ug/L	50.0	01/27/23 17:50	
EPA 8260	Vinyl chloride	6370	ug/L	50.0	01/27/23 17:50	
EPA 300.0	Chloride	1170	mg/L	100	02/02/23 23:24	
EPA 300.0	Sulfate	19.0J	mg/L	20.0	01/31/23 15:21	D3
EPA 310.2	Alkalinity, Total as CaCO3	574	mg/L	50.0	02/06/23 11:01	
EPA 410.4	Chemical Oxygen Demand	77.1	mg/L	50.0	02/06/23 08:34	
SM 5310C	Total Organic Carbon	1.6	mg/L	0.50	02/01/23 23:49	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568049	**MW-82**					
EPA 6020B	Barium, Dissolved	0.064	mg/L	0.0023	02/03/23 04:23	
EPA 6020B	Iron, Dissolved	0.18J	mg/L	0.25	02/03/23 04:23	
EPA 6020B	Manganese, Dissolved	0.14	mg/L	0.0040	02/03/23 04:23	
EPA 6020B	Nickel, Dissolved	0.00080J	mg/L	0.0010	02/03/23 04:23	
EPA 300.0	Chloride	629	mg/L	100	02/02/23 23:37	
EPA 300.0	Sulfate	29.5	mg/L	20.0	01/31/23 15:34	
EPA 310.2	Alkalinity, Total as CaCO3	405	mg/L	125	02/06/23 11:02	
40257568050	**MW-82D**					
EPA 6020B	Barium, Dissolved	0.072	mg/L	0.0023	02/03/23 04:30	
EPA 6020B	Iron, Dissolved	0.15J	mg/L	0.25	02/03/23 04:30	
EPA 6020B	Manganese, Dissolved	0.15	mg/L	0.0040	02/03/23 04:30	
EPA 6020B	Nickel, Dissolved	0.00081J	mg/L	0.0010	02/03/23 04:30	
EPA 300.0	Chloride	541	mg/L	20.0	01/31/23 15:47	
EPA 300.0	Sulfate	26.9	mg/L	20.0	01/31/23 15:47	
EPA 310.2	Alkalinity, Total as CaCO3	258	mg/L	25.0	02/06/23 11:03	
40257568051	**MW-2103**					
EPA 8015B Modified	Ethane	6.4	ug/L	5.6	01/31/23 11:09	
EPA 8015B Modified	Ethene	553	ug/L	125	01/31/23 13:46	
EPA 8015B Modified	Methane	2230	ug/L	70.0	01/31/23 13:46	
EPA 6020B	Iron	8.5	mg/L	2.5	02/07/23 08:06	
EPA 6020B	Manganese	0.47	mg/L	0.040	02/07/23 08:06	
EPA 6020B	Barium, Dissolved	0.099	mg/L	0.0023	02/03/23 04:38	
EPA 6020B	Iron, Dissolved	6.0	mg/L	0.25	02/03/23 04:38	
EPA 6020B	Manganese, Dissolved	0.45	mg/L	0.0040	02/03/23 04:38	
EPA 6020B	Nickel, Dissolved	0.0027	mg/L	0.0010	02/03/23 04:38	
EPA 8260	cis-1,2-Dichloroethene	745	ug/L	10.0	01/30/23 11:59	
EPA 8260	trans-1,2-Dichloroethene	11.1	ug/L	10.0	01/30/23 11:59	
EPA 8260	Trichloroethene	10J	ug/L	10.0	01/30/23 11:59	
EPA 8260	Vinyl chloride	1230	ug/L	10.0	01/30/23 11:59	
EPA 300.0	Chloride	204	mg/L	20.0	01/31/23 16:00	
EPA 300.0	Sulfate	1100	mg/L	100	02/02/23 23:50	
EPA 310.2	Alkalinity, Total as CaCO3	468	mg/L	125	02/06/23 11:04	
EPA 410.4	Chemical Oxygen Demand	81.4	mg/L	50.0	02/06/23 08:34	
SM 5310C	Total Organic Carbon	13.9	mg/L	3.0	02/02/23 03:15	
40257568052	**MW-2103D**					
EPA 8015B Modified	Ethane	6.9	ug/L	5.6	01/31/23 11:16	
EPA 8015B Modified	Ethene	540	ug/L	125	01/31/23 13:52	
EPA 8015B Modified	Methane	2170	ug/L	70.0	01/31/23 13:52	
EPA 6020B	Iron	8.6	mg/L	2.5	02/07/23 08:13	
EPA 6020B	Manganese	0.47	mg/L	0.040	02/07/23 08:13	
EPA 6020B	Barium, Dissolved	0.10	mg/L	0.0023	02/03/23 04:45	
EPA 6020B	Iron, Dissolved	6.1	mg/L	0.25	02/03/23 04:45	
EPA 6020B	Manganese, Dissolved	0.46	mg/L	0.0040	02/03/23 04:45	
EPA 6020B	Nickel, Dissolved	0.0025	mg/L	0.0010	02/03/23 04:45	
EPA 8260	cis-1,2-Dichloroethene	632	ug/L	25.0	01/27/23 18:48	
EPA 8260	trans-1,2-Dichloroethene	13.6J	ug/L	25.0	01/27/23 18:48	

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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568052	**MW-2103D**					
EPA 8260	Trichloroethene	8.1J	ug/L	25.0	01/27/23 18:48	
EPA 8260	Vinyl chloride	1030	ug/L	25.0	01/27/23 18:48	
EPA 300.0	Chloride	205	mg/L	20.0	01/31/23 16:12	
EPA 300.0	Sulfate	1060	mg/L	100	02/06/23 12:33	
EPA 310.2	Alkalinity, Total as CaCO3	454	mg/L	125	02/06/23 11:05	
EPA 410.4	Chemical Oxygen Demand	75.0	mg/L	50.0	02/06/23 08:34	
SM 5310C	Total Organic Carbon	14.4	mg/L	5.0	02/02/23 00:41	
40257568053	**PZ-2103**					
EPA 8015B Modified	Ethane	291	ug/L	5.6	01/31/23 11:23	pH
EPA 8015B Modified	Ethene	2680	ug/L	250	01/31/23 13:59	pH
EPA 8015B Modified	Methane	65.9	ug/L	2.8	01/31/23 11:23	pH
EPA 6020B	Iron	90.6	mg/L	12.5	02/07/23 08:21	
EPA 6020B	Manganese	2.1	mg/L	0.20	02/07/23 08:21	
EPA 6020B	Barium, Dissolved	0.022J	mg/L	0.023	02/02/23 13:07	D3
EPA 6020B	Calcium, Dissolved	441	mg/L	2.5	02/02/23 13:07	P6
EPA 6020B	Iron, Dissolved	70.5	mg/L	2.5	02/02/23 13:07	
EPA 6020B	Magnesium, Dissolved	205	mg/L	12.5	02/02/23 15:27	P6
EPA 6020B	Manganese, Dissolved	1.8	mg/L	0.040	02/02/23 13:07	
EPA 6020B	Nickel, Dissolved	0.0096J	mg/L	0.010	02/02/23 13:07	D3
EPA 6020B	Potassium, Dissolved	13.2	mg/L	7.9	02/02/23 13:07	
EPA 6020B	Sodium, Dissolved	7780	mg/L	250	02/02/23 14:43	P6
EPA 8260	cis-1,2-Dichloroethene	16200	ug/L	5000	01/30/23 11:01	
EPA 8260	Trichloroethene	229000	ug/L	5000	01/30/23 11:01	
EPA 300.0	Chloride	833J	mg/L	1000	02/03/23 00:03	D3
EPA 300.0	Sulfate	14500	mg/L	1000	02/03/23 00:03	
EPA 310.2	Alkalinity, Total as CaCO3	5090	mg/L	625	02/06/23 11:28	
EPA 410.4	Chemical Oxygen Demand	9100	mg/L	3330	02/06/23 08:34	
SM 5310C	Total Organic Carbon	2130	mg/L	150	02/02/23 00:55	
40257568054	**PZ-2103D**					
EPA 8015B Modified	Ethane	322	ug/L	5.6	01/31/23 11:30	pH
EPA 8015B Modified	Ethene	3910	ug/L	250	01/31/23 14:06	pH
EPA 8015B Modified	Methane	73.1	ug/L	2.8	01/31/23 11:30	pH
EPA 6020B	Iron	73.1	mg/L	5.0	02/07/23 08:28	
EPA 6020B	Manganese	2.0	mg/L	0.081	02/07/23 08:28	
EPA 6020B	Barium, Dissolved	0.026	mg/L	0.023	02/03/23 04:53	
EPA 6020B	Calcium, Dissolved	494	mg/L	2.5	02/03/23 04:53	
EPA 6020B	Iron, Dissolved	76.8	mg/L	2.5	02/03/23 04:53	D9
EPA 6020B	Magnesium, Dissolved	217	mg/L	2.5	02/03/23 04:53	
EPA 6020B	Manganese, Dissolved	1.9	mg/L	0.040	02/03/23 04:53	
EPA 6020B	Nickel, Dissolved	0.0078J	mg/L	0.010	02/03/23 04:53	D3
EPA 6020B	Potassium, Dissolved	13.7	mg/L	7.9	02/03/23 04:53	
EPA 6020B	Sodium, Dissolved	8340	mg/L	25.0	02/03/23 14:54	
EPA 8260	cis-1,2-Dichloroethene	13700	ug/L	5000	01/30/23 11:20	
EPA 8260	Trichloroethene	198000	ug/L	5000	01/30/23 11:20	
SM 4500-S F (2000)	Sulfide	2.0J	mg/L	4.0	01/30/23 13:16	
EPA 300.0	Chloride	802J	mg/L	1000	02/03/23 00:16	D3

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568054	**PZ-2103D**					
EPA 300.0	Sulfate	14300	mg/L	1000	02/03/23 00:16	
EPA 310.2	Alkalinity, Total as CaCO3	4670	mg/L	250	02/06/23 11:12	
EPA 410.4	Chemical Oxygen Demand	8680	mg/L	3330	02/06/23 08:34	
SM 5310C	Total Organic Carbon	2070	mg/L	150	02/02/23 01:11	
40257568055	**MW-2112**					
EPA 8015B Modified	Ethane	2.1J	ug/L	5.6	01/31/23 11:37	
EPA 8015B Modified	Ethene	49.1	ug/L	5.0	01/31/23 11:37	
EPA 8015B Modified	Methane	1030	ug/L	28.0	01/31/23 14:13	
EPA 6020B	Iron	3.5	mg/L	0.25	02/07/23 08:36	
EPA 6020B	Manganese	0.31	mg/L	0.0040	02/07/23 08:36	
EPA 6020B	Barium, Dissolved	0.070	mg/L	0.0023	02/03/23 05:00	
EPA 6020B	Iron, Dissolved	3.0	mg/L	0.25	02/03/23 05:00	
EPA 6020B	Manganese, Dissolved	0.29	mg/L	0.0040	02/03/23 05:00	
EPA 6020B	Nickel, Dissolved	0.0019	mg/L	0.0010	02/03/23 05:00	
EPA 8260	cis-1,2-Dichloroethene	516	ug/L	10.0	01/27/23 19:08	
EPA 8260	trans-1,2-Dichloroethene	14.4	ug/L	10.0	01/27/23 19:08	
EPA 8260	Vinyl chloride	332	ug/L	10.0	01/27/23 19:08	
SM 4500-S F (2000)	Sulfide	1.6J	mg/L	4.0	01/30/23 13:18	
EPA 300.0	Chloride	70.6	mg/L	20.0	01/31/23 16:51	
EPA 300.0	Sulfate	377	mg/L	20.0	01/31/23 16:51	
EPA 310.2	Alkalinity, Total as CaCO3	321	mg/L	25.0	02/06/23 11:13	
EPA 410.4	Chemical Oxygen Demand	49.6J	mg/L	50.0	02/06/23 08:35	
SM 5310C	Total Organic Carbon	11.4	mg/L	3.0	02/02/23 03:29	
40257568056	**PZ-2112**					
EPA 8015B Modified	Ethene	1.3J	ug/L	5.0	01/31/23 11:44	
EPA 8015B Modified	Methane	2560	ug/L	112	01/31/23 14:20	
EPA 6020B	Iron	1.8	mg/L	0.25	02/07/23 08:43	
EPA 6020B	Manganese	0.074	mg/L	0.0040	02/07/23 08:43	
EPA 6020B	Barium, Dissolved	0.28	mg/L	0.0023	02/03/23 05:07	
EPA 6020B	Iron, Dissolved	1.4	mg/L	0.25	02/03/23 05:07	
EPA 6020B	Manganese, Dissolved	0.072	mg/L	0.0040	02/03/23 05:07	
EPA 300.0	Chloride	211	mg/L	20.0	01/31/23 17:04	
EPA 300.0	Sulfate	64.7	mg/L	20.0	01/31/23 17:04	
EPA 310.2	Alkalinity, Total as CaCO3	524	mg/L	50.0	02/06/23 11:14	
EPA 410.4	Chemical Oxygen Demand	19.9J	mg/L	50.0	02/06/23 08:35	
SM 5310C	Total Organic Carbon	3.2	mg/L	0.50	02/02/23 01:40	
40257568059	**PZ-2101**					
EPA 8015B Modified	Ethane	3690	ug/L	1120	01/31/23 14:27	pH
EPA 8015B Modified	Ethene	20700	ug/L	1000	01/31/23 14:27	pH
EPA 8015B Modified	Methane	1730	ug/L	560	01/31/23 14:27	pH
EPA 6020B	Iron	615	mg/L	2.5	02/07/23 08:50	
EPA 6020B	Manganese	1.9	mg/L	0.040	02/07/23 08:50	
EPA 6020B	Barium, Dissolved	2.3	mg/L	0.023	02/03/23 05:15	
EPA 6020B	Calcium, Dissolved	1290	mg/L	2.5	02/03/23 05:15	
EPA 6020B	Iron, Dissolved	584	mg/L	2.5	02/03/23 05:15	
EPA 6020B	Magnesium, Dissolved	205	mg/L	2.5	02/03/23 05:15	

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SUMMARY OF DETECTION

Project: 60682984 KEP
Pace Project No.: 40257568

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40257568059	**PZ-2101**					
EPA 6020B	Manganese, Dissolved	1.8	mg/L	0.040	02/03/23 05:15	
EPA 6020B	Potassium, Dissolved	8.4	mg/L	7.9	02/03/23 05:15	
EPA 6020B	Sodium, Dissolved	613	mg/L	2.5	02/03/23 05:15	
EPA 8260	cis-1,2-Dichloroethene	52900	ug/L	1000	01/27/23 17:30	
EPA 8260	Trichloroethene	85100	ug/L	1000	01/27/23 17:30	
EPA 8260	Vinyl chloride	21200	ug/L	1000	01/27/23 17:30	
EPA 300.0	Chloride	901	mg/L	40.0	01/31/23 17:55	
EPA 310.2	Alkalinity, Total as CaCO3	4600	mg/L	250	02/06/23 11:15	
EPA 410.4	Chemical Oxygen Demand	11600	mg/L	1000	02/06/23 08:35	
SM 5310C	Total Organic Carbon	3640	mg/L	150	02/02/23 01:58	

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2105 **Lab ID: 40257568001** Collected: 01/23/23 11:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:07	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:07	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:07	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:07	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:07	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:07	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:07	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:07	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:07	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:07	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:07	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:07	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:07	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:07	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:07	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:07	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:07	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:07	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:07	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:07	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:07	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:07	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:07	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:07	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:07	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:07	75-35-4	
cis-1,2-Dichloroethene	**21.9**	ug/L	1.0	0.47	1		01/27/23 17:07	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:07	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:07	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:07	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:07	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:07	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:07	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:07	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:07	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:07	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:07	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:07	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:07	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:07	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:07	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:07	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:07	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:07	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2105 **Lab ID: 40257568001** Collected: 01/23/23 11:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:07	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:07	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:07	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:07	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:07	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:07	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:07	79-00-5	
Trichloroethene	**3.1**	ug/L	1.0	0.32	1		01/27/23 17:07	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:07	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:07	96-18-4	
1,2,4-Trimethylbenzene	**0.88J**	ug/L	1.0	0.45	1		01/27/23 17:07	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:07	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:07	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:07	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 17:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 17:07	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 17:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2105 **Lab ID: 40257568002** Collected: 01/23/23 11:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:24	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:24	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:24	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:24	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:24	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:24	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:24	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:24	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:24	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:24	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:24	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:24	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:24	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:24	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:24	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:24	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:24	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:24	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:24	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:24	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:24	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:24	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:24	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:24	75-35-4	
cis-1,2-Dichloroethene	**0.97J**	ug/L	1.0	0.47	1		01/27/23 17:24	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:24	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:24	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:24	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:24	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:24	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:24	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:24	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:24	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:24	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:24	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:24	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:24	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:24	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:24	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:24	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2105 **Lab ID: 40257568002** Collected: 01/23/23 11:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:24	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:24	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:24	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:24	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:24	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:24	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:24	79-00-5	
Trichloroethene	**0.98J**	ug/L	1.0	0.32	1		01/27/23 17:24	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:24	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:24	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:24	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 17:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/27/23 17:24	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 17:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2301 **Lab ID: 40257568003** Collected: 01/23/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**6.5**	ug/L	5.6	0.39	1		01/30/23 10:46	74-84-0	
Ethene	**5.7**	ug/L	5.0	0.25	1		01/30/23 10:46	74-85-1	
Methane	**882**	ug/L	28.0	5.8	10		01/30/23 13:28	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.23J**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 03:46	7439-89-6	
Manganese	**0.0020J**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 03:46	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 09:41	7440-47-3	
Iron, Dissolved	**<0.058**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 02:13	7439-89-6	
Manganese, Dissolved	**<0.0012**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 02:13	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 09:41	7440-02-0	
Barium, Dissolved	**0.014**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 09:41	7440-39-3	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 09:41	7439-92-1	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:41	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:41	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:41	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:41	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:41	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:41	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:41	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:41	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:41	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:41	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:41	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:41	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:41	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:41	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:41	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:41	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:41	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:41	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:41	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:41	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:41	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:41	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2301 **Lab ID: 40257568003** Collected: 01/23/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:41	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:41	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 17:41	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:41	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:41	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:41	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:41	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:41	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:41	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:41	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:41	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:41	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:41	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:41	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:41	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:41	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:41	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:41	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:41	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:41	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:41	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:41	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:41	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:41	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:41	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:41	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 17:41	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:41	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:41	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:41	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 17:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/27/23 17:41	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 17:41	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		01/27/23 11:41		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2301 **Lab ID: 40257568003** Collected: 01/23/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**21.4**	mg/L	10.0	2.2	5		01/30/23 16:59	16887-00-6	
Sulfate	**24.5**	mg/L	10.0	2.2	5		01/30/23 16:59	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**113**	mg/L	25.0	7.4	1		02/06/23 10:21		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**32.1J**	mg/L	52.6	15.5	1	02/06/23 06:00	02/06/23 08:27		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.7**	mg/L	0.50	0.14	1		02/01/23 14:22	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2301D **Lab ID: 40257568004** Collected: 01/23/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**6.5**	ug/L	5.6	0.39	1		01/30/23 10:53	74-84-0	
Ethene	**5.1**	ug/L	5.0	0.25	1		01/30/23 10:53	74-85-1	
Methane	**848**	ug/L	28.0	5.8	10		01/30/23 13:35	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.22J**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 04:16	7439-89-6	
Manganese	**0.0022J**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 04:16	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.014**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 10:11	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 10:11	7440-47-3	
Iron, Dissolved	**<0.058**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 02:43	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 10:11	7439-92-1	
Manganese, Dissolved	**<0.0012**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 02:43	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 10:11	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:59	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:59	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:59	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:59	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:59	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:59	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:59	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:59	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:59	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:59	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:59	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:59	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:59	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:59	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:59	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:59	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:59	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:59	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:59	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:59	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:59	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:59	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:59	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:59	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2301D **Lab ID: 40257568004** Collected: 01/23/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:59	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:59	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 17:59	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:59	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:59	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:59	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:59	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:59	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:59	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:59	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:59	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:59	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:59	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:59	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:59	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:59	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:59	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:59	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:59	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:59	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:59	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:59	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:59	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:59	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:59	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:59	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 17:59	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:59	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:59	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:59	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:59	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:59	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 17:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/27/23 17:59	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 17:59	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 12:59		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2301D **Lab ID: 40257568004** Collected: 01/23/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**21.6**	mg/L	10.0	2.2	5		01/30/23 17:43	16887-00-6	
Sulfate	**27.5**	mg/L	10.0	2.2	5		01/30/23 17:43	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**116**	mg/L	25.0	7.4	1		02/06/23 10:22		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**32.1J**	mg/L	52.6	15.5	1	02/06/23 06:00	02/06/23 08:28		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.4**	mg/L	0.50	0.14	1		02/01/23 14:36	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2104 **Lab ID: 40257568005** Collected: 01/23/23 12:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 16:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:15	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 16:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:15	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:15	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 16:15	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 16:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 16:15	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:15	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 16:15	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 16:15	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 16:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 16:15	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 16:15	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:15	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:15	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 16:15	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 16:15	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:15	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:15	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 16:15	75-35-4	
cis-1,2-Dichloroethene	**2.2**	ug/L	1.0	0.47	1		01/27/23 16:15	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 16:15	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:15	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:15	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 16:15	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:15	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:15	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 16:15	10061-02-6	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 16:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:15	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:15	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 16:15	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:15	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:15	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:15	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:15	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2104 **Lab ID: 40257568005** Collected: 01/23/23 12:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 16:15	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:15	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 16:15	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:15	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 16:15	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 16:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:15	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 16:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:15	108-67-8	
Vinyl chloride	**0.64J**	ug/L	1.0	0.17	1		01/27/23 16:15	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 16:15	1330-20-7	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:15	108-20-3	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 16:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 16:15	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 16:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2106 **Lab ID: 40257568006** Collected: 01/23/23 13:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**1.9J**	ug/L	5.6	0.39	1		01/30/23 11:00	74-84-0	
Ethene	**14.3**	ug/L	5.0	0.25	1		01/30/23 11:00	74-85-1	
Methane	**1100**	ug/L	28.0	5.8	10		01/30/23 13:42	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**5.1**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 04:30	7439-89-6	
Manganese	**0.24**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 04:30	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.030**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 10:25	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 10:25	7440-47-3	
Iron, Dissolved	**4.9**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 02:57	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 10:25	7439-92-1	
Manganese, Dissolved	**0.25**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 02:57	7439-96-5	D9
Nickel, Dissolved	**0.0011**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 10:25	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/31/23 17:49	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 17:49	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/31/23 17:49	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/31/23 17:49	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/31/23 17:49	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/31/23 17:49	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/31/23 17:49	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/31/23 17:49	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/31/23 17:49	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/31/23 17:49	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/31/23 17:49	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/31/23 17:49	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/31/23 17:49	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/31/23 17:49	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/31/23 17:49	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/31/23 17:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/31/23 17:49	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/31/23 17:49	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/31/23 17:49	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/31/23 17:49	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/31/23 17:49	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/31/23 17:49	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/31/23 17:49	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/31/23 17:49	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 17:49	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2106 **Lab ID: 40257568006** Collected: 01/23/23 13:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/31/23 17:49	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/31/23 17:49	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/31/23 17:49	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/31/23 17:49	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/31/23 17:49	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 17:49	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/31/23 17:49	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/31/23 17:49	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 17:49	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/31/23 17:49	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/31/23 17:49	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/31/23 17:49	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/31/23 17:49	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/31/23 17:49	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/31/23 17:49	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/31/23 17:49	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/31/23 17:49	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/31/23 17:49	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/31/23 17:49	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 17:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/31/23 17:49	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/31/23 17:49	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/31/23 17:49	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/31/23 17:49	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/31/23 17:49	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/31/23 17:49	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 17:49	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/31/23 17:49	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/31/23 17:49	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/31/23 17:49	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/31/23 17:49	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/31/23 17:49	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 17:49	108-67-8	
Vinyl chloride	**5.9**	ug/L	1.0	0.17	1		01/31/23 17:49	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/31/23 17:49	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/31/23 17:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/31/23 17:49	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/31/23 17:49	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:00		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2106 **Lab ID: 40257568006** Collected: 01/23/23 13:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**23.4**	mg/L	20.0	4.3	10		01/30/23 17:58	16887-00-6	
Sulfate	**1570**	mg/L	200	44.4	100		01/31/23 13:12	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**308**	mg/L	50.0	14.9	2		02/06/23 10:23		
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	02/06/23 06:00	02/06/23 08:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**9.6**	mg/L	3.0	0.83	6		02/01/23 14:51	7440-44-0	

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2301 **Lab ID: 40257568007** Collected: 01/23/23 11:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**46.4**	ug/L	5.6	0.39	1		01/30/23 11:07	74-84-0	
Ethene	**158**	ug/L	5.0	0.25	1		01/30/23 11:07	74-85-1	
Methane	**11400**	ug/L	280	57.6	100		01/30/23 13:49	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**5.5**	mg/L	0.50	0.12	2	01/30/23 05:59	02/01/23 04:38	7439-89-6	
Manganese	**0.037**	mg/L	0.0081	0.0024	2	01/30/23 05:59	02/01/23 04:38	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.058**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 10:33	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 10:33	7440-47-3	
Iron, Dissolved	**0.10J**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 03:05	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 10:33	7439-92-1	
Manganese, Dissolved	**0.026**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 03:05	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 10:33	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:09	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:09	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/31/23 18:09	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/31/23 18:09	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/31/23 18:09	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/31/23 18:09	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/31/23 18:09	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/31/23 18:09	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/31/23 18:09	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/31/23 18:09	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/31/23 18:09	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/31/23 18:09	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/31/23 18:09	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/31/23 18:09	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/31/23 18:09	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/31/23 18:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/31/23 18:09	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/31/23 18:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/31/23 18:09	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/31/23 18:09	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/31/23 18:09	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/31/23 18:09	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/31/23 18:09	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/31/23 18:09	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:09	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2301 **Lab ID: 40257568007** Collected: 01/23/23 11:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/31/23 18:09	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/31/23 18:09	75-35-4	
cis-1,2-Dichloroethene	**0.95J**	ug/L	1.0	0.47	1		01/31/23 18:09	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/31/23 18:09	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/31/23 18:09	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:09	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/31/23 18:09	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/31/23 18:09	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:09	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/31/23 18:09	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/31/23 18:09	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/31/23 18:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/31/23 18:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/31/23 18:09	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/31/23 18:09	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/31/23 18:09	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/31/23 18:09	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/31/23 18:09	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/31/23 18:09	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/31/23 18:09	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/31/23 18:09	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/31/23 18:09	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/31/23 18:09	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/31/23 18:09	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:09	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/31/23 18:09	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/31/23 18:09	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/31/23 18:09	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/31/23 18:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/31/23 18:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:09	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/31/23 18:09	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/31/23 18:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/31/23 18:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/31/23 18:09	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1		01/31/23 18:09	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		01/27/23 13:03		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2301 **Lab ID: 40257568007** Collected: 01/23/23 11:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**26.6**	mg/L	10.0	2.2	5		01/30/23 18:13	16887-00-6	
Sulfate	**9.8J**	mg/L	10.0	2.2	5		01/30/23 18:13	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**277**	mg/L	125	37.2	5		02/06/23 10:24		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**124**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**26.8**	mg/L	1.0	0.28	2		02/01/23 15:06	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2301D **Lab ID: 40257568008** Collected: 01/23/23 11:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**49.2**	ug/L	5.6	0.39	1		01/30/23 11:14	74-84-0	
Ethene	**164**	ug/L	5.0	0.25	1		01/30/23 11:14	74-85-1	
Methane	**10800**	ug/L	280	57.6	100		01/30/23 13:56	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**5.1**	mg/L	0.50	0.12	2	01/30/23 05:59	02/01/23 05:00	7439-89-6	
Manganese	**0.036**	mg/L	0.0081	0.0024	2	01/30/23 05:59	02/01/23 05:00	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.061**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 10:40	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 10:40	7440-47-3	
Iron, Dissolved	**<0.058**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 03:12	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 10:40	7439-92-1	
Manganese, Dissolved	**0.027**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 03:12	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 10:40	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/31/23 18:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/31/23 18:29	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/31/23 18:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/31/23 18:29	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/31/23 18:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/31/23 18:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/31/23 18:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/31/23 18:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/31/23 18:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/31/23 18:29	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/31/23 18:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/31/23 18:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/31/23 18:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/31/23 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/31/23 18:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/31/23 18:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/31/23 18:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/31/23 18:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/31/23 18:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/31/23 18:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/31/23 18:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/31/23 18:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:29	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2301D **Lab ID: 40257568008** Collected: 01/23/23 11:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/31/23 18:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/31/23 18:29	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.47	1		01/31/23 18:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/31/23 18:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/31/23 18:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:29	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/31/23 18:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/31/23 18:29	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:29	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/31/23 18:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/31/23 18:29	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/31/23 18:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/31/23 18:29	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/31/23 18:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/31/23 18:29	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/31/23 18:29	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/31/23 18:29	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/31/23 18:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/31/23 18:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/31/23 18:29	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/31/23 18:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/31/23 18:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/31/23 18:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/31/23 18:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/31/23 18:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/31/23 18:29	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/31/23 18:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/31/23 18:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/31/23 18:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/31/23 18:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/31/23 18:29	108-67-8	
Vinyl chloride	**1.5**	ug/L	1.0	0.17	1		01/31/23 18:29	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/31/23 18:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/31/23 18:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/31/23 18:29	2199-69-1	
Toluene-d8 (S)	108	%	70-130		1		01/31/23 18:29	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:04		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2301D **Lab ID: 40257568008** Collected: 01/23/23 11:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**27.8**	mg/L	10.0	2.2	5		01/30/23 18:28	16887-00-6	
Sulfate	**7.4J**	mg/L	10.0	2.2	5		01/30/23 18:28	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**269**	mg/L	25.0	7.4	1		02/06/23 10:25		
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	02/06/23 06:00	02/06/23 08:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**29.6**	mg/L	3.0	0.83	6		02/02/23 02:58	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2302 **Lab ID: 40257568009** Collected: 01/23/23 13:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:16	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:16	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 18:16	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:16	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 18:16	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:16	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:16	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:16	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 18:16	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 18:16	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:16	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 18:16	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:16	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 18:16	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:16	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 18:16	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 18:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 18:16	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 18:16	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:16	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:16	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 18:16	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 18:16	75-71-8	
1,1-Dichloroethane	**0.44J**	ug/L	1.0	0.30	1		01/27/23 18:16	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:16	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 18:16	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 18:16	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 18:16	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:16	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:16	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 18:16	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:16	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:16	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 18:16	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:16	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:16	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 18:16	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:16	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:16	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 18:16	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:16	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:16	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:16	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:16	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2302 **Lab ID: 40257568009** Collected: 01/23/23 13:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:16	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 18:16	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:16	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:16	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:16	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 18:16	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:16	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 18:16	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 18:16	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:16	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 18:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:16	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 18:16	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 18:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/27/23 18:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 18:16	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 18:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2302 **Lab ID: 40257568010** Collected: 01/23/23 14:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 18:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:33	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 18:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:33	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:33	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 18:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 18:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 18:33	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:33	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 18:33	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 18:33	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 18:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 18:33	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 18:33	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:33	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:33	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 18:33	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 18:33	75-71-8	
1,1-Dichloroethane	**3.6**	ug/L	1.0	0.30	1		01/27/23 18:33	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:33	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 18:33	75-35-4	
cis-1,2-Dichloroethene	**16.4**	ug/L	1.0	0.47	1		01/27/23 18:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 18:33	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:33	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:33	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 18:33	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:33	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 18:33	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:33	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 18:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:33	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:33	99-87-6	
Methylene Chloride	**1.0J**	ug/L	5.0	0.32	1		01/27/23 18:33	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:33	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:33	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:33	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2302 **Lab ID: 40257568010** Collected: 01/23/23 14:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 18:33	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:33	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:33	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 18:33	120-82-1	
1,1,1-Trichloroethane	**2.7**	ug/L	1.0	0.30	1		01/27/23 18:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 18:33	79-00-5	
Trichloroethene	**6.8**	ug/L	1.0	0.32	1		01/27/23 18:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:33	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 18:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	108-67-8	
Vinyl chloride	**0.54J**	ug/L	1.0	0.17	1		01/27/23 18:33	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 18:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/27/23 18:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 18:33	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 18:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2303 **Lab ID: 40257568011** Collected: 01/23/23 15:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**5.4J**	ug/L	5.6	0.39	1		01/30/23 11:34	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/30/23 11:34	74-85-1	
Methane	**5140**	ug/L	140	28.8	50		01/30/23 14:39	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**3.4**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:07	7439-89-6	
Manganese	**0.17**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:07	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.26**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 10:47	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 10:47	7440-47-3	
Iron, Dissolved	**4.1**	mg/L	0.25	0.058	1	01/30/23 05:45	02/03/23 10:47	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 10:47	7439-92-1	
Manganese, Dissolved	**0.18**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 03:19	7439-96-5	D9
Nickel, Dissolved	**0.00032J**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 10:47	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:51	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 18:51	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:51	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 18:51	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:51	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:51	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:51	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 18:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 18:51	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:51	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 18:51	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:51	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 18:51	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:51	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 18:51	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 18:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 18:51	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 18:51	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:51	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:51	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 18:51	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 18:51	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:51	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2303 **Lab ID: 40257568011** Collected: 01/23/23 15:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:51	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 18:51	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 18:51	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 18:51	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:51	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:51	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 18:51	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:51	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:51	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 18:51	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:51	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 18:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:51	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:51	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 18:51	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:51	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:51	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:51	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 18:51	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:51	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 18:51	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 18:51	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 18:51	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:51	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 18:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:51	108-67-8	
Vinyl chloride	**0.32J**	ug/L	1.0	0.17	1		01/27/23 18:51	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 18:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 18:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/27/23 18:51	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 18:51	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		01/27/23 13:06		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2303 **Lab ID: 40257568011** Collected: 01/23/23 15:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**152**	mg/L	20.0	4.3	10		01/30/23 18:43	16887-00-6	
Sulfate	**97.5**	mg/L	20.0	4.4	10		01/30/23 18:43	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**744**	mg/L	125	37.2	5		02/06/23 10:26		
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	02/06/23 06:00	02/06/23 08:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.2**	mg/L	0.50	0.14	1		02/01/23 16:02	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2108 **Lab ID: 40257568012** Collected: 01/23/23 16:15 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:08	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 19:08	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:08	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 19:08	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:08	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:08	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:08	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 19:08	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 19:08	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:08	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 19:08	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:08	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 19:08	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:08	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 19:08	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 19:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 19:08	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 19:08	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:08	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:08	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 19:08	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 19:08	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:08	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:08	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 19:08	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 19:08	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 19:08	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:08	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:08	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 19:08	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:08	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:08	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 19:08	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:08	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 19:08	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:08	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:08	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 19:08	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:08	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:08	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:08	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:08	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2108 **Lab ID: 40257568012** Collected: 01/23/23 16:15 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 19:08	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:08	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:08	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:08	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 19:08	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:08	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 19:08	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 19:08	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:08	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 19:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:08	108-67-8	
Vinyl chloride	**2.0**	ug/L	1.0	0.17	1		01/27/23 19:08	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 19:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/27/23 19:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 19:08	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 19:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2303 **Lab ID: 40257568013** Collected: 01/23/23 15:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**1.7J**	ug/L	5.6	0.39	1		01/30/23 11:41	74-84-0	
Ethene	**11.6**	ug/L	5.0	0.25	1		01/30/23 11:41	74-85-1	
Methane	**433**	ug/L	5.6	1.2	2		01/30/23 14:45	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1.3**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:14	7439-89-6	
Manganese	**0.19**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:14	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.11**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 11:17	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 11:17	7440-47-3	
Iron, Dissolved	**2.6**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 03:41	7439-89-6	CR
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 11:17	7439-92-1	
Manganese, Dissolved	**0.20**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 03:41	7439-96-5	D9
Nickel, Dissolved	**0.00059J**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 11:17	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:25	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:25	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 19:25	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:25	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 19:25	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:25	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:25	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:25	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 19:25	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 19:25	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:25	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 19:25	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:25	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 19:25	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:25	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 19:25	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 19:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 19:25	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 19:25	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:25	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:25	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 19:25	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 19:25	75-71-8	
1,1-Dichloroethane	**0.33J**	ug/L	1.0	0.30	1		01/27/23 19:25	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2303 **Lab ID: 40257568013** Collected: 01/23/23 15:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:25	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 19:25	75-35-4	
cis-1,2-Dichloroethene	**1.1**	ug/L	1.0	0.47	1		01/27/23 19:25	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 19:25	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:25	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:25	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 19:25	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:25	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:25	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 19:25	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:25	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 19:25	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:25	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:25	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 19:25	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:25	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:25	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:25	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 19:25	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:25	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:25	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 19:25	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:25	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 19:25	79-00-5	
Trichloroethene	**0.55J**	ug/L	1.0	0.32	1		01/27/23 19:25	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:25	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 19:25	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:25	108-67-8	
Vinyl chloride	**10.2**	ug/L	1.0	0.17	1		01/27/23 19:25	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 19:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/27/23 19:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 19:25	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		01/27/23 19:25	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		01/27/23 13:07		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2303 **Lab ID: 40257568013** Collected: 01/23/23 15:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**75.6**	mg/L	20.0	4.3	10		01/30/23 18:58	16887-00-6	
Sulfate	**216**	mg/L	20.0	4.4	10		01/30/23 18:58	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**296**	mg/L	50.0	14.9	2		02/06/23 10:27		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**39.0J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.4**	mg/L	0.50	0.14	1		02/01/23 16:19	7440-44-0	

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2203 **Lab ID: 40257568014** Collected: 01/24/23 07:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:42	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 19:42	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:42	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 19:42	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:42	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:42	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:42	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 19:42	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 19:42	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:42	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 19:42	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:42	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 19:42	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:42	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 19:42	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 19:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 19:42	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 19:42	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:42	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:42	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 19:42	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 19:42	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:42	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:42	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 19:42	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 19:42	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 19:42	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:42	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:42	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 19:42	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:42	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:42	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 19:42	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:42	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 19:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:42	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:42	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 19:42	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:42	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:42	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:42	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:42	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2203 **Lab ID: 40257568014** Collected: 01/24/23 07:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:42	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 19:42	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:42	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:42	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:42	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 19:42	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:42	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 19:42	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 19:42	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:42	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 19:42	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:42	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 19:42	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 19:42	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/27/23 19:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/27/23 19:42	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		01/27/23 19:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2203 **Lab ID: 40257568015** Collected: 01/24/23 08:05 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:00	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:00	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 20:00	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:00	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 20:00	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:00	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:00	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:00	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 20:00	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 20:00	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:00	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 20:00	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:00	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 20:00	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:00	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 20:00	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 20:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 20:00	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 20:00	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:00	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:00	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 20:00	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 20:00	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:00	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:00	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 20:00	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 20:00	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 20:00	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:00	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:00	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 20:00	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:00	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:00	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 20:00	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:00	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 20:00	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:00	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:00	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 20:00	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:00	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:00	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:00	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:00	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2203 **Lab ID: 40257568015** Collected: 01/24/23 08:05 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 20:00	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:00	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:00	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 20:00	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:00	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 20:00	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 20:00	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:00	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 20:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:00	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 20:00	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 20:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/27/23 20:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/27/23 20:00	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		01/27/23 20:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2202 **Lab ID: 40257568016** Collected: 01/24/23 08:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:17	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 20:17	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:17	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 20:17	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:17	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:17	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:17	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 20:17	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 20:17	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:17	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 20:17	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:17	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 20:17	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:17	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 20:17	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 20:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 20:17	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 20:17	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:17	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:17	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 20:17	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 20:17	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:17	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:17	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 20:17	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 20:17	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 20:17	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:17	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:17	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 20:17	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:17	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:17	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 20:17	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:17	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 20:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:17	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:17	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 20:17	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:17	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:17	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:17	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:17	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2202 **Lab ID: 40257568016** Collected: 01/24/23 08:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 20:17	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:17	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:17	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:17	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 20:17	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:17	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 20:17	79-00-5	
Trichloroethene	**1.1**	ug/L	1.0	0.32	1		01/27/23 20:17	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:17	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 20:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:17	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 20:17	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 20:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/27/23 20:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/27/23 20:17	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		01/27/23 20:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2110 **Lab ID: 40257568017** Collected: 01/24/23 09:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		02/02/23 10:59	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		02/02/23 10:59	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		02/02/23 10:59	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.87**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:22	7439-89-6	
Manganese	**0.23**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:22	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.042**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 11:24	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 11:24	7440-47-3	
Iron, Dissolved	**0.36**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 03:49	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 11:24	7439-92-1	
Manganese, Dissolved	**0.22**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 03:49	7439-96-5	
Nickel, Dissolved	**0.0010**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 11:24	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:32	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:32	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 16:32	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:32	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 16:32	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:32	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:32	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:32	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 16:32	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 16:32	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:32	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 16:32	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:32	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 16:32	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:32	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 16:32	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 16:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 16:32	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 16:32	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:32	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:32	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 16:32	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 16:32	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:32	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2110 **Lab ID: 40257568017** Collected: 01/24/23 09:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:32	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 16:32	75-35-4	
cis-1,2-Dichloroethene	**5.5**	ug/L	1.0	0.47	1		01/27/23 16:32	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 16:32	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:32	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:32	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 16:32	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:32	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:32	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 16:32	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:32	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:32	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 16:32	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:32	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:32	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 16:32	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:32	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:32	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:32	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 16:32	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:32	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:32	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 16:32	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:32	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 16:32	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 16:32	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:32	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 16:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:32	108-67-8	
Vinyl chloride	**5.7**	ug/L	1.0	0.17	1		01/27/23 16:32	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 16:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/27/23 16:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 16:32	2199-69-1	
Toluene-d8 (S)	99	%	70-130		1		01/27/23 16:32	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:10		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2110 **Lab ID: 40257568017** Collected: 01/24/23 09:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**158**	mg/L	40.0	8.6	20		01/30/23 19:13	16887-00-6	
Sulfate	**358**	mg/L	40.0	8.9	20		01/30/23 19:13	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**318**	mg/L	25.0	7.4	1		02/06/23 10:28		
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	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.0**	mg/L	0.50	0.14	1		02/01/23 16:35	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2202 **Lab ID: 40257568018** Collected: 01/24/23 09:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:52	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:52	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:52	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:52	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:52	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:52	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:52	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:52	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:52	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:52	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:52	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:52	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:52	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:52	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:52	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:52	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:52	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:52	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:52	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:52	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:52	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:52	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:52	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:52	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:52	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 17:52	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:52	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:52	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:52	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:52	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:52	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:52	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:52	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:52	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:52	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:52	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:52	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:52	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:52	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:52	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:52	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:52	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2202 **Lab ID: 40257568018** Collected: 01/24/23 09:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:52	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:52	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:52	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:52	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:52	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:52	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 17:52	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:52	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:52	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:52	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		01/27/23 17:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/27/23 17:52	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/27/23 17:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2114 **Lab ID: 40257568019** Collected: 01/24/23 09:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**16.2**	ug/L	5.6	0.39	1		01/30/23 11:55	74-84-0	
Ethene	**2.1J**	ug/L	5.0	0.25	1		01/30/23 11:55	74-85-1	
Methane	**5430**	ug/L	140	28.8	50		01/30/23 14:52	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.7**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:29	7439-89-6	
Manganese	**0.16**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:29	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	01/30/23 05:45	02/03/23 11:31	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 11:31	7440-47-3	
Iron, Dissolved	**2.7**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 03:56	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 11:31	7439-92-1	
Manganese, Dissolved	**0.18**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 03:56	7439-96-5	D9
Nickel, Dissolved	**0.0056**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 11:31	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 18:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:12	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 18:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:12	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:12	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 18:12	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 18:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 18:12	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:12	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 18:12	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 18:12	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 18:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 18:12	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 18:12	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:12	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:12	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 18:12	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 18:12	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:12	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2114 **Lab ID: 40257568019** Collected: 01/24/23 09:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:12	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 18:12	75-35-4	
cis-1,2-Dichloroethene	**4.9**	ug/L	1.0	0.47	1		01/27/23 18:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 18:12	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:12	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:12	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 18:12	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:12	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:12	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 18:12	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:12	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 18:12	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:12	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:12	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 18:12	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:12	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:12	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:12	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 18:12	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:12	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 18:12	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 18:12	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 18:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:12	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 18:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:12	108-67-8	
Vinyl chloride	**3.9**	ug/L	1.0	0.17	1		01/27/23 18:12	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 18:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 18:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/27/23 18:12	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/27/23 18:12	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:13		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2114 **Lab ID: 40257568019** Collected: 01/24/23 09:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**125**	mg/L	20.0	4.3	10		01/30/23 20:12	16887-00-6	
Sulfate	**290**	mg/L	20.0	4.4	10		01/30/23 20:12	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**527**	mg/L	50.0	14.9	2		02/06/23 10:32		
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	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**46.0**	mg/L	30.0	8.3	60		02/01/23 16:52	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2114 **Lab ID: 40257568020** Collected: 01/24/23 10:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		02/02/23 11:06	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		02/02/23 11:06	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		02/02/23 11:06	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	01/30/23 05:59	02/01/23 05:36	7439-89-6	
Manganese	**0.0076**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:36	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.16**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 12:08	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 12:08	7440-47-3	
Iron, Dissolved	**<0.058**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 04:03	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 12:08	7439-92-1	
Manganese, Dissolved	**0.0013J**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 04:03	7439-96-5	
Nickel, Dissolved	**0.0035**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 12:08	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:08	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 16:08	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:08	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 16:08	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:08	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:08	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:08	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 16:08	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 16:08	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:08	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 16:08	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:08	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 16:08	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:08	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 16:08	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 16:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 16:08	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 16:08	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:08	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:08	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 16:08	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 16:08	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:08	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2114 **Lab ID: 40257568020** Collected: 01/24/23 10:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:08	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 16:08	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 16:08	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 16:08	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:08	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:08	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 16:08	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:08	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:08	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 16:08	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:08	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 16:08	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:08	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:08	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 16:08	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:08	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:08	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:08	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 16:08	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:08	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:08	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:08	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 16:08	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:08	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 16:08	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 16:08	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:08	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 16:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:08	108-67-8	
Vinyl chloride	**0.53J**	ug/L	1.0	0.17	1		01/27/23 16:08	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 16:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 16:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 16:08	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/27/23 16:08	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:15		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2114 **Lab ID: 40257568020** Collected: 01/24/23 10:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**125**	mg/L	20.0	4.3	10		01/30/23 20:27	16887-00-6	
Sulfate	**182**	mg/L	20.0	4.4	10		01/30/23 20:27	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**216**	mg/L	25.0	7.4	1		02/06/23 10:33		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**24.2J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.7**	mg/L	0.50	0.14	1		02/01/23 17:06	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2110 **Lab ID: 40257568021** Collected: 01/24/23 10:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		02/02/23 12:11	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		02/02/23 12:11	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		02/02/23 12:11	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1.1**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:44	7439-89-6	
Manganese	**0.068**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:44	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.057**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 12:37	7440-39-3	
Calcium, Dissolved	**144**	mg/L	0.25	0.076	1	01/30/23 05:45	02/03/23 12:37	7440-70-2	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 12:37	7440-47-3	
Iron, Dissolved	**0.52**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 04:11	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 12:37	7439-92-1	
Magnesium, Dissolved	**88.1**	mg/L	0.25	0.031	1	01/30/23 05:45	02/03/23 12:37	7439-95-4	
Manganese, Dissolved	**0.065**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 04:11	7439-96-5	
Nickel, Dissolved	**0.0012**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 12:37	7440-02-0	
Potassium, Dissolved	**4.1**	mg/L	0.79	0.24	1	01/30/23 05:45	02/03/23 12:37	7440-09-7	
Sodium, Dissolved	**243**	mg/L	0.25	0.042	1	01/30/23 05:45	02/03/23 12:37	7440-23-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 18:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:33	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 18:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:33	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:33	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 18:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 18:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 18:33	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:33	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 18:33	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 18:33	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 18:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 18:33	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 18:33	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:33	95-50-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2110 **Lab ID: 40257568021** Collected: 01/24/23 10:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:33	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 18:33	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 18:33	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:33	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:33	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 18:33	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 18:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 18:33	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:33	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:33	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 18:33	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:33	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 18:33	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:33	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 18:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:33	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:33	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 18:33	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:33	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:33	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:33	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 18:33	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:33	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:33	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 18:33	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 18:33	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 18:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:33	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 18:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 18:33	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 18:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 18:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 18:33	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/27/23 18:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2110 **Lab ID: 40257568021** Collected: 01/24/23 10:10 Received: 01/26/23 08:00 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		01/27/23 13:17		
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**613**	mg/L	40.0	8.6	20		01/30/23 20:42	16887-00-6	
Sulfate	**343**	mg/L	40.0	8.9	20		01/30/23 20:42	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		02/06/23 10:36		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**30.5J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.4**	mg/L	0.50	0.14	1		02/01/23 17:24	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2201 **Lab ID: 40257568022** Collected: 01/24/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**6.2**	ug/L	5.6	0.39	1		01/30/23 12:16	74-84-0	
Ethene	**78.5**	ug/L	5.0	0.25	1		01/30/23 12:16	74-85-1	
Methane	**487**	ug/L	14.0	2.9	5		01/30/23 14:59	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7.9**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:51	7439-89-6	
Manganese	**0.071**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:51	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.059**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 12:44	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 12:44	7440-47-3	
Iron, Dissolved	**9.3**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 04:18	7439-89-6	D9
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 12:44	7439-92-1	
Manganese, Dissolved	**0.087**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 04:18	7439-96-5	CR
Nickel, Dissolved	**0.0013**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 12:44	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1.5**	ug/L	5.0	1.5	5		01/27/23 22:20	71-43-2	
Bromobenzene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		01/27/23 22:20	74-97-5	
Bromodichloromethane	**<2.1**	ug/L	5.0	2.1	5		01/27/23 22:20	75-27-4	
Bromoform	**<19.0**	ug/L	25.0	19.0	5		01/27/23 22:20	75-25-2	
Bromomethane	**<6.0**	ug/L	25.0	6.0	5		01/27/23 22:20	74-83-9	
n-Butylbenzene	**<4.3**	ug/L	5.0	4.3	5		01/27/23 22:20	104-51-8	
sec-Butylbenzene	**<2.1**	ug/L	5.0	2.1	5		01/27/23 22:20	135-98-8	
tert-Butylbenzene	**<2.9**	ug/L	5.0	2.9	5		01/27/23 22:20	98-06-6	
Carbon tetrachloride	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	56-23-5	
Chlorobenzene	**<4.3**	ug/L	5.0	4.3	5		01/27/23 22:20	108-90-7	
Chloroethane	**<6.9**	ug/L	25.0	6.9	5		01/27/23 22:20	75-00-3	
Chloroform	**<5.9**	ug/L	25.0	5.9	5		01/27/23 22:20	67-66-3	
Chloromethane	**<8.2**	ug/L	25.0	8.2	5		01/27/23 22:20	74-87-3	
2-Chlorotoluene	**<4.4**	ug/L	25.0	4.4	5		01/27/23 22:20	95-49-8	
4-Chlorotoluene	**<4.5**	ug/L	25.0	4.5	5		01/27/23 22:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<11.8**	ug/L	25.0	11.8	5		01/27/23 22:20	96-12-8	
Dibromochloromethane	**<13.2**	ug/L	25.0	13.2	5		01/27/23 22:20	124-48-1	
1,2-Dibromoethane (EDB)	**<1.5**	ug/L	5.0	1.5	5		01/27/23 22:20	106-93-4	
Dibromomethane	**<5.0**	ug/L	25.0	5.0	5		01/27/23 22:20	74-95-3	
1,2-Dichlorobenzene	**<1.6**	ug/L	5.0	1.6	5		01/27/23 22:20	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	541-73-1	
1,4-Dichlorobenzene	**<4.5**	ug/L	5.0	4.5	5		01/27/23 22:20	106-46-7	
Dichlorodifluoromethane	**<2.3**	ug/L	25.0	2.3	5		01/27/23 22:20	75-71-8	
1,1-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 22:20	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2201 **Lab ID: 40257568022** Collected: 01/24/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 22:20	107-06-2	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		01/27/23 22:20	75-35-4	
cis-1,2-Dichloroethene	**189**	ug/L	5.0	2.4	5		01/27/23 22:20	156-59-2	
trans-1,2-Dichloroethene	**<2.6**	ug/L	5.0	2.6	5		01/27/23 22:20	156-60-5	
1,2-Dichloropropane	**<2.2**	ug/L	5.0	2.2	5		01/27/23 22:20	78-87-5	
1,3-Dichloropropane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 22:20	142-28-9	
2,2-Dichloropropane	**<20.9**	ug/L	25.0	20.9	5		01/27/23 22:20	594-20-7	
1,1-Dichloropropene	**<2.1**	ug/L	5.0	2.1	5		01/27/23 22:20	563-58-6	
cis-1,3-Dichloropropene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	10061-01-5	
trans-1,3-Dichloropropene	**<17.3**	ug/L	25.0	17.3	5		01/27/23 22:20	10061-02-6	
Diisopropyl ether	**<5.5**	ug/L	25.0	5.5	5		01/27/23 22:20	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.0	1.6	5		01/27/23 22:20	100-41-4	
Hexachloro-1,3-butadiene	**<13.7**	ug/L	25.0	13.7	5		01/27/23 22:20	87-68-3	
Isopropylbenzene (Cumene)	**<5.0**	ug/L	25.0	5.0	5		01/27/23 22:20	98-82-8	
p-Isopropyltoluene	**<5.2**	ug/L	25.0	5.2	5		01/27/23 22:20	99-87-6	
Methylene Chloride	**<1.6**	ug/L	25.0	1.6	5		01/27/23 22:20	75-09-2	
Methyl-tert-butyl ether	**<5.6**	ug/L	25.0	5.6	5		01/27/23 22:20	1634-04-4	
Naphthalene	**<5.6**	ug/L	25.0	5.6	5		01/27/23 22:20	91-20-3	
n-Propylbenzene	**<1.7**	ug/L	5.0	1.7	5		01/27/23 22:20	103-65-1	
Styrene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.9**	ug/L	5.0	1.9	5		01/27/23 22:20	79-34-5	
Tetrachloroethene	**<2.0**	ug/L	5.0	2.0	5		01/27/23 22:20	127-18-4	
Toluene	**<1.4**	ug/L	5.0	1.4	5		01/27/23 22:20	108-88-3	
1,2,3-Trichlorobenzene	**<5.1**	ug/L	25.0	5.1	5		01/27/23 22:20	87-61-6	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		01/27/23 22:20	120-82-1	
1,1,1-Trichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 22:20	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	25.0	1.7	5		01/27/23 22:20	79-00-5	
Trichloroethene	**<1.6**	ug/L	5.0	1.6	5		01/27/23 22:20	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	5.0	2.1	5		01/27/23 22:20	75-69-4	
1,2,3-Trichloropropane	**<2.8**	ug/L	25.0	2.8	5		01/27/23 22:20	96-18-4	
1,2,4-Trimethylbenzene	**<2.2**	ug/L	5.0	2.2	5		01/27/23 22:20	95-63-6	
1,3,5-Trimethylbenzene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 22:20	108-67-8	
Vinyl chloride	**229**	ug/L	5.0	0.87	5		01/27/23 22:20	75-01-4	
Xylene (Total)	**<5.2**	ug/L	15.0	5.2	5		01/27/23 22:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		5		01/27/23 22:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		5		01/27/23 22:20	2199-69-1	
Toluene-d8 (S)	102	%	70-130		5		01/27/23 22:20	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		01/27/23 13:19		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2201 **Lab ID: 40257568022** Collected: 01/24/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**77.9**	mg/L	20.0	4.3	10		01/30/23 20:56	16887-00-6	
Sulfate	**729**	mg/L	100	22.2	50		01/31/23 13:27	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		02/06/23 10:37		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**39.0J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.6**	mg/L	0.50	0.14	1		02/01/23 17:43	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2201D **Lab ID: 40257568023** Collected: 01/24/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**6.8**	ug/L	5.6	0.39	1		01/30/23 12:23	74-84-0	
Ethene	**83.0**	ug/L	5.0	0.25	1		01/30/23 12:23	74-85-1	
Methane	**535**	ug/L	14.0	2.9	5		01/30/23 15:06	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7.4**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 05:58	7439-89-6	
Manganese	**0.071**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 05:58	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.057**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 12:52	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 12:52	7440-47-3	
Iron, Dissolved	**9.0**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 04:25	7439-89-6	D9
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 12:52	7439-92-1	
Manganese, Dissolved	**0.086**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 04:25	7439-96-5	D9
Nickel, Dissolved	**0.0013**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 12:52	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.59**	ug/L	2.0	0.59	2		01/27/23 22:41	71-43-2	
Bromobenzene	**<0.72**	ug/L	2.0	0.72	2		01/27/23 22:41	108-86-1	
Bromochloromethane	**<0.72**	ug/L	10.0	0.72	2		01/27/23 22:41	74-97-5	
Bromodichloromethane	**<0.83**	ug/L	2.0	0.83	2		01/27/23 22:41	75-27-4	
Bromoform	**<7.6**	ug/L	10.0	7.6	2		01/27/23 22:41	75-25-2	
Bromomethane	**<2.4**	ug/L	10.0	2.4	2		01/27/23 22:41	74-83-9	
n-Butylbenzene	**<1.7**	ug/L	2.0	1.7	2		01/27/23 22:41	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	2.0	0.85	2		01/27/23 22:41	135-98-8	
tert-Butylbenzene	**<1.2**	ug/L	2.0	1.2	2		01/27/23 22:41	98-06-6	
Carbon tetrachloride	**<0.74**	ug/L	2.0	0.74	2		01/27/23 22:41	56-23-5	
Chlorobenzene	**<1.7**	ug/L	2.0	1.7	2		01/27/23 22:41	108-90-7	
Chloroethane	**<2.8**	ug/L	10.0	2.8	2		01/27/23 22:41	75-00-3	
Chloroform	**<2.4**	ug/L	10.0	2.4	2		01/27/23 22:41	67-66-3	
Chloromethane	**<3.3**	ug/L	10.0	3.3	2		01/27/23 22:41	74-87-3	
2-Chlorotoluene	**<1.8**	ug/L	10.0	1.8	2		01/27/23 22:41	95-49-8	
4-Chlorotoluene	**<1.8**	ug/L	10.0	1.8	2		01/27/23 22:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.7**	ug/L	10.0	4.7	2		01/27/23 22:41	96-12-8	
Dibromochloromethane	**<5.3**	ug/L	10.0	5.3	2		01/27/23 22:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.62**	ug/L	2.0	0.62	2		01/27/23 22:41	106-93-4	
Dibromomethane	**<2.0**	ug/L	10.0	2.0	2		01/27/23 22:41	74-95-3	
1,2-Dichlorobenzene	**<0.65**	ug/L	2.0	0.65	2		01/27/23 22:41	95-50-1	
1,3-Dichlorobenzene	**<0.70**	ug/L	2.0	0.70	2		01/27/23 22:41	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	2.0	1.8	2		01/27/23 22:41	106-46-7	
Dichlorodifluoromethane	**<0.91**	ug/L	10.0	0.91	2		01/27/23 22:41	75-71-8	
1,1-Dichloroethane	**1.3J**	ug/L	2.0	0.59	2		01/27/23 22:41	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2201D **Lab ID: 40257568023** Collected: 01/24/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.58**	ug/L	2.0	0.58	2		01/27/23 22:41	107-06-2	
1,1-Dichloroethene	**<1.2**	ug/L	2.0	1.2	2		01/27/23 22:41	75-35-4	
cis-1,2-Dichloroethene	**185**	ug/L	2.0	0.94	2		01/27/23 22:41	156-59-2	
trans-1,2-Dichloroethene	**<1.1**	ug/L	2.0	1.1	2		01/27/23 22:41	156-60-5	
1,2-Dichloropropane	**<0.90**	ug/L	2.0	0.90	2		01/27/23 22:41	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	2.0	0.61	2		01/27/23 22:41	142-28-9	
2,2-Dichloropropane	**<8.4**	ug/L	10.0	8.4	2		01/27/23 22:41	594-20-7	
1,1-Dichloropropene	**<0.82**	ug/L	2.0	0.82	2		01/27/23 22:41	563-58-6	
cis-1,3-Dichloropropene	**<0.72**	ug/L	2.0	0.72	2		01/27/23 22:41	10061-01-5	
trans-1,3-Dichloropropene	**<6.9**	ug/L	10.0	6.9	2		01/27/23 22:41	10061-02-6	
Diisopropyl ether	**<2.2**	ug/L	10.0	2.2	2		01/27/23 22:41	108-20-3	
Ethylbenzene	**<0.65**	ug/L	2.0	0.65	2		01/27/23 22:41	100-41-4	
Hexachloro-1,3-butadiene	**<5.5**	ug/L	10.0	5.5	2		01/27/23 22:41	87-68-3	
Isopropylbenzene (Cumene)	**<2.0**	ug/L	10.0	2.0	2		01/27/23 22:41	98-82-8	
p-Isopropyltoluene	**<2.1**	ug/L	10.0	2.1	2		01/27/23 22:41	99-87-6	
Methylene Chloride	**<0.64**	ug/L	10.0	0.64	2		01/27/23 22:41	75-09-2	
Methyl-tert-butyl ether	**<2.3**	ug/L	10.0	2.3	2		01/27/23 22:41	1634-04-4	
Naphthalene	**<2.3**	ug/L	10.0	2.3	2		01/27/23 22:41	91-20-3	
n-Propylbenzene	**<0.69**	ug/L	2.0	0.69	2		01/27/23 22:41	103-65-1	
Styrene	**<0.71**	ug/L	2.0	0.71	2		01/27/23 22:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.71**	ug/L	2.0	0.71	2		01/27/23 22:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.76**	ug/L	2.0	0.76	2		01/27/23 22:41	79-34-5	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		01/27/23 22:41	127-18-4	
Toluene	**<0.58**	ug/L	2.0	0.58	2		01/27/23 22:41	108-88-3	
1,2,3-Trichlorobenzene	**<2.0**	ug/L	10.0	2.0	2		01/27/23 22:41	87-61-6	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		01/27/23 22:41	120-82-1	
1,1,1-Trichloroethane	**<0.61**	ug/L	2.0	0.61	2		01/27/23 22:41	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	10.0	0.69	2		01/27/23 22:41	79-00-5	
Trichloroethene	**<0.64**	ug/L	2.0	0.64	2		01/27/23 22:41	79-01-6	
Trichlorofluoromethane	**<0.84**	ug/L	2.0	0.84	2		01/27/23 22:41	75-69-4	
1,2,3-Trichloropropane	**<1.1**	ug/L	10.0	1.1	2		01/27/23 22:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.90**	ug/L	2.0	0.90	2		01/27/23 22:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.71**	ug/L	2.0	0.71	2		01/27/23 22:41	108-67-8	
Vinyl chloride	**215**	ug/L	2.0	0.35	2		01/27/23 22:41	75-01-4	
Xylene (Total)	**<2.1**	ug/L	6.0	2.1	2		01/27/23 22:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		2		01/27/23 22:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		2		01/27/23 22:41	2199-69-1	
Toluene-d8 (S)	102	%	70-130		2		01/27/23 22:41	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		01/27/23 13:21		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2201D **Lab ID: 40257568023** Collected: 01/24/23 10:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**76.3**	mg/L	20.0	4.3	10		01/30/23 21:11	16887-00-6	
Sulfate	**797**	mg/L	100	22.2	50		01/31/23 13:42	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**412**	mg/L	50.0	14.9	2		02/06/23 10:38		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**41.1J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**4.6**	mg/L	0.50	0.14	1		02/01/23 18:00	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-31 **Lab ID: 40257568024** Collected: 01/24/23 11:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**25.6**	ug/L	5.6	0.39	1		01/30/23 12:29	74-84-0	
Ethene	**52.7**	ug/L	5.0	0.25	1		01/30/23 12:29	74-85-1	
Methane	**9430**	ug/L	280	57.6	100		01/30/23 15:13	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**21.0**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 06:06	7439-89-6	
Manganese	**0.18**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 06:06	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.47**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 12:59	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 12:59	7440-47-3	
Iron, Dissolved	**20.8**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 04:33	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 12:59	7439-92-1	
Manganese, Dissolved	**0.18**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 04:33	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 12:59	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:54	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:54	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 18:54	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:54	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 18:54	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:54	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:54	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:54	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 18:54	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 18:54	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 18:54	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 18:54	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 18:54	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 18:54	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:54	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 18:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 18:54	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 18:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 18:54	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 18:54	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:54	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:54	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 18:54	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 18:54	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:54	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-31 **Lab ID: 40257568024** Collected: 01/24/23 11:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:54	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 18:54	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 18:54	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 18:54	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:54	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:54	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 18:54	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:54	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:54	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 18:54	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:54	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 18:54	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 18:54	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:54	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:54	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 18:54	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:54	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 18:54	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 18:54	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 18:54	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 18:54	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 18:54	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 18:54	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 18:54	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 18:54	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 18:54	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 18:54	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 18:54	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 18:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 18:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 18:54	108-67-8	
Vinyl chloride	**5.6**	ug/L	1.0	0.17	1		01/27/23 18:54	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 18:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/27/23 18:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 18:54	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/27/23 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		01/27/23 13:24		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-31 **Lab ID: 40257568024** Collected: 01/24/23 11:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**112**	mg/L	20.0	4.3	10		01/30/23 21:26	16887-00-6	
Sulfate	**9.3J**	mg/L	20.0	4.4	10		01/30/23 21:26	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**757**	mg/L	50.0	14.9	2		02/06/23 10:39		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**175**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**58.1**	mg/L	5.0	1.4	10		02/01/23 18:16	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2109 **Lab ID: 40257568025** Collected: 01/24/23 11:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 21:18	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 21:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 21:18	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 21:18	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 21:18	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 21:18	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 21:18	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 21:18	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 21:18	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 21:18	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 21:18	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 21:18	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 21:18	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 21:18	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 21:18	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 21:18	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 21:18	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 21:18	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 21:18	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 21:18	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 21:18	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 21:18	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 21:18	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 21:18	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 21:18	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 21:18	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 21:18	75-35-4	
cis-1,2-Dichloroethene	**74.3**	ug/L	1.0	0.47	1		01/27/23 21:18	156-59-2	
trans-1,2-Dichloroethene	**0.92J**	ug/L	1.0	0.53	1		01/27/23 21:18	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 21:18	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 21:18	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 21:18	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 21:18	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 21:18	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 21:18	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 21:18	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 21:18	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 21:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 21:18	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 21:18	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 21:18	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 21:18	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 21:18	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 21:18	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 21:18	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2109 **Lab ID: 40257568025** Collected: 01/24/23 11:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 21:18	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 21:18	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 21:18	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 21:18	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 21:18	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 21:18	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 21:18	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 21:18	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 21:18	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 21:18	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 21:18	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 21:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 21:18	108-67-8	
Vinyl chloride	**90.8**	ug/L	1.0	0.17	1		01/27/23 21:18	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 21:18	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		01/27/23 21:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 21:18	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/27/23 21:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2109 **Lab ID: 40257568026** Collected: 01/24/23 12:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:14	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:14	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 19:14	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:14	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 19:14	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:14	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:14	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:14	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 19:14	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 19:14	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:14	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 19:14	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:14	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 19:14	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:14	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 19:14	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 19:14	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 19:14	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 19:14	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:14	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:14	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 19:14	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 19:14	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:14	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:14	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 19:14	75-35-4	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	0.47	1		01/27/23 19:14	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 19:14	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:14	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:14	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 19:14	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:14	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:14	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 19:14	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:14	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:14	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 19:14	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:14	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:14	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 19:14	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:14	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:14	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:14	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:14	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2109 **Lab ID: 40257568026** Collected: 01/24/23 12:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 19:14	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:14	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:14	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:14	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 19:14	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:14	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 19:14	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 19:14	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:14	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 19:14	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:14	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:14	108-67-8	
Vinyl chloride	**8.9**	ug/L	1.0	0.17	1		01/27/23 19:14	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 19:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 19:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/27/23 19:14	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/27/23 19:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-114 **Lab ID: 40257568027** Collected: 01/24/23 12:25 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:35	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:35	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 19:35	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:35	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 19:35	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:35	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:35	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:35	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 19:35	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 19:35	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:35	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 19:35	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:35	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 19:35	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:35	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 19:35	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 19:35	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 19:35	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 19:35	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:35	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:35	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 19:35	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 19:35	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:35	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:35	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 19:35	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 19:35	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 19:35	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:35	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:35	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 19:35	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:35	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:35	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 19:35	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:35	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:35	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 19:35	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:35	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:35	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 19:35	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:35	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:35	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:35	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:35	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-114 **Lab ID: 40257568027** Collected: 01/24/23 12:25 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 19:35	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:35	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:35	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:35	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 19:35	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:35	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 19:35	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 19:35	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:35	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 19:35	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:35	108-67-8	
Vinyl chloride	**2.0**	ug/L	1.0	0.17	1		01/27/23 19:35	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 19:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 19:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/27/23 19:35	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/27/23 19:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-118 **Lab ID: 40257568028** Collected: 01/24/23 12:55 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 16:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:29	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 16:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:29	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 16:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 16:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 16:29	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 16:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 16:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 16:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 16:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 16:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 16:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 16:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:29	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 16:29	75-35-4	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	0.47	1		01/27/23 16:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 16:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:29	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 16:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:29	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:29	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 16:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:29	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 16:29	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:29	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 16:29	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:29	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:29	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-118 **Lab ID: 40257568028** Collected: 01/24/23 12:55 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 16:29	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 16:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 16:29	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 16:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 16:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:29	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 16:29	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 16:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 16:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/27/23 16:29	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/27/23 16:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-113 **Lab ID: 40257568029** Collected: 01/24/23 13:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:50	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:50	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 16:50	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:50	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 16:50	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:50	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:50	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:50	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 16:50	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 16:50	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:50	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 16:50	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:50	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 16:50	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:50	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 16:50	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 16:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 16:50	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 16:50	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:50	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:50	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 16:50	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 16:50	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:50	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:50	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 16:50	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 16:50	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 16:50	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:50	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:50	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 16:50	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:50	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:50	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 16:50	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:50	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 16:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:50	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:50	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 16:50	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:50	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:50	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:50	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:50	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-113 **Lab ID: 40257568029** Collected: 01/24/23 13:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 16:50	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:50	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:50	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:50	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 16:50	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:50	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 16:50	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 16:50	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:50	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 16:50	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:50	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 16:50	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 16:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 16:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 16:50	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/27/23 16:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-61 **Lab ID: 40257568030** Collected: 01/24/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**18.1**	ug/L	5.6	0.39	1		01/30/23 12:36	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/30/23 12:36	74-85-1	
Methane	**11000**	ug/L	280	57.6	100		01/30/23 15:20	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**115**	mg/L	1.2	0.29	5	01/30/23 05:59	02/01/23 06:28	7439-89-6	
Manganese	**0.18**	mg/L	0.020	0.0061	5	01/30/23 05:59	02/01/23 06:28	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.33**	mg/L	0.012	0.0035	5	01/30/23 05:45	02/03/23 13:06	7440-39-3	
Chromium, Dissolved	**<0.0051**	mg/L	0.017	0.0051	5	01/30/23 05:45	02/03/23 13:06	7440-47-3	D3
Iron, Dissolved	**116**	mg/L	1.2	0.29	5	01/30/23 05:45	02/07/23 04:40	7439-89-6	D9
Lead, Dissolved	**<0.0012**	mg/L	0.0050	0.0012	5	01/30/23 05:45	02/03/23 13:06	7439-92-1	D3
Manganese, Dissolved	**0.17**	mg/L	0.020	0.0061	5	01/30/23 05:45	02/07/23 04:40	7439-96-5	
Nickel, Dissolved	**0.014**	mg/L	0.0050	0.0014	5	01/30/23 05:45	02/03/23 13:06	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:56	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:56	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 19:56	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:56	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 19:56	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:56	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:56	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:56	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 19:56	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 19:56	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 19:56	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 19:56	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 19:56	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 19:56	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:56	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 19:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 19:56	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 19:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 19:56	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 19:56	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:56	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:56	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 19:56	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 19:56	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:56	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-61 **Lab ID: 40257568030** Collected: 01/24/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 19:56	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 19:56	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	0.47	1		01/27/23 19:56	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 19:56	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:56	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:56	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 19:56	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:56	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:56	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 19:56	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:56	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 19:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 19:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:56	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:56	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 19:56	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:56	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 19:56	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 19:56	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:56	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 19:56	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 19:56	127-18-4	
Toluene	**1.2**	ug/L	1.0	0.29	1		01/27/23 19:56	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 19:56	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 19:56	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 19:56	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 19:56	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 19:56	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 19:56	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 19:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 19:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 19:56	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 19:56	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 19:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 19:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 19:56	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/27/23 19:56	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:25		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-61 **Lab ID: 40257568030** Collected: 01/24/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**938**	mg/L	100	21.6	50		01/31/23 13:56	16887-00-6	
Sulfate	**<2.2**	mg/L	10.0	2.2	5		01/30/23 21:41	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**883**	mg/L	125	37.2	5		02/06/23 10:40		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**209**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**38.8**	mg/L	15.0	4.2	30		02/01/23 18:51	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-61 **Lab ID: 40257568031** Collected: 01/24/23 14:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**7.9**	ug/L	5.6	0.39	1		01/31/23 09:11	74-84-0	
Ethene	**82.8**	ug/L	5.0	0.25	1		01/31/23 09:11	74-85-1	
Methane	**1040**	ug/L	14.0	2.9	5		01/31/23 12:14	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**3.7**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 06:35	7439-89-6	
Manganese	**0.20**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 06:35	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	01/30/23 05:45	02/03/23 13:14	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 13:14	7440-47-3	
Iron, Dissolved	**3.7**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 04:47	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 13:14	7439-92-1	
Manganese, Dissolved	**0.22**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 04:47	7439-96-5	D9
Nickel, Dissolved	**0.00084J**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 13:14	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**4.9**	ug/L	2.5	0.74	2.5		01/30/23 13:01	71-43-2	
Bromobenzene	**<0.90**	ug/L	2.5	0.90	2.5		01/30/23 13:01	108-86-1	
Bromochloromethane	**<0.89**	ug/L	12.5	0.89	2.5		01/30/23 13:01	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	2.5	1.0	2.5		01/30/23 13:01	75-27-4	
Bromoform	**<9.5**	ug/L	12.5	9.5	2.5		01/30/23 13:01	75-25-2	
Bromomethane	**<3.0**	ug/L	12.5	3.0	2.5		01/30/23 13:01	74-83-9	
n-Butylbenzene	**<2.1**	ug/L	2.5	2.1	2.5		01/30/23 13:01	104-51-8	
sec-Butylbenzene	**<1.1**	ug/L	2.5	1.1	2.5		01/30/23 13:01	135-98-8	
tert-Butylbenzene	**<1.5**	ug/L	2.5	1.5	2.5		01/30/23 13:01	98-06-6	
Carbon tetrachloride	**<0.92**	ug/L	2.5	0.92	2.5		01/30/23 13:01	56-23-5	
Chlorobenzene	**<2.1**	ug/L	2.5	2.1	2.5		01/30/23 13:01	108-90-7	
Chloroethane	**<3.4**	ug/L	12.5	3.4	2.5		01/30/23 13:01	75-00-3	
Chloroform	**<3.0**	ug/L	12.5	3.0	2.5		01/30/23 13:01	67-66-3	
Chloromethane	**<4.1**	ug/L	12.5	4.1	2.5		01/30/23 13:01	74-87-3	
2-Chlorotoluene	**<2.2**	ug/L	12.5	2.2	2.5		01/30/23 13:01	95-49-8	
4-Chlorotoluene	**<2.2**	ug/L	12.5	2.2	2.5		01/30/23 13:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<5.9**	ug/L	12.5	5.9	2.5		01/30/23 13:01	96-12-8	
Dibromochloromethane	**<6.6**	ug/L	12.5	6.6	2.5		01/30/23 13:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.77**	ug/L	2.5	0.77	2.5		01/30/23 13:01	106-93-4	
Dibromomethane	**<2.5**	ug/L	12.5	2.5	2.5		01/30/23 13:01	74-95-3	
1,2-Dichlorobenzene	**<0.81**	ug/L	2.5	0.81	2.5		01/30/23 13:01	95-50-1	
1,3-Dichlorobenzene	**<0.88**	ug/L	2.5	0.88	2.5		01/30/23 13:01	541-73-1	
1,4-Dichlorobenzene	**<2.2**	ug/L	2.5	2.2	2.5		01/30/23 13:01	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	12.5	1.1	2.5		01/30/23 13:01	75-71-8	
1,1-Dichloroethane	**<0.74**	ug/L	2.5	0.74	2.5		01/30/23 13:01	75-34-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-61 **Lab ID: 40257568031** Collected: 01/24/23 14:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.73**	ug/L	2.5	0.73	2.5		01/30/23 13:01	107-06-2	
1,1-Dichloroethene	**<1.5**	ug/L	2.5	1.5	2.5		01/30/23 13:01	75-35-4	
cis-1,2-Dichloroethene	**121**	ug/L	2.5	1.2	2.5		01/30/23 13:01	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	2.5	1.3	2.5		01/30/23 13:01	156-60-5	
1,2-Dichloropropane	**<1.1**	ug/L	2.5	1.1	2.5		01/30/23 13:01	78-87-5	
1,3-Dichloropropane	**<0.76**	ug/L	2.5	0.76	2.5		01/30/23 13:01	142-28-9	
2,2-Dichloropropane	**<10.4**	ug/L	12.5	10.4	2.5		01/30/23 13:01	594-20-7	
1,1-Dichloropropene	**<1.0**	ug/L	2.5	1.0	2.5		01/30/23 13:01	563-58-6	
cis-1,3-Dichloropropene	**<0.90**	ug/L	2.5	0.90	2.5		01/30/23 13:01	10061-01-5	
trans-1,3-Dichloropropene	**<8.7**	ug/L	12.5	8.7	2.5		01/30/23 13:01	10061-02-6	
Diisopropyl ether	**<2.8**	ug/L	12.5	2.8	2.5		01/30/23 13:01	108-20-3	
Ethylbenzene	**<0.81**	ug/L	2.5	0.81	2.5		01/30/23 13:01	100-41-4	
Hexachloro-1,3-butadiene	**<6.8**	ug/L	12.5	6.8	2.5		01/30/23 13:01	87-68-3	
Isopropylbenzene (Cumene)	**<2.5**	ug/L	12.5	2.5	2.5		01/30/23 13:01	98-82-8	
p-Isopropyltoluene	**<2.6**	ug/L	12.5	2.6	2.5		01/30/23 13:01	99-87-6	
Methylene Chloride	**<0.80**	ug/L	12.5	0.80	2.5		01/30/23 13:01	75-09-2	
Methyl-tert-butyl ether	**<2.8**	ug/L	12.5	2.8	2.5		01/30/23 13:01	1634-04-4	
Naphthalene	**<2.8**	ug/L	12.5	2.8	2.5		01/30/23 13:01	91-20-3	
n-Propylbenzene	**<0.86**	ug/L	2.5	0.86	2.5		01/30/23 13:01	103-65-1	
Styrene	**<0.89**	ug/L	2.5	0.89	2.5		01/30/23 13:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.89**	ug/L	2.5	0.89	2.5		01/30/23 13:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.94**	ug/L	2.5	0.94	2.5		01/30/23 13:01	79-34-5	
Tetrachloroethene	**<1.0**	ug/L	2.5	1.0	2.5		01/30/23 13:01	127-18-4	
Toluene	**<0.72**	ug/L	2.5	0.72	2.5		01/30/23 13:01	108-88-3	
1,2,3-Trichlorobenzene	**<2.5**	ug/L	12.5	2.5	2.5		01/30/23 13:01	87-61-6	
1,2,4-Trichlorobenzene	**<2.4**	ug/L	12.5	2.4	2.5		01/30/23 13:01	120-82-1	
1,1,1-Trichloroethane	**<0.76**	ug/L	2.5	0.76	2.5		01/30/23 13:01	71-55-6	
1,1,2-Trichloroethane	**<0.86**	ug/L	12.5	0.86	2.5		01/30/23 13:01	79-00-5	
Trichloroethene	**<0.80**	ug/L	2.5	0.80	2.5		01/30/23 13:01	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	2.5	1.0	2.5		01/30/23 13:01	75-69-4	
1,2,3-Trichloropropane	**<1.4**	ug/L	12.5	1.4	2.5		01/30/23 13:01	96-18-4	
1,2,4-Trimethylbenzene	**<1.1**	ug/L	2.5	1.1	2.5		01/30/23 13:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.89**	ug/L	2.5	0.89	2.5		01/30/23 13:01	108-67-8	
Vinyl chloride	**246**	ug/L	2.5	0.44	2.5		01/30/23 13:01	75-01-4	
Xylene (Total)	**<2.6**	ug/L	7.5	2.6	2.5		01/30/23 13:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		2.5		01/30/23 13:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		2.5		01/30/23 13:01	2199-69-1	
Toluene-d8 (S)	103	%	70-130		2.5		01/30/23 13:01	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		01/27/23 13:26		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-61 **Lab ID: 40257568031** Collected: 01/24/23 14:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**74.3**	mg/L	20.0	4.3	10		01/30/23 21:56	16887-00-6	
Sulfate	**199**	mg/L	20.0	4.4	10		01/30/23 21:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**266**	mg/L	25.0	7.4	1		02/06/23 10:41		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**51.7**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**12.8**	mg/L	3.0	0.83	6		02/01/23 19:37	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2107 **Lab ID: 40257568032** Collected: 01/24/23 14:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**16.7**	ug/L	5.6	0.39	1		01/31/23 09:18	74-84-0	
Ethene	**5.6**	ug/L	5.0	0.25	1		01/31/23 09:18	74-85-1	
Methane	**5510**	ug/L	140	28.8	50		01/31/23 12:21	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**52.0**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 06:42	7439-89-6	
Manganese	**0.17**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 06:42	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.068**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 13:21	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 13:21	7440-47-3	
Iron, Dissolved	**63.7**	mg/L	0.25	0.058	1	01/30/23 05:45	02/03/23 13:21	7439-89-6	CR
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 13:21	7439-92-1	
Manganese, Dissolved	**0.20**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 05:24	7439-96-5	D9
Nickel, Dissolved	**0.0014**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 13:21	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.4**	ug/L	1.0	0.30	1		01/27/23 20:58	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 20:58	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:58	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 20:58	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:58	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:58	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:58	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 20:58	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 20:58	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:58	108-90-7	
Chloroethane	**5.8**	ug/L	5.0	1.4	1		01/27/23 20:58	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:58	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 20:58	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:58	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 20:58	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 20:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 20:58	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 20:58	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:58	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:58	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 20:58	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 20:58	75-71-8	
1,1-Dichloroethane	**1.4**	ug/L	1.0	0.30	1		01/27/23 20:58	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2107 **Lab ID: 40257568032** Collected: 01/24/23 14:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:58	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 20:58	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 20:58	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 20:58	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:58	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:58	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 20:58	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:58	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:58	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 20:58	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:58	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:58	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 20:58	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:58	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:58	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 20:58	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:58	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:58	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:58	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:58	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 20:58	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:58	127-18-4	
Toluene	**0.30J**	ug/L	1.0	0.29	1		01/27/23 20:58	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:58	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 20:58	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:58	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 20:58	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 20:58	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:58	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 20:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:58	108-67-8	
Vinyl chloride	**0.18J**	ug/L	1.0	0.17	1		01/27/23 20:58	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 20:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/27/23 20:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 20:58	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/27/23 20:58	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		01/27/23 13:27		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2107 **Lab ID: 40257568032** Collected: 01/24/23 14:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**23.3**	mg/L	20.0	4.3	10		01/30/23 22:11	16887-00-6	
Sulfate	**2200**	mg/L	200	44.4	100		01/31/23 14:11	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**185**	mg/L	50.0	14.9	2		02/06/23 10:45		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**132**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**33.3**	mg/L	7.5	2.1	15		02/01/23 20:23	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2107 **Lab ID: 40257568033** Collected: 01/24/23 15:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**0.53J**	ug/L	5.6	0.39	1		01/31/23 12:07	74-84-0	
Ethene	**3.0J**	ug/L	5.0	0.25	1		01/31/23 12:07	74-85-1	
Methane	**15.1**	ug/L	2.8	0.58	1		01/31/23 12:07	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.43**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 06:50	7439-89-6	
Manganese	**0.048**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 06:50	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	01/30/23 05:45	02/03/23 13:28	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 13:28	7440-47-3	
Iron, Dissolved	**0.49**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 05:31	7439-89-6	D9
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 13:28	7439-92-1	
Manganese, Dissolved	**0.079**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 05:31	7439-96-5	CR
Nickel, Dissolved	**0.0050**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 13:28	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<3.0**	ug/L	10.0	3.0	10		01/27/23 22:00	71-43-2	
Bromobenzene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 22:00	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		01/27/23 22:00	74-97-5	
Bromodichloromethane	**<4.2**	ug/L	10.0	4.2	10		01/27/23 22:00	75-27-4	
Bromoform	**<38.0**	ug/L	50.0	38.0	10		01/27/23 22:00	75-25-2	
Bromomethane	**<11.9**	ug/L	50.0	11.9	10		01/27/23 22:00	74-83-9	
n-Butylbenzene	**<8.6**	ug/L	10.0	8.6	10		01/27/23 22:00	104-51-8	
sec-Butylbenzene	**<4.2**	ug/L	10.0	4.2	10		01/27/23 22:00	135-98-8	
tert-Butylbenzene	**<5.9**	ug/L	10.0	5.9	10		01/27/23 22:00	98-06-6	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10		01/27/23 22:00	56-23-5	
Chlorobenzene	**<8.6**	ug/L	10.0	8.6	10		01/27/23 22:00	108-90-7	
Chloroethane	**<13.8**	ug/L	50.0	13.8	10		01/27/23 22:00	75-00-3	
Chloroform	**<11.8**	ug/L	50.0	11.8	10		01/27/23 22:00	67-66-3	
Chloromethane	**<16.4**	ug/L	50.0	16.4	10		01/27/23 22:00	74-87-3	
2-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/27/23 22:00	95-49-8	
4-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/27/23 22:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<23.7**	ug/L	50.0	23.7	10		01/27/23 22:00	96-12-8	
Dibromochloromethane	**<26.4**	ug/L	50.0	26.4	10		01/27/23 22:00	124-48-1	
1,2-Dibromoethane (EDB)	**<3.1**	ug/L	10.0	3.1	10		01/27/23 22:00	106-93-4	
Dibromomethane	**<9.9**	ug/L	50.0	9.9	10		01/27/23 22:00	74-95-3	
1,2-Dichlorobenzene	**<3.3**	ug/L	10.0	3.3	10		01/27/23 22:00	95-50-1	
1,3-Dichlorobenzene	**<3.5**	ug/L	10.0	3.5	10		01/27/23 22:00	541-73-1	
1,4-Dichlorobenzene	**<8.9**	ug/L	10.0	8.9	10		01/27/23 22:00	106-46-7	
Dichlorodifluoromethane	**<4.6**	ug/L	50.0	4.6	10		01/27/23 22:00	75-71-8	
1,1-Dichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/27/23 22:00	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2107 **Lab ID: 40257568033** Collected: 01/24/23 15:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<2.9**	ug/L	10.0	2.9	10		01/27/23 22:00	107-06-2	
1,1-Dichloroethene	**<5.8**	ug/L	10.0	5.8	10		01/27/23 22:00	75-35-4	
cis-1,2-Dichloroethene	**543**	ug/L	10.0	4.7	10		01/27/23 22:00	156-59-2	
trans-1,2-Dichloroethene	**<5.3**	ug/L	10.0	5.3	10		01/27/23 22:00	156-60-5	
1,2-Dichloropropane	**<4.5**	ug/L	10.0	4.5	10		01/27/23 22:00	78-87-5	
1,3-Dichloropropane	**<3.0**	ug/L	10.0	3.0	10		01/27/23 22:00	142-28-9	
2,2-Dichloropropane	**<41.8**	ug/L	50.0	41.8	10		01/27/23 22:00	594-20-7	
1,1-Dichloropropene	**<4.1**	ug/L	10.0	4.1	10		01/27/23 22:00	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 22:00	10061-01-5	
trans-1,3-Dichloropropene	**<34.6**	ug/L	50.0	34.6	10		01/27/23 22:00	10061-02-6	
Diisopropyl ether	**<11.0**	ug/L	50.0	11.0	10		01/27/23 22:00	108-20-3	
Ethylbenzene	**<3.3**	ug/L	10.0	3.3	10		01/27/23 22:00	100-41-4	
Hexachloro-1,3-butadiene	**<27.4**	ug/L	50.0	27.4	10		01/27/23 22:00	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	50.0	10.0	10		01/27/23 22:00	98-82-8	
p-Isopropyltoluene	**<10.4**	ug/L	50.0	10.4	10		01/27/23 22:00	99-87-6	
Methylene Chloride	**<3.2**	ug/L	50.0	3.2	10		01/27/23 22:00	75-09-2	
Methyl-tert-butyl ether	**<11.3**	ug/L	50.0	11.3	10		01/27/23 22:00	1634-04-4	
Naphthalene	**<11.3**	ug/L	50.0	11.3	10		01/27/23 22:00	91-20-3	
n-Propylbenzene	**<3.5**	ug/L	10.0	3.5	10		01/27/23 22:00	103-65-1	
Styrene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 22:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	10.0	3.6	10		01/27/23 22:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<3.8**	ug/L	10.0	3.8	10		01/27/23 22:00	79-34-5	
Tetrachloroethene	**<4.1**	ug/L	10.0	4.1	10		01/27/23 22:00	127-18-4	
Toluene	**<2.9**	ug/L	10.0	2.9	10		01/27/23 22:00	108-88-3	
1,2,3-Trichlorobenzene	**<10.2**	ug/L	50.0	10.2	10		01/27/23 22:00	87-61-6	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		01/27/23 22:00	120-82-1	
1,1,1-Trichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/27/23 22:00	71-55-6	
1,1,2-Trichloroethane	**<3.4**	ug/L	50.0	3.4	10		01/27/23 22:00	79-00-5	
Trichloroethene	**<3.2**	ug/L	10.0	3.2	10		01/27/23 22:00	79-01-6	
Trichlorofluoromethane	**<4.2**	ug/L	10.0	4.2	10		01/27/23 22:00	75-69-4	
1,2,3-Trichloropropane	**<5.6**	ug/L	50.0	5.6	10		01/27/23 22:00	96-18-4	
1,2,4-Trimethylbenzene	**<4.5**	ug/L	10.0	4.5	10		01/27/23 22:00	95-63-6	
1,3,5-Trimethylbenzene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 22:00	108-67-8	
Vinyl chloride	**94.7**	ug/L	10.0	1.7	10		01/27/23 22:00	75-01-4	
Xylene (Total)	**<10.5**	ug/L	30.0	10.5	10		01/27/23 22:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		10		01/27/23 22:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		10		01/27/23 22:00	2199-69-1	
Toluene-d8 (S)	103	%	70-130		10		01/27/23 22:00	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		01/27/23 13:29		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2107 **Lab ID: 40257568033** Collected: 01/24/23 15:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**406**	mg/L	20.0	4.3	10		01/30/23 22:26	16887-00-6	
Sulfate	**260**	mg/L	20.0	4.4	10		01/30/23 22:26	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**323**	mg/L	25.0	7.4	1		02/06/23 10:46		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**41.1J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**6.4**	mg/L	3.0	0.83	6		02/01/23 21:08	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-82 **Lab ID: 40257568034** Collected: 01/24/23 14:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**20.8**	ug/L	5.6	0.39	1		01/31/23 09:32	74-84-0	
Ethene	**4.6J**	ug/L	5.0	0.25	1		01/31/23 09:32	74-85-1	
Methane	**5360**	ug/L	140	28.8	50		01/31/23 12:28	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4.2**	mg/L	0.50	0.12	2	01/30/23 06:22	02/07/23 06:08	7439-89-6	
Manganese	**0.11**	mg/L	0.0081	0.0024	2	01/30/23 06:22	02/07/23 06:08	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:16	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:16	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 20:16	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:16	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 20:16	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:16	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:16	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:16	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 20:16	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 20:16	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:16	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 20:16	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:16	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 20:16	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:16	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 20:16	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 20:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 20:16	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 20:16	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:16	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:16	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 20:16	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 20:16	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:16	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:16	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 20:16	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 20:16	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 20:16	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:16	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:16	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 20:16	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:16	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:16	10061-01-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-82 **Lab ID: 40257568034** Collected: 01/24/23 14:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 20:16	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:16	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:16	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 20:16	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:16	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:16	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 20:16	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:16	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:16	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:16	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:16	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 20:16	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:16	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:16	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:16	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 20:16	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:16	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 20:16	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 20:16	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:16	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 20:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:16	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 20:16	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 20:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 20:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/27/23 20:16	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/27/23 20:16	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		01/27/23 13:33		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4								
	Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**232**	mg/L	200	58.9	1	02/06/23 06:00	02/06/23 08:33		
5310C TOC	Analytical Method: SM 5310C								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.3**	mg/L	0.50	0.14	1		02/01/23 21:44	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-82D **Lab ID: 40257568035** Collected: 01/24/23 14:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**24.5**	ug/L	5.6	0.39	1		01/31/23 09:38	74-84-0	
Ethene	**5.4**	ug/L	5.0	0.25	1		01/31/23 09:38	74-85-1	
Methane	**7750**	ug/L	140	28.8	50		01/31/23 12:35	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4.6**	mg/L	0.50	0.12	2	01/30/23 06:22	02/07/23 06:52	7439-89-6	
Manganese	**0.12**	mg/L	0.0081	0.0024	2	01/30/23 06:22	02/07/23 06:52	7439-96-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:37	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 20:37	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:37	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 20:37	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:37	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:37	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:37	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 20:37	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 20:37	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 20:37	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 20:37	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 20:37	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 20:37	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:37	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 20:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 20:37	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 20:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 20:37	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 20:37	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:37	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:37	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 20:37	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 20:37	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:37	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:37	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 20:37	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 20:37	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 20:37	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:37	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:37	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 20:37	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:37	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:37	10061-01-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-82D **Lab ID: 40257568035** Collected: 01/24/23 14:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 20:37	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:37	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 20:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 20:37	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:37	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:37	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 20:37	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:37	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 20:37	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 20:37	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 20:37	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 20:37	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 20:37	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 20:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 20:37	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 20:37	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 20:37	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 20:37	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 20:37	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 20:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 20:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 20:37	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 20:37	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 20:37	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/27/23 20:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/27/23 20:37	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/27/23 20:37	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/27/23 13:35		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**623**	mg/L	500	147	1	02/06/23 06:00	02/06/23 08:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.2**	mg/L	0.50	0.14	1		02/01/23 22:02	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-79 **Lab ID: 40257568036** Collected: 01/25/23 07:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:10	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:10	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:10	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:10	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:10	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:10	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:10	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:10	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:10	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:10	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:10	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:10	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:10	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:10	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:10	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:10	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:10	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:10	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:10	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:10	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:10	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:10	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:10	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:10	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:10	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:10	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:10	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 17:10	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:10	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:10	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:10	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:10	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:10	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:10	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:10	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:10	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:10	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:10	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:10	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:10	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:10	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:10	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:10	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:10	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:10	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-79 **Lab ID: 40257568036** Collected: 01/25/23 07:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:10	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:10	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:10	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:10	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:10	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:10	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:10	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 17:10	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:10	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:10	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:10	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:10	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:10	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/27/23 17:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 17:10	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/27/23 17:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-80 **Lab ID: 40257568037** Collected: 01/25/23 08:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:31	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:31	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 17:31	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:31	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 17:31	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:31	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:31	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:31	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 17:31	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 17:31	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 17:31	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 17:31	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 17:31	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 17:31	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:31	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 17:31	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 17:31	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 17:31	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 17:31	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 17:31	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:31	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:31	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 17:31	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 17:31	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:31	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:31	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 17:31	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 17:31	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 17:31	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:31	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:31	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 17:31	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:31	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:31	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 17:31	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:31	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 17:31	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 17:31	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:31	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:31	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 17:31	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:31	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 17:31	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 17:31	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:31	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-80 **Lab ID: 40257568037** Collected: 01/25/23 08:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:31	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 17:31	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 17:31	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 17:31	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 17:31	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 17:31	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 17:31	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 17:31	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 17:31	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 17:31	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 17:31	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 17:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 17:31	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 17:31	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 17:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/27/23 17:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 17:31	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/27/23 17:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-81 **Lab ID: 40257568038** Collected: 01/25/23 08:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:54	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:54	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 14:54	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:54	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 14:54	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 14:54	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 14:54	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:54	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 14:54	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 14:54	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 14:54	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 14:54	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 14:54	67-66-3	L1,M0
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 14:54	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 14:54	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 14:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 14:54	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 14:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 14:54	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 14:54	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 14:54	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 14:54	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 14:54	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 14:54	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:54	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 14:54	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 14:54	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 14:54	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 14:54	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 14:54	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:54	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 14:54	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 14:54	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:54	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 14:54	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:54	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 14:54	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 14:54	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:54	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:54	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 14:54	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:54	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:54	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 14:54	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:54	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-81 **Lab ID: 40257568038** Collected: 01/25/23 08:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 14:54	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 14:54	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 14:54	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:54	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 14:54	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:54	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 14:54	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 14:54	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:54	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 14:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 14:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:54	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 14:54	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 14:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/27/23 14:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/27/23 14:54	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		01/27/23 14:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2101 **Lab ID: 40257568039** Collected: 01/25/23 09:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**93.6**	ug/L	5.6	0.39	1		01/31/23 09:45	74-84-0	
Ethene	**364**	ug/L	5.0	0.25	1		01/31/23 09:45	74-85-1	
Methane	**7980**	ug/L	280	57.6	100		01/31/23 12:42	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**22.8**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 07:41	7439-89-6	
Manganese	**0.024**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 07:41	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.076**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 13:36	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 13:36	7440-47-3	
Iron, Dissolved	**21.6**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 05:39	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 13:36	7439-92-1	
Manganese, Dissolved	**0.026**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 05:39	7439-96-5	D9
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 13:36	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.73J**	ug/L	1.0	0.30	1		01/27/23 15:53	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:53	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 15:53	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:53	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 15:53	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 15:53	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 15:53	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:53	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 15:53	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 15:53	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 15:53	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 15:53	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 15:53	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 15:53	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 15:53	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 15:53	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 15:53	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 15:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 15:53	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 15:53	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 15:53	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 15:53	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 15:53	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 15:53	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:53	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2101 **Lab ID: 40257568039** Collected: 01/25/23 09:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 15:53	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 15:53	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 15:53	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 15:53	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 15:53	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:53	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 15:53	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 15:53	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:53	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 15:53	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:53	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 15:53	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 15:53	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:53	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:53	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 15:53	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:53	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:53	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 15:53	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 15:53	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 15:53	127-18-4	
Toluene	**0.38J**	ug/L	1.0	0.29	1		01/27/23 15:53	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:53	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 15:53	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:53	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 15:53	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 15:53	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:53	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 15:53	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 15:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:53	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 15:53	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 15:53	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		01/27/23 15:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/27/23 15:53	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		01/27/23 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		01/30/23 11:55		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2101 **Lab ID: 40257568039** Collected: 01/25/23 09:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**58.1**	mg/L	20.0	4.3	10		01/30/23 23:25	16887-00-6	
Sulfate	**<4.4**	mg/L	20.0	4.4	10		01/30/23 23:25	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**493**	mg/L	50.0	14.9	2		02/06/23 10:47		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**781**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**286**	mg/L	15.0	4.2	30		02/01/23 22:20	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2102 **Lab ID: 40257568040** Collected: 01/25/23 09:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		01/31/23 09:52	74-84-0	
Ethene	**13.1**	ug/L	5.0	0.25	1		01/31/23 09:52	74-85-1	
Methane	**6720**	ug/L	140	28.8	50		01/31/23 12:49	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7.3**	mg/L	0.25	0.058	1	01/30/23 05:59	02/01/23 07:49	7439-89-6	
Manganese	**0.63**	mg/L	0.0040	0.0012	1	01/30/23 05:59	02/01/23 07:49	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.027**	mg/L	0.0023	0.00070	1	01/30/23 05:45	02/03/23 14:32	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 05:45	02/03/23 14:32	7440-47-3	
Iron, Dissolved	**6.8**	mg/L	0.25	0.058	1	01/30/23 05:45	02/07/23 05:46	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 05:45	02/03/23 14:32	7439-92-1	
Manganese, Dissolved	**0.71**	mg/L	0.0040	0.0012	1	01/30/23 05:45	02/07/23 05:46	7439-96-5	D9
Nickel, Dissolved	**0.0021**	mg/L	0.0010	0.00028	1	01/30/23 05:45	02/03/23 14:32	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/30/23 12:38	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/30/23 12:38	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/23 12:38	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/30/23 12:38	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/30/23 12:38	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/23 12:38	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/30/23 12:38	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/30/23 12:38	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/30/23 12:38	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/23 12:38	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/30/23 12:38	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/30/23 12:38	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/30/23 12:38	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/23 12:38	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/23 12:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/30/23 12:38	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/30/23 12:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/30/23 12:38	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/30/23 12:38	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/23 12:38	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/23 12:38	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/30/23 12:38	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/30/23 12:38	75-71-8	
1,1-Dichloroethane	**0.30J**	ug/L	1.0	0.30	1		01/30/23 12:38	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2102 **Lab ID: 40257568040** Collected: 01/25/23 09:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/30/23 12:38	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/30/23 12:38	75-35-4	
cis-1,2-Dichloroethene	**10.9**	ug/L	1.0	0.47	1		01/30/23 12:38	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/30/23 12:38	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/30/23 12:38	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 12:38	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/30/23 12:38	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/30/23 12:38	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:38	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/30/23 12:38	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/23 12:38	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/23 12:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/30/23 12:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/30/23 12:38	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/30/23 12:38	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/30/23 12:38	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/23 12:38	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/30/23 12:38	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/23 12:38	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/30/23 12:38	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/30/23 12:38	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/30/23 12:38	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/30/23 12:38	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/30/23 12:38	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 12:38	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/30/23 12:38	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/30/23 12:38	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/23 12:38	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/30/23 12:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/30/23 12:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:38	108-67-8	
Vinyl chloride	**11.8**	ug/L	1.0	0.17	1		01/30/23 12:38	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/30/23 12:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		01/30/23 12:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		01/30/23 12:38	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		01/30/23 12:38	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**1.4J**	mg/L	4.0	1.2	1		01/30/23 12:55		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2102 **Lab ID: 40257568040** Collected: 01/25/23 09:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**83.1**	mg/L	20.0	4.3	10		01/30/23 23:40	16887-00-6	
Sulfate	**690**	mg/L	100	22.2	50		01/31/23 14:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**812**	mg/L	125	37.2	5		02/06/23 10:48		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**560**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**211**	mg/L	30.0	8.3	60		02/01/23 22:34	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2111 **Lab ID: 40257568041** Collected: 01/25/23 10:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**526**	ug/L	5.6	0.39	1		01/31/23 09:59	74-84-0	
Ethene	**523**	ug/L	50.0	2.5	10		01/31/23 12:55	74-85-1	
Methane	**981**	ug/L	28.0	5.8	10		01/31/23 12:55	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**423**	mg/L	1.2	0.29	5	01/30/23 06:22	02/07/23 07:07	7439-89-6	
Manganese	**0.60**	mg/L	0.020	0.0061	5	01/30/23 06:22	02/07/23 07:07	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.070**	mg/L	0.012	0.0035	5	01/30/23 06:19	02/03/23 03:10	7440-39-3	
Chromium, Dissolved	**<0.0051**	mg/L	0.017	0.0051	5	01/30/23 06:19	02/03/23 03:10	7440-47-3	D3
Iron, Dissolved	**406**	mg/L	1.2	0.29	5	01/30/23 06:19	02/03/23 03:10	7439-89-6	
Lead, Dissolved	**<0.0012**	mg/L	0.0050	0.0012	5	01/30/23 06:19	02/03/23 03:10	7439-92-1	D3
Manganese, Dissolved	**0.56**	mg/L	0.020	0.0061	5	01/30/23 06:19	02/03/23 03:10	7439-96-5	
Nickel, Dissolved	**<0.0014**	mg/L	0.0050	0.0014	5	01/30/23 06:19	02/03/23 03:10	7440-02-0	D3
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.6J**	ug/L	5.0	1.5	5		01/27/23 19:47	71-43-2	
Bromobenzene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	108-86-1	
Bromochloromethane	**<1.8**	ug/L	25.0	1.8	5		01/27/23 19:47	74-97-5	
Bromodichloromethane	**<2.1**	ug/L	5.0	2.1	5		01/27/23 19:47	75-27-4	
Bromoform	**<19.0**	ug/L	25.0	19.0	5		01/27/23 19:47	75-25-2	
Bromomethane	**<6.0**	ug/L	25.0	6.0	5		01/27/23 19:47	74-83-9	
n-Butylbenzene	**<4.3**	ug/L	5.0	4.3	5		01/27/23 19:47	104-51-8	
sec-Butylbenzene	**<2.1**	ug/L	5.0	2.1	5		01/27/23 19:47	135-98-8	
tert-Butylbenzene	**<2.9**	ug/L	5.0	2.9	5		01/27/23 19:47	98-06-6	
Carbon tetrachloride	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	56-23-5	
Chlorobenzene	**<4.3**	ug/L	5.0	4.3	5		01/27/23 19:47	108-90-7	
Chloroethane	**<6.9**	ug/L	25.0	6.9	5		01/27/23 19:47	75-00-3	
Chloroform	**<5.9**	ug/L	25.0	5.9	5		01/27/23 19:47	67-66-3	L1
Chloromethane	**<8.2**	ug/L	25.0	8.2	5		01/27/23 19:47	74-87-3	
2-Chlorotoluene	**<4.4**	ug/L	25.0	4.4	5		01/27/23 19:47	95-49-8	
4-Chlorotoluene	**<4.5**	ug/L	25.0	4.5	5		01/27/23 19:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<11.8**	ug/L	25.0	11.8	5		01/27/23 19:47	96-12-8	
Dibromochloromethane	**<13.2**	ug/L	25.0	13.2	5		01/27/23 19:47	124-48-1	
1,2-Dibromoethane (EDB)	**<1.5**	ug/L	5.0	1.5	5		01/27/23 19:47	106-93-4	
Dibromomethane	**<5.0**	ug/L	25.0	5.0	5		01/27/23 19:47	74-95-3	
1,2-Dichlorobenzene	**<1.6**	ug/L	5.0	1.6	5		01/27/23 19:47	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	541-73-1	
1,4-Dichlorobenzene	**<4.5**	ug/L	5.0	4.5	5		01/27/23 19:47	106-46-7	
Dichlorodifluoromethane	**<2.3**	ug/L	25.0	2.3	5		01/27/23 19:47	75-71-8	
1,1-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 19:47	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2111 **Lab ID: 40257568041** Collected: 01/25/23 10:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 19:47	107-06-2	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		01/27/23 19:47	75-35-4	
cis-1,2-Dichloroethene	**2070**	ug/L	25.0	11.8	25		01/30/23 13:37	156-59-2	
trans-1,2-Dichloroethene	**2.7J**	ug/L	5.0	2.6	5		01/27/23 19:47	156-60-5	
1,2-Dichloropropane	**<2.2**	ug/L	5.0	2.2	5		01/27/23 19:47	78-87-5	
1,3-Dichloropropane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 19:47	142-28-9	
2,2-Dichloropropane	**<20.9**	ug/L	25.0	20.9	5		01/27/23 19:47	594-20-7	
1,1-Dichloropropene	**<2.1**	ug/L	5.0	2.1	5		01/27/23 19:47	563-58-6	
cis-1,3-Dichloropropene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	10061-01-5	
trans-1,3-Dichloropropene	**<17.3**	ug/L	25.0	17.3	5		01/27/23 19:47	10061-02-6	
Diisopropyl ether	**<5.5**	ug/L	25.0	5.5	5		01/27/23 19:47	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.0	1.6	5		01/27/23 19:47	100-41-4	
Hexachloro-1,3-butadiene	**<13.7**	ug/L	25.0	13.7	5		01/27/23 19:47	87-68-3	
Isopropylbenzene (Cumene)	**<5.0**	ug/L	25.0	5.0	5		01/27/23 19:47	98-82-8	
p-Isopropyltoluene	**<5.2**	ug/L	25.0	5.2	5		01/27/23 19:47	99-87-6	
Methylene Chloride	**<1.6**	ug/L	25.0	1.6	5		01/27/23 19:47	75-09-2	
Methyl-tert-butyl ether	**<5.6**	ug/L	25.0	5.6	5		01/27/23 19:47	1634-04-4	
Naphthalene	**<5.6**	ug/L	25.0	5.6	5		01/27/23 19:47	91-20-3	
n-Propylbenzene	**<1.7**	ug/L	5.0	1.7	5		01/27/23 19:47	103-65-1	
Styrene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.9**	ug/L	5.0	1.9	5		01/27/23 19:47	79-34-5	
Tetrachloroethene	**<2.0**	ug/L	5.0	2.0	5		01/27/23 19:47	127-18-4	
Toluene	**<1.4**	ug/L	5.0	1.4	5		01/27/23 19:47	108-88-3	
1,2,3-Trichlorobenzene	**<5.1**	ug/L	25.0	5.1	5		01/27/23 19:47	87-61-6	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		01/27/23 19:47	120-82-1	
1,1,1-Trichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/27/23 19:47	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	25.0	1.7	5		01/27/23 19:47	79-00-5	
Trichloroethene	**<1.6**	ug/L	5.0	1.6	5		01/27/23 19:47	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	5.0	2.1	5		01/27/23 19:47	75-69-4	
1,2,3-Trichloropropane	**<2.8**	ug/L	25.0	2.8	5		01/27/23 19:47	96-18-4	
1,2,4-Trimethylbenzene	**<2.2**	ug/L	5.0	2.2	5		01/27/23 19:47	95-63-6	
1,3,5-Trimethylbenzene	**<1.8**	ug/L	5.0	1.8	5		01/27/23 19:47	108-67-8	
Vinyl chloride	**411**	ug/L	5.0	0.87	5		01/27/23 19:47	75-01-4	
Xylene (Total)	**<5.2**	ug/L	15.0	5.2	5		01/27/23 19:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		5		01/27/23 19:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		5		01/27/23 19:47	2199-69-1	
Toluene-d8 (S)	93	%	70-130		5		01/27/23 19:47	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**2.8J**	mg/L	4.0	1.2	1		01/30/23 12:56		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2111 **Lab ID: 40257568041** Collected: 01/25/23 10:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**150**	mg/L	20.0	4.3	10		01/31/23 13:25	16887-00-6	M0
Sulfate	**20.3**	mg/L	20.0	4.4	10		01/31/23 13:25	14808-79-8	M0
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**1360**	mg/L	125	37.2	5		02/06/23 10:53		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**1870**	mg/L	500	147	1	02/06/23 06:00	02/06/23 08:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**979**	mg/L	150	41.5	300		02/01/23 22:48	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2111 **Lab ID: 40257568042** Collected: 01/25/23 10:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**41.0**	ug/L	5.6	0.39	1		01/31/23 10:06	74-84-0	pH
Ethene	**61.2**	ug/L	5.0	0.25	1		01/31/23 10:06	74-85-1	pH
Methane	**8240**	ug/L	280	57.6	100		01/31/23 13:02	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**149**	mg/L	1.2	0.29	5	01/30/23 06:22	02/07/23 07:14	7439-89-6	
Manganese	**0.92**	mg/L	0.020	0.0061	5	01/30/23 06:22	02/07/23 07:14	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**2.5**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 15:01	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 03:24	7440-47-3	
Iron, Dissolved	**143**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 03:24	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 03:24	7439-92-1	
Manganese, Dissolved	**0.94**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 03:24	7439-96-5	D9
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 03:24	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.47J**	ug/L	1.0	0.30	1		01/30/23 12:58	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/30/23 12:58	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/23 12:58	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/30/23 12:58	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/30/23 12:58	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/23 12:58	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/30/23 12:58	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/30/23 12:58	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/30/23 12:58	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/23 12:58	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/30/23 12:58	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/30/23 12:58	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/30/23 12:58	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/23 12:58	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/23 12:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/30/23 12:58	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/30/23 12:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/30/23 12:58	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/30/23 12:58	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/23 12:58	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/23 12:58	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/30/23 12:58	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/30/23 12:58	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 12:58	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2111 **Lab ID: 40257568042** Collected: 01/25/23 10:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/30/23 12:58	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/30/23 12:58	75-35-4	
cis-1,2-Dichloroethene	**12.6**	ug/L	1.0	0.47	1		01/30/23 12:58	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/30/23 12:58	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/30/23 12:58	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 12:58	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/30/23 12:58	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/30/23 12:58	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:58	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/30/23 12:58	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/23 12:58	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/23 12:58	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/30/23 12:58	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/30/23 12:58	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/30/23 12:58	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/30/23 12:58	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/23 12:58	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/30/23 12:58	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/23 12:58	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:58	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/30/23 12:58	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/30/23 12:58	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/30/23 12:58	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/30/23 12:58	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/30/23 12:58	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 12:58	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/30/23 12:58	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/30/23 12:58	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/23 12:58	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/30/23 12:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/30/23 12:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 12:58	108-67-8	
Vinyl chloride	**1.8**	ug/L	1.0	0.17	1		01/30/23 12:58	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/30/23 12:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/30/23 12:58	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		01/30/23 12:58	2199-69-1	
Toluene-d8 (S)	92	%	70-130		1		01/30/23 12:58	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		01/30/23 12:59		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2111 **Lab ID: 40257568042** Collected: 01/25/23 10:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**81.3**	mg/L	20.0	4.3	10		01/31/23 14:04	16887-00-6	
Sulfate	**<4.4**	mg/L	20.0	4.4	10		01/31/23 14:04	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**3850**	mg/L	250	74.4	10		02/06/23 10:54		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**1750**	mg/L	500	147	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2870**	mg/L	150	41.5	300		02/01/23 23:02	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-82 **Lab ID: 40257568043** Collected: 01/25/23 09:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<3.0**	ug/L	10.0	3.0	10		01/30/23 15:33	71-43-2	
Bromobenzene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 15:33	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		01/30/23 15:33	74-97-5	
Bromodichloromethane	**<4.2**	ug/L	10.0	4.2	10		01/30/23 15:33	75-27-4	
Bromoform	**<38.0**	ug/L	50.0	38.0	10		01/30/23 15:33	75-25-2	
Bromomethane	**<11.9**	ug/L	50.0	11.9	10		01/30/23 15:33	74-83-9	
n-Butylbenzene	**<8.6**	ug/L	10.0	8.6	10		01/30/23 15:33	104-51-8	
sec-Butylbenzene	**<4.2**	ug/L	10.0	4.2	10		01/30/23 15:33	135-98-8	
tert-Butylbenzene	**<5.9**	ug/L	10.0	5.9	10		01/30/23 15:33	98-06-6	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10		01/30/23 15:33	56-23-5	
Chlorobenzene	**<8.6**	ug/L	10.0	8.6	10		01/30/23 15:33	108-90-7	
Chloroethane	**<13.8**	ug/L	50.0	13.8	10		01/30/23 15:33	75-00-3	
Chloroform	**<11.8**	ug/L	50.0	11.8	10		01/30/23 15:33	67-66-3	L1
Chloromethane	**<16.4**	ug/L	50.0	16.4	10		01/30/23 15:33	74-87-3	
2-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/30/23 15:33	95-49-8	
4-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/30/23 15:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<23.7**	ug/L	50.0	23.7	10		01/30/23 15:33	96-12-8	
Dibromochloromethane	**<26.4**	ug/L	50.0	26.4	10		01/30/23 15:33	124-48-1	
1,2-Dibromoethane (EDB)	**<3.1**	ug/L	10.0	3.1	10		01/30/23 15:33	106-93-4	
Dibromomethane	**<9.9**	ug/L	50.0	9.9	10		01/30/23 15:33	74-95-3	
1,2-Dichlorobenzene	**<3.3**	ug/L	10.0	3.3	10		01/30/23 15:33	95-50-1	
1,3-Dichlorobenzene	**<3.5**	ug/L	10.0	3.5	10		01/30/23 15:33	541-73-1	
1,4-Dichlorobenzene	**<8.9**	ug/L	10.0	8.9	10		01/30/23 15:33	106-46-7	
Dichlorodifluoromethane	**<4.6**	ug/L	50.0	4.6	10		01/30/23 15:33	75-71-8	
1,1-Dichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/30/23 15:33	75-34-3	
1,2-Dichloroethane	**<2.9**	ug/L	10.0	2.9	10		01/30/23 15:33	107-06-2	
1,1-Dichloroethene	**<5.8**	ug/L	10.0	5.8	10		01/30/23 15:33	75-35-4	
cis-1,2-Dichloroethene	**<4.7**	ug/L	10.0	4.7	10		01/30/23 15:33	156-59-2	
trans-1,2-Dichloroethene	**<5.3**	ug/L	10.0	5.3	10		01/30/23 15:33	156-60-5	
1,2-Dichloropropane	**<4.5**	ug/L	10.0	4.5	10		01/30/23 15:33	78-87-5	
1,3-Dichloropropane	**<3.0**	ug/L	10.0	3.0	10		01/30/23 15:33	142-28-9	
2,2-Dichloropropane	**<41.8**	ug/L	50.0	41.8	10		01/30/23 15:33	594-20-7	
1,1-Dichloropropene	**<4.1**	ug/L	10.0	4.1	10		01/30/23 15:33	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 15:33	10061-01-5	
trans-1,3-Dichloropropene	**<34.6**	ug/L	50.0	34.6	10		01/30/23 15:33	10061-02-6	
Diisopropyl ether	**<11.0**	ug/L	50.0	11.0	10		01/30/23 15:33	108-20-3	
Ethylbenzene	**<3.3**	ug/L	10.0	3.3	10		01/30/23 15:33	100-41-4	
Hexachloro-1,3-butadiene	**<27.4**	ug/L	50.0	27.4	10		01/30/23 15:33	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	50.0	10.0	10		01/30/23 15:33	98-82-8	
p-Isopropyltoluene	**<10.4**	ug/L	50.0	10.4	10		01/30/23 15:33	99-87-6	
Methylene Chloride	**<3.2**	ug/L	50.0	3.2	10		01/30/23 15:33	75-09-2	
Methyl-tert-butyl ether	**<11.3**	ug/L	50.0	11.3	10		01/30/23 15:33	1634-04-4	
Naphthalene	**<11.3**	ug/L	50.0	11.3	10		01/30/23 15:33	91-20-3	
n-Propylbenzene	**<3.5**	ug/L	10.0	3.5	10		01/30/23 15:33	103-65-1	
Styrene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 15:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-82 **Lab ID: 40257568043** Collected: 01/25/23 09:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	10.0	3.6	10		01/30/23 15:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<3.8**	ug/L	10.0	3.8	10		01/30/23 15:33	79-34-5	
Tetrachloroethene	**<4.1**	ug/L	10.0	4.1	10		01/30/23 15:33	127-18-4	
Toluene	**<2.9**	ug/L	10.0	2.9	10		01/30/23 15:33	108-88-3	
1,2,3-Trichlorobenzene	**<10.2**	ug/L	50.0	10.2	10		01/30/23 15:33	87-61-6	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		01/30/23 15:33	120-82-1	
1,1,1-Trichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/30/23 15:33	71-55-6	
1,1,2-Trichloroethane	**<3.4**	ug/L	50.0	3.4	10		01/30/23 15:33	79-00-5	
Trichloroethene	**<3.2**	ug/L	10.0	3.2	10		01/30/23 15:33	79-01-6	
Trichlorofluoromethane	**<4.2**	ug/L	10.0	4.2	10		01/30/23 15:33	75-69-4	
1,2,3-Trichloropropane	**<5.6**	ug/L	50.0	5.6	10		01/30/23 15:33	96-18-4	
1,2,4-Trimethylbenzene	**<4.5**	ug/L	10.0	4.5	10		01/30/23 15:33	95-63-6	
1,3,5-Trimethylbenzene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 15:33	108-67-8	
Vinyl chloride	**<1.7**	ug/L	10.0	1.7	10		01/30/23 15:33	75-01-4	
Xylene (Total)	**<10.5**	ug/L	30.0	10.5	10		01/30/23 15:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		10		01/30/23 15:33	460-00-4	D3
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		10		01/30/23 15:33	2199-69-1	
Toluene-d8 (S)	93	%	70-130		10		01/30/23 15:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-108 **Lab ID: 40257568044** Collected: 01/25/23 10:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:14	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:14	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 15:14	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:14	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 15:14	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 15:14	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 15:14	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:14	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 15:14	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 15:14	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 15:14	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 15:14	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 15:14	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 15:14	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 15:14	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 15:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 15:14	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 15:14	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 15:14	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 15:14	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 15:14	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 15:14	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 15:14	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 15:14	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:14	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 15:14	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 15:14	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 15:14	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 15:14	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 15:14	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:14	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 15:14	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 15:14	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:14	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 15:14	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:14	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 15:14	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 15:14	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:14	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:14	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 15:14	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:14	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:14	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 15:14	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:14	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-108 **Lab ID: 40257568044** Collected: 01/25/23 10:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:14	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 15:14	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 15:14	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 15:14	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:14	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 15:14	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:14	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 15:14	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 15:14	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:14	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 15:14	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 15:14	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:14	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 15:14	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 15:14	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		01/27/23 15:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 15:14	2199-69-1	
Toluene-d8 (S)	94	%	70-130		1		01/27/23 15:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-44 **Lab ID: 40257568045** Collected: 01/25/23 10:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 15:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:33	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 15:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 15:33	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 15:33	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 15:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 15:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 15:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 15:33	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 15:33	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 15:33	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 15:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 15:33	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 15:33	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 15:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 15:33	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 15:33	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 15:33	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 15:33	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 15:33	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 15:33	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:33	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 15:33	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 15:33	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 15:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 15:33	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 15:33	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:33	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 15:33	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 15:33	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:33	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 15:33	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 15:33	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 15:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:33	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:33	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 15:33	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:33	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 15:33	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 15:33	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:33	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-44 **Lab ID: 40257568045** Collected: 01/25/23 10:40 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 15:33	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 15:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 15:33	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 15:33	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 15:33	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 15:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 15:33	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 15:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 15:33	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 15:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 15:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 15:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 15:33	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 15:33	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/27/23 15:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/27/23 15:33	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		01/27/23 15:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2113 **Lab ID: 40257568046** Collected: 01/25/23 11:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**1.9J**	ug/L	5.6	0.39	1		01/31/23 10:13	74-84-0	
Ethene	**154**	ug/L	5.0	0.25	1		01/31/23 10:13	74-85-1	
Methane	**1080**	ug/L	28.0	5.8	10		01/31/23 13:09	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.7**	mg/L	2.5	0.58	10	01/30/23 06:22	02/07/23 07:22	7439-89-6	
Manganese	**0.075**	mg/L	0.040	0.012	10	01/30/23 06:22	02/07/23 07:22	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.097**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 03:32	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 03:32	7440-47-3	
Iron, Dissolved	**2.2**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 03:32	7439-89-6	
Lead, Dissolved	**0.00025J**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 03:32	7439-92-1	
Manganese, Dissolved	**0.079**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 03:32	7439-96-5	D9
Nickel, Dissolved	**0.018**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 03:32	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<7.4**	ug/L	25.0	7.4	25		01/30/23 11:40	71-43-2	
Bromobenzene	**<9.0**	ug/L	25.0	9.0	25		01/30/23 11:40	108-86-1	
Bromochloromethane	**<8.9**	ug/L	125	8.9	25		01/30/23 11:40	74-97-5	
Bromodichloromethane	**<10.4**	ug/L	25.0	10.4	25		01/30/23 11:40	75-27-4	
Bromoform	**<95.0**	ug/L	125	95.0	25		01/30/23 11:40	75-25-2	
Bromomethane	**<29.8**	ug/L	125	29.8	25		01/30/23 11:40	74-83-9	
n-Butylbenzene	**<21.4**	ug/L	25.0	21.4	25		01/30/23 11:40	104-51-8	
sec-Butylbenzene	**<10.6**	ug/L	25.0	10.6	25		01/30/23 11:40	135-98-8	
tert-Butylbenzene	**<14.7**	ug/L	25.0	14.7	25		01/30/23 11:40	98-06-6	
Carbon tetrachloride	**<9.2**	ug/L	25.0	9.2	25		01/30/23 11:40	56-23-5	
Chlorobenzene	**<21.4**	ug/L	25.0	21.4	25		01/30/23 11:40	108-90-7	
Chloroethane	**<34.5**	ug/L	125	34.5	25		01/30/23 11:40	75-00-3	
Chloroform	**<29.6**	ug/L	125	29.6	25		01/30/23 11:40	67-66-3	L1
Chloromethane	**<40.9**	ug/L	125	40.9	25		01/30/23 11:40	74-87-3	
2-Chlorotoluene	**<22.2**	ug/L	125	22.2	25		01/30/23 11:40	95-49-8	
4-Chlorotoluene	**<22.4**	ug/L	125	22.4	25		01/30/23 11:40	106-43-4	
1,2-Dibromo-3-chloropropane	**<59.2**	ug/L	125	59.2	25		01/30/23 11:40	96-12-8	
Dibromochloromethane	**<66.1**	ug/L	125	66.1	25		01/30/23 11:40	124-48-1	
1,2-Dibromoethane (EDB)	**<7.7**	ug/L	25.0	7.7	25		01/30/23 11:40	106-93-4	
Dibromomethane	**<24.8**	ug/L	125	24.8	25		01/30/23 11:40	74-95-3	
1,2-Dichlorobenzene	**<8.1**	ug/L	25.0	8.1	25		01/30/23 11:40	95-50-1	
1,3-Dichlorobenzene	**<8.8**	ug/L	25.0	8.8	25		01/30/23 11:40	541-73-1	
1,4-Dichlorobenzene	**<22.3**	ug/L	25.0	22.3	25		01/30/23 11:40	106-46-7	
Dichlorodifluoromethane	**<11.4**	ug/L	125	11.4	25		01/30/23 11:40	75-71-8	
1,1-Dichloroethane	**<7.4**	ug/L	25.0	7.4	25		01/30/23 11:40	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2113 **Lab ID: 40257568046** Collected: 01/25/23 11:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<7.3**	ug/L	25.0	7.3	25		01/30/23 11:40	107-06-2	
1,1-Dichloroethene	**<14.6**	ug/L	25.0	14.6	25		01/30/23 11:40	75-35-4	
cis-1,2-Dichloroethene	**376**	ug/L	25.0	11.8	25		01/30/23 11:40	156-59-2	
trans-1,2-Dichloroethene	**31.9**	ug/L	25.0	13.2	25		01/30/23 11:40	156-60-5	
1,2-Dichloropropane	**<11.2**	ug/L	25.0	11.2	25		01/30/23 11:40	78-87-5	
1,3-Dichloropropane	**<7.6**	ug/L	25.0	7.6	25		01/30/23 11:40	142-28-9	
2,2-Dichloropropane	**<104**	ug/L	125	104	25		01/30/23 11:40	594-20-7	
1,1-Dichloropropene	**<10.3**	ug/L	25.0	10.3	25		01/30/23 11:40	563-58-6	
cis-1,3-Dichloropropene	**<9.0**	ug/L	25.0	9.0	25		01/30/23 11:40	10061-01-5	
trans-1,3-Dichloropropene	**<86.6**	ug/L	125	86.6	25		01/30/23 11:40	10061-02-6	
Diisopropyl ether	**<27.5**	ug/L	125	27.5	25		01/30/23 11:40	108-20-3	
Ethylbenzene	**<8.1**	ug/L	25.0	8.1	25		01/30/23 11:40	100-41-4	
Hexachloro-1,3-butadiene	**<68.4**	ug/L	125	68.4	25		01/30/23 11:40	87-68-3	
Isopropylbenzene (Cumene)	**<25.0**	ug/L	125	25.0	25		01/30/23 11:40	98-82-8	
p-Isopropyltoluene	**<26.1**	ug/L	125	26.1	25		01/30/23 11:40	99-87-6	
Methylene Chloride	**<8.0**	ug/L	125	8.0	25		01/30/23 11:40	75-09-2	
Methyl-tert-butyl ether	**<28.2**	ug/L	125	28.2	25		01/30/23 11:40	1634-04-4	
Naphthalene	**<28.2**	ug/L	125	28.2	25		01/30/23 11:40	91-20-3	
n-Propylbenzene	**<8.6**	ug/L	25.0	8.6	25		01/30/23 11:40	103-65-1	
Styrene	**<8.9**	ug/L	25.0	8.9	25		01/30/23 11:40	100-42-5	
1,1,1,2-Tetrachloroethane	**<8.9**	ug/L	25.0	8.9	25		01/30/23 11:40	630-20-6	
1,1,2,2-Tetrachloroethane	**<9.4**	ug/L	25.0	9.4	25		01/30/23 11:40	79-34-5	
Tetrachloroethene	**<10.2**	ug/L	25.0	10.2	25		01/30/23 11:40	127-18-4	
Toluene	**<7.2**	ug/L	25.0	7.2	25		01/30/23 11:40	108-88-3	
1,2,3-Trichlorobenzene	**<25.5**	ug/L	125	25.5	25		01/30/23 11:40	87-61-6	
1,2,4-Trichlorobenzene	**<23.8**	ug/L	125	23.8	25		01/30/23 11:40	120-82-1	
1,1,1-Trichloroethane	**<7.6**	ug/L	25.0	7.6	25		01/30/23 11:40	71-55-6	
1,1,2-Trichloroethane	**<8.6**	ug/L	125	8.6	25		01/30/23 11:40	79-00-5	
Trichloroethene	**<8.0**	ug/L	25.0	8.0	25		01/30/23 11:40	79-01-6	
Trichlorofluoromethane	**<10.5**	ug/L	25.0	10.5	25		01/30/23 11:40	75-69-4	
1,2,3-Trichloropropane	**<13.9**	ug/L	125	13.9	25		01/30/23 11:40	96-18-4	
1,2,4-Trimethylbenzene	**<11.2**	ug/L	25.0	11.2	25		01/30/23 11:40	95-63-6	
1,3,5-Trimethylbenzene	**<8.9**	ug/L	25.0	8.9	25		01/30/23 11:40	108-67-8	
Vinyl chloride	**1710**	ug/L	25.0	4.4	25		01/30/23 11:40	75-01-4	
Xylene (Total)	**<26.2**	ug/L	75.0	26.2	25		01/30/23 11:40	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		25		01/30/23 11:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		25		01/30/23 11:40	2199-69-1	
Toluene-d8 (S)	93	%	70-130		25		01/30/23 11:40	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/30/23 13:00		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2113 **Lab ID: 40257568046** Collected: 01/25/23 11:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**100**	mg/L	20.0	4.3	10		01/31/23 14:17	16887-00-6	
Sulfate	**749**	mg/L	100	22.2	50		02/02/23 02:44	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**553**	mg/L	125	37.2	5		02/06/23 10:58		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**194**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**45.4**	mg/L	15.0	4.2	30		02/01/23 23:16	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2113 **Lab ID: 40257568047** Collected: 01/25/23 11:55 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**309**	ug/L	5.6	0.39	1		01/31/23 10:55	74-84-0	
Ethene	**1290**	ug/L	250	12.6	50		01/31/23 13:32	74-85-1	
Methane	**3900**	ug/L	140	28.8	50		01/31/23 13:32	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**86.6**	mg/L	5.0	1.2	20	01/30/23 06:22	02/07/23 07:29	7439-89-6	
Manganese	**0.37**	mg/L	0.081	0.024	20	01/30/23 06:22	02/07/23 07:29	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	0.0023	0.00070	1	01/30/23 06:19	02/03/23 15:08	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 03:39	7440-47-3	
Iron, Dissolved	**94.0**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 03:39	7439-89-6	D9
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 03:39	7439-92-1	
Manganese, Dissolved	**0.39**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 03:39	7439-96-5	D9
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 03:39	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.1**	ug/L	1.0	0.30	1		01/30/23 13:17	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 13:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/30/23 13:17	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/23 13:17	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/30/23 13:17	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/30/23 13:17	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/23 13:17	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/30/23 13:17	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/30/23 13:17	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/30/23 13:17	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/23 13:17	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/30/23 13:17	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/30/23 13:17	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/30/23 13:17	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/23 13:17	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/23 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/30/23 13:17	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/30/23 13:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/30/23 13:17	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/30/23 13:17	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/23 13:17	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/23 13:17	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/30/23 13:17	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/30/23 13:17	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 13:17	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2113 **Lab ID: 40257568047** Collected: 01/25/23 11:55 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/30/23 13:17	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/30/23 13:17	75-35-4	
cis-1,2-Dichloroethene	**7.8**	ug/L	1.0	0.47	1		01/30/23 13:17	156-59-2	
trans-1,2-Dichloroethene	**7.1**	ug/L	1.0	0.53	1		01/30/23 13:17	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/30/23 13:17	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 13:17	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/30/23 13:17	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/30/23 13:17	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 13:17	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/30/23 13:17	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/23 13:17	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/23 13:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/30/23 13:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/30/23 13:17	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/30/23 13:17	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/30/23 13:17	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/23 13:17	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/30/23 13:17	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/23 13:17	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/30/23 13:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/30/23 13:17	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/30/23 13:17	127-18-4	
Toluene	**0.34J**	ug/L	1.0	0.29	1		01/30/23 13:17	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/30/23 13:17	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/30/23 13:17	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/23 13:17	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/30/23 13:17	79-00-5	
Trichloroethene	**0.40J**	ug/L	1.0	0.32	1		01/30/23 13:17	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/23 13:17	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/30/23 13:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/30/23 13:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/23 13:17	108-67-8	
Vinyl chloride	**47.0**	ug/L	1.0	0.17	1		01/30/23 13:17	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/30/23 13:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/30/23 13:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		01/30/23 13:17	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1		01/30/23 13:17	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/30/23 13:01		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2113 **Lab ID: 40257568047** Collected: 01/25/23 11:55 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**351**	mg/L	20.0	4.3	10		01/31/23 15:08	16887-00-6	
Sulfate	**<4.4**	mg/L	20.0	4.4	10		01/31/23 15:08	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**1600**	mg/L	125	37.2	5		02/06/23 11:00		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**1940**	mg/L	500	147	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1090**	mg/L	50.0	13.8	100		02/01/23 23:31	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-65 **Lab ID: 40257568048** Collected: 01/25/23 11:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**2.2J**	ug/L	5.6	0.39	1		01/31/23 11:02	74-84-0	
Ethene	**481**	ug/L	5.0	0.25	1		01/31/23 11:02	74-85-1	
Methane	**1830**	ug/L	56.0	11.5	20		01/31/23 13:39	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**17.9**	mg/L	2.5	0.58	10	01/30/23 06:22	02/07/23 07:37	7439-89-6	
Manganese	**0.18**	mg/L	0.040	0.012	10	01/30/23 06:22	02/07/23 07:37	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.99**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 15:31	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 03:46	7440-47-3	
Iron, Dissolved	**15.4**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 03:46	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 03:46	7439-92-1	
Manganese, Dissolved	**0.19**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 03:46	7439-96-5	D9
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 03:46	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<14.8**	ug/L	50.0	14.8	50		01/27/23 17:50	71-43-2	
Bromobenzene	**<18.0**	ug/L	50.0	18.0	50		01/27/23 17:50	108-86-1	
Bromochloromethane	**<17.9**	ug/L	250	17.9	50		01/27/23 17:50	74-97-5	
Bromodichloromethane	**<20.8**	ug/L	50.0	20.8	50		01/27/23 17:50	75-27-4	
Bromoform	**<190**	ug/L	250	190	50		01/27/23 17:50	75-25-2	
Bromomethane	**<59.6**	ug/L	250	59.6	50		01/27/23 17:50	74-83-9	
n-Butylbenzene	**<42.9**	ug/L	50.0	42.9	50		01/27/23 17:50	104-51-8	
sec-Butylbenzene	**<21.2**	ug/L	50.0	21.2	50		01/27/23 17:50	135-98-8	
tert-Butylbenzene	**<29.3**	ug/L	50.0	29.3	50		01/27/23 17:50	98-06-6	
Carbon tetrachloride	**<18.5**	ug/L	50.0	18.5	50		01/27/23 17:50	56-23-5	
Chlorobenzene	**<42.8**	ug/L	50.0	42.8	50		01/27/23 17:50	108-90-7	
Chloroethane	**<69.0**	ug/L	250	69.0	50		01/27/23 17:50	75-00-3	
Chloroform	**<59.1**	ug/L	250	59.1	50		01/27/23 17:50	67-66-3	L1
Chloromethane	**<81.8**	ug/L	250	81.8	50		01/27/23 17:50	74-87-3	
2-Chlorotoluene	**<44.5**	ug/L	250	44.5	50		01/27/23 17:50	95-49-8	
4-Chlorotoluene	**<44.7**	ug/L	250	44.7	50		01/27/23 17:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<118**	ug/L	250	118	50		01/27/23 17:50	96-12-8	
Dibromochloromethane	**<132**	ug/L	250	132	50		01/27/23 17:50	124-48-1	
1,2-Dibromoethane (EDB)	**<15.5**	ug/L	50.0	15.5	50		01/27/23 17:50	106-93-4	
Dibromomethane	**<49.5**	ug/L	250	49.5	50		01/27/23 17:50	74-95-3	
1,2-Dichlorobenzene	**<16.3**	ug/L	50.0	16.3	50		01/27/23 17:50	95-50-1	
1,3-Dichlorobenzene	**<17.6**	ug/L	50.0	17.6	50		01/27/23 17:50	541-73-1	
1,4-Dichlorobenzene	**<44.6**	ug/L	50.0	44.6	50		01/27/23 17:50	106-46-7	
Dichlorodifluoromethane	**<22.8**	ug/L	250	22.8	50		01/27/23 17:50	75-71-8	
1,1-Dichloroethane	**<14.8**	ug/L	50.0	14.8	50		01/27/23 17:50	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-65 **Lab ID: 40257568048** Collected: 01/25/23 11:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<14.6**	ug/L	50.0	14.6	50		01/27/23 17:50	107-06-2	
1,1-Dichloroethene	**<29.1**	ug/L	50.0	29.1	50		01/27/23 17:50	75-35-4	
cis-1,2-Dichloroethene	**3500**	ug/L	50.0	23.6	50		01/27/23 17:50	156-59-2	
trans-1,2-Dichloroethene	**29.3J**	ug/L	50.0	26.4	50		01/27/23 17:50	156-60-5	
1,2-Dichloropropane	**<22.4**	ug/L	50.0	22.4	50		01/27/23 17:50	78-87-5	
1,3-Dichloropropane	**<15.2**	ug/L	50.0	15.2	50		01/27/23 17:50	142-28-9	
2,2-Dichloropropane	**<209**	ug/L	250	209	50		01/27/23 17:50	594-20-7	
1,1-Dichloropropene	**<20.5**	ug/L	50.0	20.5	50		01/27/23 17:50	563-58-6	
cis-1,3-Dichloropropene	**<17.9**	ug/L	50.0	17.9	50		01/27/23 17:50	10061-01-5	
trans-1,3-Dichloropropene	**<173**	ug/L	250	173	50		01/27/23 17:50	10061-02-6	
Diisopropyl ether	**<55.0**	ug/L	250	55.0	50		01/27/23 17:50	108-20-3	
Ethylbenzene	**<16.3**	ug/L	50.0	16.3	50		01/27/23 17:50	100-41-4	
Hexachloro-1,3-butadiene	**<137**	ug/L	250	137	50		01/27/23 17:50	87-68-3	
Isopropylbenzene (Cumene)	**<50.0**	ug/L	250	50.0	50		01/27/23 17:50	98-82-8	
p-Isopropyltoluene	**<52.2**	ug/L	250	52.2	50		01/27/23 17:50	99-87-6	
Methylene Chloride	**<16.0**	ug/L	250	16.0	50		01/27/23 17:50	75-09-2	
Methyl-tert-butyl ether	**<56.5**	ug/L	250	56.5	50		01/27/23 17:50	1634-04-4	
Naphthalene	**<56.5**	ug/L	250	56.5	50		01/27/23 17:50	91-20-3	
n-Propylbenzene	**<17.3**	ug/L	50.0	17.3	50		01/27/23 17:50	103-65-1	
Styrene	**<17.8**	ug/L	50.0	17.8	50		01/27/23 17:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<17.8**	ug/L	50.0	17.8	50		01/27/23 17:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<18.9**	ug/L	50.0	18.9	50		01/27/23 17:50	79-34-5	
Tetrachloroethene	**<20.4**	ug/L	50.0	20.4	50		01/27/23 17:50	127-18-4	
Toluene	**<14.4**	ug/L	50.0	14.4	50		01/27/23 17:50	108-88-3	
1,2,3-Trichlorobenzene	**<50.9**	ug/L	250	50.9	50		01/27/23 17:50	87-61-6	
1,2,4-Trichlorobenzene	**<47.5**	ug/L	250	47.5	50		01/27/23 17:50	120-82-1	
1,1,1-Trichloroethane	**<15.1**	ug/L	50.0	15.1	50		01/27/23 17:50	71-55-6	
1,1,2-Trichloroethane	**<17.2**	ug/L	250	17.2	50		01/27/23 17:50	79-00-5	
Trichloroethene	**<16.0**	ug/L	50.0	16.0	50		01/27/23 17:50	79-01-6	
Trichlorofluoromethane	**<20.9**	ug/L	50.0	20.9	50		01/27/23 17:50	75-69-4	
1,2,3-Trichloropropane	**<27.8**	ug/L	250	27.8	50		01/27/23 17:50	96-18-4	
1,2,4-Trimethylbenzene	**<22.4**	ug/L	50.0	22.4	50		01/27/23 17:50	95-63-6	
1,3,5-Trimethylbenzene	**<17.9**	ug/L	50.0	17.9	50		01/27/23 17:50	108-67-8	
Vinyl chloride	**6370**	ug/L	50.0	8.7	50		01/27/23 17:50	75-01-4	
Xylene (Total)	**<52.4**	ug/L	150	52.4	50		01/27/23 17:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		50		01/27/23 17:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		50		01/27/23 17:50	2199-69-1	
Toluene-d8 (S)	93	%	70-130		50		01/27/23 17:50	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		01/30/23 13:03		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-65 **Lab ID: 40257568048** Collected: 01/25/23 11:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**1170**	mg/L	100	21.6	50		02/02/23 23:24	16887-00-6	
Sulfate	**19.0J**	mg/L	20.0	4.4	10		01/31/23 15:21	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**574**	mg/L	50.0	14.9	2		02/06/23 11:01		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**77.1**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.6**	mg/L	0.50	0.14	1		02/01/23 23:49	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-82 **Lab ID: 40257568049** Collected: 01/25/23 08:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.064**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 04:23	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 04:23	7440-47-3	
Iron, Dissolved	**0.18J**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 04:23	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 04:23	7439-92-1	
Manganese, Dissolved	**0.14**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 04:23	7439-96-5	
Nickel, Dissolved	**0.00080J**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 04:23	7440-02-0	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**629**	mg/L	100	21.6	50		02/02/23 23:37	16887-00-6	
Sulfate	**29.5**	mg/L	20.0	4.4	10		01/31/23 15:34	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**405**	mg/L	125	37.2	5		02/06/23 11:02		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-82D **Lab ID: 40257568050** Collected: 01/25/23 08:50 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.072**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 04:30	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 04:30	7440-47-3	
Iron, Dissolved	**0.15J**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 04:30	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 04:30	7439-92-1	
Manganese, Dissolved	**0.15**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 04:30	7439-96-5	
Nickel, Dissolved	**0.00081J**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 04:30	7440-02-0	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**541**	mg/L	20.0	4.3	10		01/31/23 15:47	16887-00-6	
Sulfate	**26.9**	mg/L	20.0	4.4	10		01/31/23 15:47	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**258**	mg/L	25.0	7.4	1		02/06/23 11:03		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2103 **Lab ID: 40257568051** Collected: 01/25/23 13:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**6.4**	ug/L	5.6	0.39	1		01/31/23 11:09	74-84-0	
Ethene	**553**	ug/L	125	6.3	25		01/31/23 13:46	74-85-1	
Methane	**2230**	ug/L	70.0	14.4	25		01/31/23 13:46	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**8.5**	mg/L	2.5	0.58	10	01/30/23 06:22	02/07/23 08:06	7439-89-6	
Manganese	**0.47**	mg/L	0.040	0.012	10	01/30/23 06:22	02/07/23 08:06	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.099**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 04:38	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 04:38	7440-47-3	
Iron, Dissolved	**6.0**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 04:38	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 04:38	7439-92-1	
Manganese, Dissolved	**0.45**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 04:38	7439-96-5	
Nickel, Dissolved	**0.0027**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 04:38	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<3.0**	ug/L	10.0	3.0	10		01/30/23 11:59	71-43-2	
Bromobenzene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 11:59	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		01/30/23 11:59	74-97-5	
Bromodichloromethane	**<4.2**	ug/L	10.0	4.2	10		01/30/23 11:59	75-27-4	
Bromoform	**<38.0**	ug/L	50.0	38.0	10		01/30/23 11:59	75-25-2	
Bromomethane	**<11.9**	ug/L	50.0	11.9	10		01/30/23 11:59	74-83-9	
n-Butylbenzene	**<8.6**	ug/L	10.0	8.6	10		01/30/23 11:59	104-51-8	
sec-Butylbenzene	**<4.2**	ug/L	10.0	4.2	10		01/30/23 11:59	135-98-8	
tert-Butylbenzene	**<5.9**	ug/L	10.0	5.9	10		01/30/23 11:59	98-06-6	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10		01/30/23 11:59	56-23-5	
Chlorobenzene	**<8.6**	ug/L	10.0	8.6	10		01/30/23 11:59	108-90-7	
Chloroethane	**<13.8**	ug/L	50.0	13.8	10		01/30/23 11:59	75-00-3	
Chloroform	**<11.8**	ug/L	50.0	11.8	10		01/30/23 11:59	67-66-3	L1
Chloromethane	**<16.4**	ug/L	50.0	16.4	10		01/30/23 11:59	74-87-3	
2-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/30/23 11:59	95-49-8	
4-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/30/23 11:59	106-43-4	
1,2-Dibromo-3-chloropropane	**<23.7**	ug/L	50.0	23.7	10		01/30/23 11:59	96-12-8	
Dibromochloromethane	**<26.4**	ug/L	50.0	26.4	10		01/30/23 11:59	124-48-1	
1,2-Dibromoethane (EDB)	**<3.1**	ug/L	10.0	3.1	10		01/30/23 11:59	106-93-4	
Dibromomethane	**<9.9**	ug/L	50.0	9.9	10		01/30/23 11:59	74-95-3	
1,2-Dichlorobenzene	**<3.3**	ug/L	10.0	3.3	10		01/30/23 11:59	95-50-1	
1,3-Dichlorobenzene	**<3.5**	ug/L	10.0	3.5	10		01/30/23 11:59	541-73-1	
1,4-Dichlorobenzene	**<8.9**	ug/L	10.0	8.9	10		01/30/23 11:59	106-46-7	
Dichlorodifluoromethane	**<4.6**	ug/L	50.0	4.6	10		01/30/23 11:59	75-71-8	
1,1-Dichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/30/23 11:59	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2103 **Lab ID: 40257568051** Collected: 01/25/23 13:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<2.9**	ug/L	10.0	2.9	10		01/30/23 11:59	107-06-2	
1,1-Dichloroethene	**<5.8**	ug/L	10.0	5.8	10		01/30/23 11:59	75-35-4	
cis-1,2-Dichloroethene	**745**	ug/L	10.0	4.7	10		01/30/23 11:59	156-59-2	
trans-1,2-Dichloroethene	**11.1**	ug/L	10.0	5.3	10		01/30/23 11:59	156-60-5	
1,2-Dichloropropane	**<4.5**	ug/L	10.0	4.5	10		01/30/23 11:59	78-87-5	
1,3-Dichloropropane	**<3.0**	ug/L	10.0	3.0	10		01/30/23 11:59	142-28-9	
2,2-Dichloropropane	**<41.8**	ug/L	50.0	41.8	10		01/30/23 11:59	594-20-7	
1,1-Dichloropropene	**<4.1**	ug/L	10.0	4.1	10		01/30/23 11:59	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 11:59	10061-01-5	
trans-1,3-Dichloropropene	**<34.6**	ug/L	50.0	34.6	10		01/30/23 11:59	10061-02-6	
Diisopropyl ether	**<11.0**	ug/L	50.0	11.0	10		01/30/23 11:59	108-20-3	
Ethylbenzene	**<3.3**	ug/L	10.0	3.3	10		01/30/23 11:59	100-41-4	
Hexachloro-1,3-butadiene	**<27.4**	ug/L	50.0	27.4	10		01/30/23 11:59	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	50.0	10.0	10		01/30/23 11:59	98-82-8	
p-Isopropyltoluene	**<10.4**	ug/L	50.0	10.4	10		01/30/23 11:59	99-87-6	
Methylene Chloride	**<3.2**	ug/L	50.0	3.2	10		01/30/23 11:59	75-09-2	
Methyl-tert-butyl ether	**<11.3**	ug/L	50.0	11.3	10		01/30/23 11:59	1634-04-4	
Naphthalene	**<11.3**	ug/L	50.0	11.3	10		01/30/23 11:59	91-20-3	
n-Propylbenzene	**<3.5**	ug/L	10.0	3.5	10		01/30/23 11:59	103-65-1	
Styrene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 11:59	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	10.0	3.6	10		01/30/23 11:59	630-20-6	
1,1,2,2-Tetrachloroethane	**<3.8**	ug/L	10.0	3.8	10		01/30/23 11:59	79-34-5	
Tetrachloroethene	**<4.1**	ug/L	10.0	4.1	10		01/30/23 11:59	127-18-4	
Toluene	**<2.9**	ug/L	10.0	2.9	10		01/30/23 11:59	108-88-3	
1,2,3-Trichlorobenzene	**<10.2**	ug/L	50.0	10.2	10		01/30/23 11:59	87-61-6	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		01/30/23 11:59	120-82-1	
1,1,1-Trichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/30/23 11:59	71-55-6	
1,1,2-Trichloroethane	**<3.4**	ug/L	50.0	3.4	10		01/30/23 11:59	79-00-5	
Trichloroethene	**10J**	ug/L	10.0	3.2	10		01/30/23 11:59	79-01-6	
Trichlorofluoromethane	**<4.2**	ug/L	10.0	4.2	10		01/30/23 11:59	75-69-4	
1,2,3-Trichloropropane	**<5.6**	ug/L	50.0	5.6	10		01/30/23 11:59	96-18-4	
1,2,4-Trimethylbenzene	**<4.5**	ug/L	10.0	4.5	10		01/30/23 11:59	95-63-6	
1,3,5-Trimethylbenzene	**<3.6**	ug/L	10.0	3.6	10		01/30/23 11:59	108-67-8	
Vinyl chloride	**1230**	ug/L	10.0	1.7	10		01/30/23 11:59	75-01-4	
Xylene (Total)	**<10.5**	ug/L	30.0	10.5	10		01/30/23 11:59	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		01/30/23 11:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		10		01/30/23 11:59	2199-69-1	
Toluene-d8 (S)	95	%	70-130		10		01/30/23 11:59	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/30/23 13:04		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2103 **Lab ID: 40257568051** Collected: 01/25/23 13:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**204**	mg/L	20.0	4.3	10		01/31/23 16:00	16887-00-6	
Sulfate	**1100**	mg/L	100	22.2	50		02/02/23 23:50	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**468**	mg/L	125	37.2	5		02/06/23 11:04		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**81.4**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**13.9**	mg/L	3.0	0.83	6		02/02/23 03:15	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2103D **Lab ID: 40257568052** Collected: 01/25/23 13:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**6.9**	ug/L	5.6	0.39	1		01/31/23 11:16	74-84-0	
Ethene	**540**	ug/L	125	6.3	25		01/31/23 13:52	74-85-1	
Methane	**2170**	ug/L	70.0	14.4	25		01/31/23 13:52	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**8.6**	mg/L	2.5	0.58	10	01/30/23 06:22	02/07/23 08:13	7439-89-6	
Manganese	**0.47**	mg/L	0.040	0.012	10	01/30/23 06:22	02/07/23 08:13	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.10**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 04:45	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 04:45	7440-47-3	
Iron, Dissolved	**6.1**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 04:45	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 04:45	7439-92-1	
Manganese, Dissolved	**0.46**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 04:45	7439-96-5	
Nickel, Dissolved	**0.0025**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 04:45	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<7.4**	ug/L	25.0	7.4	25		01/27/23 18:48	71-43-2	
Bromobenzene	**<9.0**	ug/L	25.0	9.0	25		01/27/23 18:48	108-86-1	
Bromochloromethane	**<8.9**	ug/L	125	8.9	25		01/27/23 18:48	74-97-5	
Bromodichloromethane	**<10.4**	ug/L	25.0	10.4	25		01/27/23 18:48	75-27-4	
Bromoform	**<95.0**	ug/L	125	95.0	25		01/27/23 18:48	75-25-2	
Bromomethane	**<29.8**	ug/L	125	29.8	25		01/27/23 18:48	74-83-9	
n-Butylbenzene	**<21.4**	ug/L	25.0	21.4	25		01/27/23 18:48	104-51-8	
sec-Butylbenzene	**<10.6**	ug/L	25.0	10.6	25		01/27/23 18:48	135-98-8	
tert-Butylbenzene	**<14.7**	ug/L	25.0	14.7	25		01/27/23 18:48	98-06-6	
Carbon tetrachloride	**<9.2**	ug/L	25.0	9.2	25		01/27/23 18:48	56-23-5	
Chlorobenzene	**<21.4**	ug/L	25.0	21.4	25		01/27/23 18:48	108-90-7	
Chloroethane	**<34.5**	ug/L	125	34.5	25		01/27/23 18:48	75-00-3	
Chloroform	**<29.6**	ug/L	125	29.6	25		01/27/23 18:48	67-66-3	L1
Chloromethane	**<40.9**	ug/L	125	40.9	25		01/27/23 18:48	74-87-3	
2-Chlorotoluene	**<22.2**	ug/L	125	22.2	25		01/27/23 18:48	95-49-8	
4-Chlorotoluene	**<22.4**	ug/L	125	22.4	25		01/27/23 18:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<59.2**	ug/L	125	59.2	25		01/27/23 18:48	96-12-8	
Dibromochloromethane	**<66.1**	ug/L	125	66.1	25		01/27/23 18:48	124-48-1	
1,2-Dibromoethane (EDB)	**<7.7**	ug/L	25.0	7.7	25		01/27/23 18:48	106-93-4	
Dibromomethane	**<24.8**	ug/L	125	24.8	25		01/27/23 18:48	74-95-3	
1,2-Dichlorobenzene	**<8.1**	ug/L	25.0	8.1	25		01/27/23 18:48	95-50-1	
1,3-Dichlorobenzene	**<8.8**	ug/L	25.0	8.8	25		01/27/23 18:48	541-73-1	
1,4-Dichlorobenzene	**<22.3**	ug/L	25.0	22.3	25		01/27/23 18:48	106-46-7	
Dichlorodifluoromethane	**<11.4**	ug/L	125	11.4	25		01/27/23 18:48	75-71-8	
1,1-Dichloroethane	**<7.4**	ug/L	25.0	7.4	25		01/27/23 18:48	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2103D **Lab ID: 40257568052** Collected: 01/25/23 13:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<7.3**	ug/L	25.0	7.3	25		01/27/23 18:48	107-06-2	
1,1-Dichloroethene	**<14.6**	ug/L	25.0	14.6	25		01/27/23 18:48	75-35-4	
cis-1,2-Dichloroethene	**632**	ug/L	25.0	11.8	25		01/27/23 18:48	156-59-2	
trans-1,2-Dichloroethene	**13.6J**	ug/L	25.0	13.2	25		01/27/23 18:48	156-60-5	
1,2-Dichloropropane	**<11.2**	ug/L	25.0	11.2	25		01/27/23 18:48	78-87-5	
1,3-Dichloropropane	**<7.6**	ug/L	25.0	7.6	25		01/27/23 18:48	142-28-9	
2,2-Dichloropropane	**<104**	ug/L	125	104	25		01/27/23 18:48	594-20-7	
1,1-Dichloropropene	**<10.3**	ug/L	25.0	10.3	25		01/27/23 18:48	563-58-6	
cis-1,3-Dichloropropene	**<9.0**	ug/L	25.0	9.0	25		01/27/23 18:48	10061-01-5	
trans-1,3-Dichloropropene	**<86.6**	ug/L	125	86.6	25		01/27/23 18:48	10061-02-6	
Diisopropyl ether	**<27.5**	ug/L	125	27.5	25		01/27/23 18:48	108-20-3	
Ethylbenzene	**<8.1**	ug/L	25.0	8.1	25		01/27/23 18:48	100-41-4	
Hexachloro-1,3-butadiene	**<68.4**	ug/L	125	68.4	25		01/27/23 18:48	87-68-3	
Isopropylbenzene (Cumene)	**<25.0**	ug/L	125	25.0	25		01/27/23 18:48	98-82-8	
p-Isopropyltoluene	**<26.1**	ug/L	125	26.1	25		01/27/23 18:48	99-87-6	
Methylene Chloride	**<8.0**	ug/L	125	8.0	25		01/27/23 18:48	75-09-2	
Methyl-tert-butyl ether	**<28.2**	ug/L	125	28.2	25		01/27/23 18:48	1634-04-4	
Naphthalene	**<28.2**	ug/L	125	28.2	25		01/27/23 18:48	91-20-3	
n-Propylbenzene	**<8.6**	ug/L	25.0	8.6	25		01/27/23 18:48	103-65-1	
Styrene	**<8.9**	ug/L	25.0	8.9	25		01/27/23 18:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<8.9**	ug/L	25.0	8.9	25		01/27/23 18:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<9.4**	ug/L	25.0	9.4	25		01/27/23 18:48	79-34-5	
Tetrachloroethene	**<10.2**	ug/L	25.0	10.2	25		01/27/23 18:48	127-18-4	
Toluene	**<7.2**	ug/L	25.0	7.2	25		01/27/23 18:48	108-88-3	
1,2,3-Trichlorobenzene	**<25.5**	ug/L	125	25.5	25		01/27/23 18:48	87-61-6	
1,2,4-Trichlorobenzene	**<23.8**	ug/L	125	23.8	25		01/27/23 18:48	120-82-1	
1,1,1-Trichloroethane	**<7.6**	ug/L	25.0	7.6	25		01/27/23 18:48	71-55-6	
1,1,2-Trichloroethane	**<8.6**	ug/L	125	8.6	25		01/27/23 18:48	79-00-5	
Trichloroethene	**8.1J**	ug/L	25.0	8.0	25		01/27/23 18:48	79-01-6	
Trichlorofluoromethane	**<10.5**	ug/L	25.0	10.5	25		01/27/23 18:48	75-69-4	
1,2,3-Trichloropropane	**<13.9**	ug/L	125	13.9	25		01/27/23 18:48	96-18-4	
1,2,4-Trimethylbenzene	**<11.2**	ug/L	25.0	11.2	25		01/27/23 18:48	95-63-6	
1,3,5-Trimethylbenzene	**<8.9**	ug/L	25.0	8.9	25		01/27/23 18:48	108-67-8	
Vinyl chloride	**1030**	ug/L	25.0	4.4	25		01/27/23 18:48	75-01-4	
Xylene (Total)	**<26.2**	ug/L	75.0	26.2	25		01/27/23 18:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		25		01/27/23 18:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		25		01/27/23 18:48	2199-69-1	
Toluene-d8 (S)	92	%	70-130		25		01/27/23 18:48	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/30/23 13:05		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2103D **Lab ID: 40257568052** Collected: 01/25/23 13:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**205**	mg/L	20.0	4.3	10		01/31/23 16:12	16887-00-6	
Sulfate	**1060**	mg/L	100	22.2	50		02/06/23 12:33	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**454**	mg/L	125	37.2	5		02/06/23 11:05		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**75.0**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**14.4**	mg/L	5.0	1.4	10		02/02/23 00:41	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2103 **Lab ID: 40257568053** Collected: 01/25/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**291**	ug/L	5.6	0.39	1		01/31/23 11:23	74-84-0	pH
Ethene	**2680**	ug/L	250	12.6	50		01/31/23 13:59	74-85-1	pH
Methane	**65.9**	ug/L	2.8	0.58	1		01/31/23 11:23	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**90.6**	mg/L	12.5	2.9	50	01/30/23 06:22	02/07/23 08:21	7439-89-6	
Manganese	**2.1**	mg/L	0.20	0.061	50	01/30/23 06:22	02/07/23 08:21	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.022J**	mg/L	0.023	0.0070	10	01/30/23 06:19	02/02/23 13:07	7440-39-3	D3
Calcium, Dissolved	**441**	mg/L	2.5	0.76	10	01/30/23 06:19	02/02/23 13:07	7440-70-2	P6
Chromium, Dissolved	**<0.010**	mg/L	0.034	0.010	10	01/30/23 06:19	02/02/23 13:07	7440-47-3	D3
Iron, Dissolved	**70.5**	mg/L	2.5	0.58	10	01/30/23 06:19	02/02/23 13:07	7439-89-6	
Lead, Dissolved	**<0.0024**	mg/L	0.010	0.0024	10	01/30/23 06:19	02/02/23 13:07	7439-92-1	D3
Magnesium, Dissolved	**205**	mg/L	12.5	1.6	50	01/30/23 06:19	02/02/23 15:27	7439-95-4	P6
Manganese, Dissolved	**1.8**	mg/L	0.040	0.012	10	01/30/23 06:19	02/02/23 13:07	7439-96-5	
Nickel, Dissolved	**0.0096J**	mg/L	0.010	0.0028	10	01/30/23 06:19	02/02/23 13:07	7440-02-0	D3
Potassium, Dissolved	**13.2**	mg/L	7.9	2.4	10	01/30/23 06:19	02/02/23 13:07	7440-09-7	
Sodium, Dissolved	**7780**	mg/L	250	42.0	1000	01/30/23 06:19	02/02/23 14:43	7440-23-5	P6
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1480**	ug/L	5000	1480	5000		01/30/23 11:01	71-43-2	
Bromobenzene	**<1800**	ug/L	5000	1800	5000		01/30/23 11:01	108-86-1	
Bromochloromethane	**<1790**	ug/L	25000	1790	5000		01/30/23 11:01	74-97-5	
Bromodichloromethane	**<2080**	ug/L	5000	2080	5000		01/30/23 11:01	75-27-4	
Bromoform	**<19000**	ug/L	25000	19000	5000		01/30/23 11:01	75-25-2	
Bromomethane	**<5960**	ug/L	25000	5960	5000		01/30/23 11:01	74-83-9	
n-Butylbenzene	**<4290**	ug/L	5000	4290	5000		01/30/23 11:01	104-51-8	
sec-Butylbenzene	**<2120**	ug/L	5000	2120	5000		01/30/23 11:01	135-98-8	
tert-Butylbenzene	**<2930**	ug/L	5000	2930	5000		01/30/23 11:01	98-06-6	
Carbon tetrachloride	**<1850**	ug/L	5000	1850	5000		01/30/23 11:01	56-23-5	
Chlorobenzene	**<4280**	ug/L	5000	4280	5000		01/30/23 11:01	108-90-7	
Chloroethane	**<6900**	ug/L	25000	6900	5000		01/30/23 11:01	75-00-3	
Chloroform	**<5910**	ug/L	25000	5910	5000		01/30/23 11:01	67-66-3	L1
Chloromethane	**<8180**	ug/L	25000	8180	5000		01/30/23 11:01	74-87-3	
2-Chlorotoluene	**<4450**	ug/L	25000	4450	5000		01/30/23 11:01	95-49-8	
4-Chlorotoluene	**<4470**	ug/L	25000	4470	5000		01/30/23 11:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<11800**	ug/L	25000	11800	5000		01/30/23 11:01	96-12-8	
Dibromochloromethane	**<13200**	ug/L	25000	13200	5000		01/30/23 11:01	124-48-1	
1,2-Dibromoethane (EDB)	**<1550**	ug/L	5000	1550	5000		01/30/23 11:01	106-93-4	
Dibromomethane	**<4950**	ug/L	25000	4950	5000		01/30/23 11:01	74-95-3	
1,2-Dichlorobenzene	**<1630**	ug/L	5000	1630	5000		01/30/23 11:01	95-50-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2103 **Lab ID: 40257568053** Collected: 01/25/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<1760**	ug/L	5000	1760	5000		01/30/23 11:01	541-73-1	
1,4-Dichlorobenzene	**<4460**	ug/L	5000	4460	5000		01/30/23 11:01	106-46-7	
Dichlorodifluoromethane	**<2280**	ug/L	25000	2280	5000		01/30/23 11:01	75-71-8	
1,1-Dichloroethane	**<1480**	ug/L	5000	1480	5000		01/30/23 11:01	75-34-3	
1,2-Dichloroethane	**<1460**	ug/L	5000	1460	5000		01/30/23 11:01	107-06-2	
1,1-Dichloroethene	**<2910**	ug/L	5000	2910	5000		01/30/23 11:01	75-35-4	
cis-1,2-Dichloroethene	**16200**	ug/L	5000	2360	5000		01/30/23 11:01	156-59-2	
trans-1,2-Dichloroethene	**<2640**	ug/L	5000	2640	5000		01/30/23 11:01	156-60-5	
1,2-Dichloropropane	**<2240**	ug/L	5000	2240	5000		01/30/23 11:01	78-87-5	
1,3-Dichloropropane	**<1520**	ug/L	5000	1520	5000		01/30/23 11:01	142-28-9	
2,2-Dichloropropane	**<20900**	ug/L	25000	20900	5000		01/30/23 11:01	594-20-7	
1,1-Dichloropropene	**<2050**	ug/L	5000	2050	5000		01/30/23 11:01	563-58-6	
cis-1,3-Dichloropropene	**<1790**	ug/L	5000	1790	5000		01/30/23 11:01	10061-01-5	
trans-1,3-Dichloropropene	**<17300**	ug/L	25000	17300	5000		01/30/23 11:01	10061-02-6	
Diisopropyl ether	**<5500**	ug/L	25000	5500	5000		01/30/23 11:01	108-20-3	
Ethylbenzene	**<1630**	ug/L	5000	1630	5000		01/30/23 11:01	100-41-4	
Hexachloro-1,3-butadiene	**<13700**	ug/L	25000	13700	5000		01/30/23 11:01	87-68-3	
Isopropylbenzene (Cumene)	**<5000**	ug/L	25000	5000	5000		01/30/23 11:01	98-82-8	
p-Isopropyltoluene	**<5220**	ug/L	25000	5220	5000		01/30/23 11:01	99-87-6	
Methylene Chloride	**<1600**	ug/L	25000	1600	5000		01/30/23 11:01	75-09-2	
Methyl-tert-butyl ether	**<5650**	ug/L	25000	5650	5000		01/30/23 11:01	1634-04-4	
Naphthalene	**<5650**	ug/L	25000	5650	5000		01/30/23 11:01	91-20-3	
n-Propylbenzene	**<1730**	ug/L	5000	1730	5000		01/30/23 11:01	103-65-1	
Styrene	**<1780**	ug/L	5000	1780	5000		01/30/23 11:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<1780**	ug/L	5000	1780	5000		01/30/23 11:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<1890**	ug/L	5000	1890	5000		01/30/23 11:01	79-34-5	
Tetrachloroethene	**<2040**	ug/L	5000	2040	5000		01/30/23 11:01	127-18-4	
Toluene	**<1440**	ug/L	5000	1440	5000		01/30/23 11:01	108-88-3	
1,2,3-Trichlorobenzene	**<5090**	ug/L	25000	5090	5000		01/30/23 11:01	87-61-6	
1,2,4-Trichlorobenzene	**<4750**	ug/L	25000	4750	5000		01/30/23 11:01	120-82-1	
1,1,1-Trichloroethane	**<1510**	ug/L	5000	1510	5000		01/30/23 11:01	71-55-6	
1,1,2-Trichloroethane	**<1720**	ug/L	25000	1720	5000		01/30/23 11:01	79-00-5	
Trichloroethene	**229000**	ug/L	5000	1600	5000		01/30/23 11:01	79-01-6	
Trichlorofluoromethane	**<2090**	ug/L	5000	2090	5000		01/30/23 11:01	75-69-4	
1,2,3-Trichloropropane	**<2780**	ug/L	25000	2780	5000		01/30/23 11:01	96-18-4	
1,2,4-Trimethylbenzene	**<2240**	ug/L	5000	2240	5000		01/30/23 11:01	95-63-6	
1,3,5-Trimethylbenzene	**<1790**	ug/L	5000	1790	5000		01/30/23 11:01	108-67-8	
Vinyl chloride	**<872**	ug/L	5000	872	5000		01/30/23 11:01	75-01-4	
Xylene (Total)	**<5240**	ug/L	15000	5240	5000		01/30/23 11:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		5000		01/30/23 11:01	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		5000		01/30/23 11:01	2199-69-1	
Toluene-d8 (S)	92	%	70-130		5000		01/30/23 11:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2103 **Lab ID: 40257568053** Collected: 01/25/23 13:30 Received: 01/26/23 08:00 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		01/30/23 13:14		
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**833J**	mg/L	1000	216	500		02/03/23 00:03	16887-00-6	D3
Sulfate	**14500**	mg/L	1000	222	500		02/03/23 00:03	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**5090**	mg/L	625	186	25		02/06/23 11:28		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**9100**	mg/L	3330	982	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2130**	mg/L	150	41.5	300		02/02/23 00:55	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2103D **Lab ID: 40257568054** Collected: 01/25/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**322**	ug/L	5.6	0.39	1		01/31/23 11:30	74-84-0	pH
Ethene	**3910**	ug/L	250	12.6	50		01/31/23 14:06	74-85-1	pH
Methane	**73.1**	ug/L	2.8	0.58	1		01/31/23 11:30	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**73.1**	mg/L	5.0	1.2	20	01/30/23 06:22	02/07/23 08:28	7439-89-6	
Manganese	**2.0**	mg/L	0.081	0.024	20	01/30/23 06:22	02/07/23 08:28	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.026**	mg/L	0.023	0.0070	10	01/30/23 06:19	02/03/23 04:53	7440-39-3	
Calcium, Dissolved	**494**	mg/L	2.5	0.76	10	01/30/23 06:19	02/03/23 04:53	7440-70-2	
Chromium, Dissolved	**<0.010**	mg/L	0.034	0.010	10	01/30/23 06:19	02/03/23 04:53	7440-47-3	D3
Iron, Dissolved	**76.8**	mg/L	2.5	0.58	10	01/30/23 06:19	02/03/23 04:53	7439-89-6	D9
Lead, Dissolved	**<0.0024**	mg/L	0.010	0.0024	10	01/30/23 06:19	02/03/23 04:53	7439-92-1	D3
Magnesium, Dissolved	**217**	mg/L	2.5	0.31	10	01/30/23 06:19	02/03/23 04:53	7439-95-4	
Manganese, Dissolved	**1.9**	mg/L	0.040	0.012	10	01/30/23 06:19	02/03/23 04:53	7439-96-5	
Nickel, Dissolved	**0.0078J**	mg/L	0.010	0.0028	10	01/30/23 06:19	02/03/23 04:53	7440-02-0	D3
Potassium, Dissolved	**13.7**	mg/L	7.9	2.4	10	01/30/23 06:19	02/03/23 04:53	7440-09-7	
Sodium, Dissolved	**8340**	mg/L	25.0	4.2	100	01/30/23 06:19	02/03/23 14:54	7440-23-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1480**	ug/L	5000	1480	5000		01/30/23 11:20	71-43-2	
Bromobenzene	**<1800**	ug/L	5000	1800	5000		01/30/23 11:20	108-86-1	
Bromochloromethane	**<1790**	ug/L	25000	1790	5000		01/30/23 11:20	74-97-5	
Bromodichloromethane	**<2080**	ug/L	5000	2080	5000		01/30/23 11:20	75-27-4	
Bromoform	**<19000**	ug/L	25000	19000	5000		01/30/23 11:20	75-25-2	
Bromomethane	**<5960**	ug/L	25000	5960	5000		01/30/23 11:20	74-83-9	
n-Butylbenzene	**<4290**	ug/L	5000	4290	5000		01/30/23 11:20	104-51-8	
sec-Butylbenzene	**<2120**	ug/L	5000	2120	5000		01/30/23 11:20	135-98-8	
tert-Butylbenzene	**<2930**	ug/L	5000	2930	5000		01/30/23 11:20	98-06-6	
Carbon tetrachloride	**<1850**	ug/L	5000	1850	5000		01/30/23 11:20	56-23-5	
Chlorobenzene	**<4280**	ug/L	5000	4280	5000		01/30/23 11:20	108-90-7	
Chloroethane	**<6900**	ug/L	25000	6900	5000		01/30/23 11:20	75-00-3	
Chloroform	**<5910**	ug/L	25000	5910	5000		01/30/23 11:20	67-66-3	L1
Chloromethane	**<8180**	ug/L	25000	8180	5000		01/30/23 11:20	74-87-3	
2-Chlorotoluene	**<4450**	ug/L	25000	4450	5000		01/30/23 11:20	95-49-8	
4-Chlorotoluene	**<4470**	ug/L	25000	4470	5000		01/30/23 11:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<11800**	ug/L	25000	11800	5000		01/30/23 11:20	96-12-8	
Dibromochloromethane	**<13200**	ug/L	25000	13200	5000		01/30/23 11:20	124-48-1	
1,2-Dibromoethane (EDB)	**<1550**	ug/L	5000	1550	5000		01/30/23 11:20	106-93-4	
Dibromomethane	**<4950**	ug/L	25000	4950	5000		01/30/23 11:20	74-95-3	
1,2-Dichlorobenzene	**<1630**	ug/L	5000	1630	5000		01/30/23 11:20	95-50-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2103D **Lab ID: 40257568054** Collected: 01/25/23 13:30 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<1760**	ug/L	5000	1760	5000		01/30/23 11:20	541-73-1	
1,4-Dichlorobenzene	**<4460**	ug/L	5000	4460	5000		01/30/23 11:20	106-46-7	
Dichlorodifluoromethane	**<2280**	ug/L	25000	2280	5000		01/30/23 11:20	75-71-8	
1,1-Dichloroethane	**<1480**	ug/L	5000	1480	5000		01/30/23 11:20	75-34-3	
1,2-Dichloroethane	**<1460**	ug/L	5000	1460	5000		01/30/23 11:20	107-06-2	
1,1-Dichloroethene	**<2910**	ug/L	5000	2910	5000		01/30/23 11:20	75-35-4	
cis-1,2-Dichloroethene	**13700**	ug/L	5000	2360	5000		01/30/23 11:20	156-59-2	
trans-1,2-Dichloroethene	**<2640**	ug/L	5000	2640	5000		01/30/23 11:20	156-60-5	
1,2-Dichloropropane	**<2240**	ug/L	5000	2240	5000		01/30/23 11:20	78-87-5	
1,3-Dichloropropane	**<1520**	ug/L	5000	1520	5000		01/30/23 11:20	142-28-9	
2,2-Dichloropropane	**<20900**	ug/L	25000	20900	5000		01/30/23 11:20	594-20-7	
1,1-Dichloropropene	**<2050**	ug/L	5000	2050	5000		01/30/23 11:20	563-58-6	
cis-1,3-Dichloropropene	**<1790**	ug/L	5000	1790	5000		01/30/23 11:20	10061-01-5	
trans-1,3-Dichloropropene	**<17300**	ug/L	25000	17300	5000		01/30/23 11:20	10061-02-6	
Diisopropyl ether	**<5500**	ug/L	25000	5500	5000		01/30/23 11:20	108-20-3	
Ethylbenzene	**<1630**	ug/L	5000	1630	5000		01/30/23 11:20	100-41-4	
Hexachloro-1,3-butadiene	**<13700**	ug/L	25000	13700	5000		01/30/23 11:20	87-68-3	
Isopropylbenzene (Cumene)	**<5000**	ug/L	25000	5000	5000		01/30/23 11:20	98-82-8	
p-Isopropyltoluene	**<5220**	ug/L	25000	5220	5000		01/30/23 11:20	99-87-6	
Methylene Chloride	**<1600**	ug/L	25000	1600	5000		01/30/23 11:20	75-09-2	
Methyl-tert-butyl ether	**<5650**	ug/L	25000	5650	5000		01/30/23 11:20	1634-04-4	
Naphthalene	**<5650**	ug/L	25000	5650	5000		01/30/23 11:20	91-20-3	
n-Propylbenzene	**<1730**	ug/L	5000	1730	5000		01/30/23 11:20	103-65-1	
Styrene	**<1780**	ug/L	5000	1780	5000		01/30/23 11:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<1780**	ug/L	5000	1780	5000		01/30/23 11:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<1890**	ug/L	5000	1890	5000		01/30/23 11:20	79-34-5	
Tetrachloroethene	**<2040**	ug/L	5000	2040	5000		01/30/23 11:20	127-18-4	
Toluene	**<1440**	ug/L	5000	1440	5000		01/30/23 11:20	108-88-3	
1,2,3-Trichlorobenzene	**<5090**	ug/L	25000	5090	5000		01/30/23 11:20	87-61-6	
1,2,4-Trichlorobenzene	**<4750**	ug/L	25000	4750	5000		01/30/23 11:20	120-82-1	
1,1,1-Trichloroethane	**<1510**	ug/L	5000	1510	5000		01/30/23 11:20	71-55-6	
1,1,2-Trichloroethane	**<1720**	ug/L	25000	1720	5000		01/30/23 11:20	79-00-5	
Trichloroethene	**198000**	ug/L	5000	1600	5000		01/30/23 11:20	79-01-6	
Trichlorofluoromethane	**<2090**	ug/L	5000	2090	5000		01/30/23 11:20	75-69-4	
1,2,3-Trichloropropane	**<2780**	ug/L	25000	2780	5000		01/30/23 11:20	96-18-4	
1,2,4-Trimethylbenzene	**<2240**	ug/L	5000	2240	5000		01/30/23 11:20	95-63-6	
1,3,5-Trimethylbenzene	**<1790**	ug/L	5000	1790	5000		01/30/23 11:20	108-67-8	
Vinyl chloride	**<872**	ug/L	5000	872	5000		01/30/23 11:20	75-01-4	
Xylene (Total)	**<5240**	ug/L	15000	5240	5000		01/30/23 11:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		5000		01/30/23 11:20	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		5000		01/30/23 11:20	2199-69-1	
Toluene-d8 (S)	94	%	70-130		5000		01/30/23 11:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2103D **Lab ID: 40257568054** Collected: 01/25/23 13:30 Received: 01/26/23 08:00 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	**2.0J**	mg/L	4.0	1.2	1		01/30/23 13:16		
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**802J**	mg/L	1000	216	500		02/03/23 00:16	16887-00-6	D3
Sulfate	**14300**	mg/L	1000	222	500		02/03/23 00:16	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**4670**	mg/L	250	74.4	10		02/06/23 11:12		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**8680**	mg/L	3330	982	1	02/06/23 06:00	02/06/23 08:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2070**	mg/L	150	41.5	300		02/02/23 01:11	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2112 **Lab ID: 40257568055** Collected: 01/24/23 12:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**2.1J**	ug/L	5.6	0.39	1		01/31/23 11:37	74-84-0	
Ethene	**49.1**	ug/L	5.0	0.25	1		01/31/23 11:37	74-85-1	
Methane	**1030**	ug/L	28.0	5.8	10		01/31/23 14:13	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**3.5**	mg/L	0.25	0.058	1	01/30/23 06:22	02/07/23 08:36	7439-89-6	
Manganese	**0.31**	mg/L	0.0040	0.0012	1	01/30/23 06:22	02/07/23 08:36	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.070**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 05:00	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 05:00	7440-47-3	
Iron, Dissolved	**3.0**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 05:00	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 05:00	7439-92-1	
Manganese, Dissolved	**0.29**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 05:00	7439-96-5	
Nickel, Dissolved	**0.0019**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 05:00	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<3.0**	ug/L	10.0	3.0	10		01/27/23 19:08	71-43-2	
Bromobenzene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 19:08	108-86-1	
Bromochloromethane	**<3.6**	ug/L	50.0	3.6	10		01/27/23 19:08	74-97-5	
Bromodichloromethane	**<4.2**	ug/L	10.0	4.2	10		01/27/23 19:08	75-27-4	
Bromoform	**<38.0**	ug/L	50.0	38.0	10		01/27/23 19:08	75-25-2	
Bromomethane	**<11.9**	ug/L	50.0	11.9	10		01/27/23 19:08	74-83-9	
n-Butylbenzene	**<8.6**	ug/L	10.0	8.6	10		01/27/23 19:08	104-51-8	
sec-Butylbenzene	**<4.2**	ug/L	10.0	4.2	10		01/27/23 19:08	135-98-8	
tert-Butylbenzene	**<5.9**	ug/L	10.0	5.9	10		01/27/23 19:08	98-06-6	
Carbon tetrachloride	**<3.7**	ug/L	10.0	3.7	10		01/27/23 19:08	56-23-5	
Chlorobenzene	**<8.6**	ug/L	10.0	8.6	10		01/27/23 19:08	108-90-7	
Chloroethane	**<13.8**	ug/L	50.0	13.8	10		01/27/23 19:08	75-00-3	
Chloroform	**<11.8**	ug/L	50.0	11.8	10		01/27/23 19:08	67-66-3	L1
Chloromethane	**<16.4**	ug/L	50.0	16.4	10		01/27/23 19:08	74-87-3	
2-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/27/23 19:08	95-49-8	
4-Chlorotoluene	**<8.9**	ug/L	50.0	8.9	10		01/27/23 19:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<23.7**	ug/L	50.0	23.7	10		01/27/23 19:08	96-12-8	
Dibromochloromethane	**<26.4**	ug/L	50.0	26.4	10		01/27/23 19:08	124-48-1	
1,2-Dibromoethane (EDB)	**<3.1**	ug/L	10.0	3.1	10		01/27/23 19:08	106-93-4	
Dibromomethane	**<9.9**	ug/L	50.0	9.9	10		01/27/23 19:08	74-95-3	
1,2-Dichlorobenzene	**<3.3**	ug/L	10.0	3.3	10		01/27/23 19:08	95-50-1	
1,3-Dichlorobenzene	**<3.5**	ug/L	10.0	3.5	10		01/27/23 19:08	541-73-1	
1,4-Dichlorobenzene	**<8.9**	ug/L	10.0	8.9	10		01/27/23 19:08	106-46-7	
Dichlorodifluoromethane	**<4.6**	ug/L	50.0	4.6	10		01/27/23 19:08	75-71-8	
1,1-Dichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/27/23 19:08	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2112 **Lab ID: 40257568055** Collected: 01/24/23 12:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<2.9**	ug/L	10.0	2.9	10		01/27/23 19:08	107-06-2	
1,1-Dichloroethene	**<5.8**	ug/L	10.0	5.8	10		01/27/23 19:08	75-35-4	
cis-1,2-Dichloroethene	**516**	ug/L	10.0	4.7	10		01/27/23 19:08	156-59-2	
trans-1,2-Dichloroethene	**14.4**	ug/L	10.0	5.3	10		01/27/23 19:08	156-60-5	
1,2-Dichloropropane	**<4.5**	ug/L	10.0	4.5	10		01/27/23 19:08	78-87-5	
1,3-Dichloropropane	**<3.0**	ug/L	10.0	3.0	10		01/27/23 19:08	142-28-9	
2,2-Dichloropropane	**<41.8**	ug/L	50.0	41.8	10		01/27/23 19:08	594-20-7	
1,1-Dichloropropene	**<4.1**	ug/L	10.0	4.1	10		01/27/23 19:08	563-58-6	
cis-1,3-Dichloropropene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 19:08	10061-01-5	
trans-1,3-Dichloropropene	**<34.6**	ug/L	50.0	34.6	10		01/27/23 19:08	10061-02-6	
Diisopropyl ether	**<11.0**	ug/L	50.0	11.0	10		01/27/23 19:08	108-20-3	
Ethylbenzene	**<3.3**	ug/L	10.0	3.3	10		01/27/23 19:08	100-41-4	
Hexachloro-1,3-butadiene	**<27.4**	ug/L	50.0	27.4	10		01/27/23 19:08	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	50.0	10.0	10		01/27/23 19:08	98-82-8	
p-Isopropyltoluene	**<10.4**	ug/L	50.0	10.4	10		01/27/23 19:08	99-87-6	
Methylene Chloride	**<3.2**	ug/L	50.0	3.2	10		01/27/23 19:08	75-09-2	
Methyl-tert-butyl ether	**<11.3**	ug/L	50.0	11.3	10		01/27/23 19:08	1634-04-4	
Naphthalene	**<11.3**	ug/L	50.0	11.3	10		01/27/23 19:08	91-20-3	
n-Propylbenzene	**<3.5**	ug/L	10.0	3.5	10		01/27/23 19:08	103-65-1	
Styrene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 19:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<3.6**	ug/L	10.0	3.6	10		01/27/23 19:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<3.8**	ug/L	10.0	3.8	10		01/27/23 19:08	79-34-5	
Tetrachloroethene	**<4.1**	ug/L	10.0	4.1	10		01/27/23 19:08	127-18-4	
Toluene	**<2.9**	ug/L	10.0	2.9	10		01/27/23 19:08	108-88-3	
1,2,3-Trichlorobenzene	**<10.2**	ug/L	50.0	10.2	10		01/27/23 19:08	87-61-6	
1,2,4-Trichlorobenzene	**<9.5**	ug/L	50.0	9.5	10		01/27/23 19:08	120-82-1	
1,1,1-Trichloroethane	**<3.0**	ug/L	10.0	3.0	10		01/27/23 19:08	71-55-6	
1,1,2-Trichloroethane	**<3.4**	ug/L	50.0	3.4	10		01/27/23 19:08	79-00-5	
Trichloroethene	**<3.2**	ug/L	10.0	3.2	10		01/27/23 19:08	79-01-6	
Trichlorofluoromethane	**<4.2**	ug/L	10.0	4.2	10		01/27/23 19:08	75-69-4	
1,2,3-Trichloropropane	**<5.6**	ug/L	50.0	5.6	10		01/27/23 19:08	96-18-4	
1,2,4-Trimethylbenzene	**<4.5**	ug/L	10.0	4.5	10		01/27/23 19:08	95-63-6	
1,3,5-Trimethylbenzene	**<3.6**	ug/L	10.0	3.6	10		01/27/23 19:08	108-67-8	
Vinyl chloride	**332**	ug/L	10.0	1.7	10		01/27/23 19:08	75-01-4	
Xylene (Total)	**<10.5**	ug/L	30.0	10.5	10		01/27/23 19:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		10		01/27/23 19:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		10		01/27/23 19:08	2199-69-1	
Toluene-d8 (S)	91	%	70-130		10		01/27/23 19:08	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**1.6J**	mg/L	4.0	1.2	1		01/30/23 13:18		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: MW-2112 **Lab ID: 40257568055** Collected: 01/24/23 12:10 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**70.6**	mg/L	20.0	4.3	10		01/31/23 16:51	16887-00-6	
Sulfate	**377**	mg/L	20.0	4.4	10		01/31/23 16:51	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**321**	mg/L	25.0	7.4	1		02/06/23 11:13		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**49.6J**	mg/L	50.0	14.7	1	02/06/23 06:00	02/06/23 08:35		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**11.4**	mg/L	3.0	0.83	6		02/02/23 03:29	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2112 **Lab ID: 40257568056** Collected: 01/24/23 13:15 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**<0.39**	ug/L	5.6	0.39	1		01/31/23 11:44	74-84-0	
Ethene	**1.3J**	ug/L	5.0	0.25	1		01/31/23 11:44	74-85-1	
Methane	**2560**	ug/L	112	23.0	40		01/31/23 14:20	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1.8**	mg/L	0.25	0.058	1	01/30/23 06:22	02/07/23 08:43	7439-89-6	
Manganese	**0.074**	mg/L	0.0040	0.0012	1	01/30/23 06:22	02/07/23 08:43	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.28**	mg/L	0.0023	0.00070	1	01/30/23 06:19	02/03/23 05:07	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/30/23 06:19	02/03/23 05:07	7440-47-3	
Iron, Dissolved	**1.4**	mg/L	0.25	0.058	1	01/30/23 06:19	02/03/23 05:07	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/30/23 06:19	02/03/23 05:07	7439-92-1	
Manganese, Dissolved	**0.072**	mg/L	0.0040	0.0012	1	01/30/23 06:19	02/03/23 05:07	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/30/23 06:19	02/03/23 05:07	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 16:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:12	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 16:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:12	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:12	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 16:12	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 16:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 16:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 16:12	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 16:12	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 16:12	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 16:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 16:12	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 16:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 16:12	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 16:12	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:12	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:12	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 16:12	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 16:12	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:12	75-34-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2112 **Lab ID: 40257568056** Collected: 01/24/23 13:15 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:12	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 16:12	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 16:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 16:12	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:12	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:12	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 16:12	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:12	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:12	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 16:12	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 16:12	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 16:12	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:12	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:12	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 16:12	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:12	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 16:12	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 16:12	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 16:12	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 16:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 16:12	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 16:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 16:12	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 16:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 16:12	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 16:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 16:12	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 16:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 16:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 16:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 16:12	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 16:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		01/27/23 16:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/27/23 16:12	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		01/27/23 16:12	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/30/23 13:20		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2112 **Lab ID: 40257568056** Collected: 01/24/23 13:15 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**211**	mg/L	20.0	4.3	10		01/31/23 17:04	16887-00-6	
Sulfate	**64.7**	mg/L	20.0	4.4	10		01/31/23 17:04	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**524**	mg/L	50.0	14.9	2		02/06/23 11:14		
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	02/06/23 06:00	02/06/23 08:35		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.2**	mg/L	0.50	0.14	1		02/02/23 01:40	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: TB-01 **Lab ID: 40257568057** Collected: 01/23/23 10:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 14:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:15	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 14:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 14:15	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 14:15	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 14:15	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 14:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 14:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 14:15	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 14:15	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 14:15	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 14:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 14:15	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 14:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 14:15	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 14:15	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 14:15	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 14:15	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 14:15	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 14:15	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:15	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 14:15	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 14:15	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 14:15	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 14:15	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 14:15	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:15	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 14:15	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 14:15	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:15	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 14:15	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:15	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 14:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 14:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:15	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:15	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 14:15	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:15	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:15	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 14:15	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:15	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: TB-01 **Lab ID: 40257568057** Collected: 01/23/23 10:45 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 14:15	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 14:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 14:15	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 14:15	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:15	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 14:15	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 14:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:15	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 14:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 14:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:15	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 14:15	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 14:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/27/23 14:15	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/27/23 14:15	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		01/27/23 14:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: TB-02 **Lab ID: 40257568058** Collected: 01/25/23 16:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:34	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/27/23 14:34	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:34	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		01/27/23 14:34	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/27/23 14:34	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 14:34	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:34	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/27/23 14:34	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/27/23 14:34	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/27/23 14:34	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/27/23 14:34	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		01/27/23 14:34	67-66-3	L1
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/27/23 14:34	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 14:34	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/27/23 14:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/27/23 14:34	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/27/23 14:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/27/23 14:34	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/27/23 14:34	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 14:34	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 14:34	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/27/23 14:34	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/27/23 14:34	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:34	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/27/23 14:34	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/27/23 14:34	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/27/23 14:34	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/27/23 14:34	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/27/23 14:34	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:34	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		01/27/23 14:34	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 14:34	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:34	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		01/27/23 14:34	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:34	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/27/23 14:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/27/23 14:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:34	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:34	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/27/23 14:34	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:34	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		01/27/23 14:34	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/27/23 14:34	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: TB-02 **Lab ID: 40257568058** Collected: 01/25/23 16:00 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/27/23 14:34	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/27/23 14:34	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/27/23 14:34	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/27/23 14:34	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/27/23 14:34	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/27/23 14:34	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		01/27/23 14:34	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/27/23 14:34	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/27/23 14:34	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		01/27/23 14:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/27/23 14:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/27/23 14:34	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/27/23 14:34	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/27/23 14:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/27/23 14:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/27/23 14:34	2199-69-1	
Toluene-d8 (S)	93	%	70-130		1		01/27/23 14:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2101 **Lab ID: 40257568059** Collected: 01/25/23 13:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**3690**	ug/L	1120	78.6	200		01/31/23 14:27	74-84-0	pH
Ethene	**20700**	ug/L	1000	50.4	200		01/31/23 14:27	74-85-1	pH
Methane	**1730**	ug/L	560	115	200		01/31/23 14:27	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**615**	mg/L	2.5	0.58	10	01/30/23 06:22	02/07/23 08:50	7439-89-6	
Manganese	**1.9**	mg/L	0.040	0.012	10	01/30/23 06:22	02/07/23 08:50	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**2.3**	mg/L	0.023	0.0070	10	01/30/23 06:19	02/03/23 05:15	7440-39-3	
Calcium, Dissolved	**1290**	mg/L	2.5	0.76	10	01/30/23 06:19	02/03/23 05:15	7440-70-2	
Chromium, Dissolved	**<0.010**	mg/L	0.034	0.010	10	01/30/23 06:19	02/03/23 05:15	7440-47-3	D3
Iron, Dissolved	**584**	mg/L	2.5	0.58	10	01/30/23 06:19	02/03/23 05:15	7439-89-6	
Lead, Dissolved	**<0.0024**	mg/L	0.010	0.0024	10	01/30/23 06:19	02/03/23 05:15	7439-92-1	D3
Magnesium, Dissolved	**205**	mg/L	2.5	0.31	10	01/30/23 06:19	02/03/23 05:15	7439-95-4	
Manganese, Dissolved	**1.8**	mg/L	0.040	0.012	10	01/30/23 06:19	02/03/23 05:15	7439-96-5	
Nickel, Dissolved	**<0.0028**	mg/L	0.010	0.0028	10	01/30/23 06:19	02/03/23 05:15	7440-02-0	D3
Potassium, Dissolved	**8.4**	mg/L	7.9	2.4	10	01/30/23 06:19	02/03/23 05:15	7440-09-7	
Sodium, Dissolved	**613**	mg/L	2.5	0.42	10	01/30/23 06:19	02/03/23 05:15	7440-23-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<295**	ug/L	1000	295	1000		01/27/23 17:30	71-43-2	
Bromobenzene	**<361**	ug/L	1000	361	1000		01/27/23 17:30	108-86-1	
Bromochloromethane	**<358**	ug/L	5000	358	1000		01/27/23 17:30	74-97-5	
Bromodichloromethane	**<415**	ug/L	1000	415	1000		01/27/23 17:30	75-27-4	
Bromoform	**<3800**	ug/L	5000	3800	1000		01/27/23 17:30	75-25-2	
Bromomethane	**<1190**	ug/L	5000	1190	1000		01/27/23 17:30	74-83-9	
n-Butylbenzene	**<857**	ug/L	1000	857	1000		01/27/23 17:30	104-51-8	
sec-Butylbenzene	**<424**	ug/L	1000	424	1000		01/27/23 17:30	135-98-8	
tert-Butylbenzene	**<586**	ug/L	1000	586	1000		01/27/23 17:30	98-06-6	
Carbon tetrachloride	**<369**	ug/L	1000	369	1000		01/27/23 17:30	56-23-5	
Chlorobenzene	**<855**	ug/L	1000	855	1000		01/27/23 17:30	108-90-7	
Chloroethane	**<1380**	ug/L	5000	1380	1000		01/27/23 17:30	75-00-3	
Chloroform	**<1180**	ug/L	5000	1180	1000		01/27/23 17:30	67-66-3	L1
Chloromethane	**<1640**	ug/L	5000	1640	1000		01/27/23 17:30	74-87-3	
2-Chlorotoluene	**<890**	ug/L	5000	890	1000		01/27/23 17:30	95-49-8	
4-Chlorotoluene	**<894**	ug/L	5000	894	1000		01/27/23 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<2370**	ug/L	5000	2370	1000		01/27/23 17:30	96-12-8	
Dibromochloromethane	**<2640**	ug/L	5000	2640	1000		01/27/23 17:30	124-48-1	
1,2-Dibromoethane (EDB)	**<309**	ug/L	1000	309	1000		01/27/23 17:30	106-93-4	
Dibromomethane	**<991**	ug/L	5000	991	1000		01/27/23 17:30	74-95-3	
1,2-Dichlorobenzene	**<326**	ug/L	1000	326	1000		01/27/23 17:30	95-50-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2101 **Lab ID: 40257568059** Collected: 01/25/23 13:20 Received: 01/26/23 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,3-Dichlorobenzene	**<351**	ug/L	1000	351	1000		01/27/23 17:30	541-73-1	
1,4-Dichlorobenzene	**<892**	ug/L	1000	892	1000		01/27/23 17:30	106-46-7	
Dichlorodifluoromethane	**<455**	ug/L	5000	455	1000		01/27/23 17:30	75-71-8	
1,1-Dichloroethane	**<296**	ug/L	1000	296	1000		01/27/23 17:30	75-34-3	
1,2-Dichloroethane	**<292**	ug/L	1000	292	1000		01/27/23 17:30	107-06-2	
1,1-Dichloroethene	**<582**	ug/L	1000	582	1000		01/27/23 17:30	75-35-4	
cis-1,2-Dichloroethene	**52900**	ug/L	1000	472	1000		01/27/23 17:30	156-59-2	
trans-1,2-Dichloroethene	**<528**	ug/L	1000	528	1000		01/27/23 17:30	156-60-5	
1,2-Dichloropropane	**<448**	ug/L	1000	448	1000		01/27/23 17:30	78-87-5	
1,3-Dichloropropane	**<305**	ug/L	1000	305	1000		01/27/23 17:30	142-28-9	
2,2-Dichloropropane	**<4180**	ug/L	5000	4180	1000		01/27/23 17:30	594-20-7	
1,1-Dichloropropene	**<410**	ug/L	1000	410	1000		01/27/23 17:30	563-58-6	
cis-1,3-Dichloropropene	**<358**	ug/L	1000	358	1000		01/27/23 17:30	10061-01-5	
trans-1,3-Dichloropropene	**<3460**	ug/L	5000	3460	1000		01/27/23 17:30	10061-02-6	
Diisopropyl ether	**<1100**	ug/L	5000	1100	1000		01/27/23 17:30	108-20-3	
Ethylbenzene	**<325**	ug/L	1000	325	1000		01/27/23 17:30	100-41-4	
Hexachloro-1,3-butadiene	**<2740**	ug/L	5000	2740	1000		01/27/23 17:30	87-68-3	
Isopropylbenzene (Cumene)	**<1000**	ug/L	5000	1000	1000		01/27/23 17:30	98-82-8	
p-Isopropyltoluene	**<1040**	ug/L	5000	1040	1000		01/27/23 17:30	99-87-6	
Methylene Chloride	**<319**	ug/L	5000	319	1000		01/27/23 17:30	75-09-2	
Methyl-tert-butyl ether	**<1130**	ug/L	5000	1130	1000		01/27/23 17:30	1634-04-4	
Naphthalene	**<1130**	ug/L	5000	1130	1000		01/27/23 17:30	91-20-3	
n-Propylbenzene	**<345**	ug/L	1000	345	1000		01/27/23 17:30	103-65-1	
Styrene	**<356**	ug/L	1000	356	1000		01/27/23 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<355**	ug/L	1000	355	1000		01/27/23 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<378**	ug/L	1000	378	1000		01/27/23 17:30	79-34-5	
Tetrachloroethene	**<409**	ug/L	1000	409	1000		01/27/23 17:30	127-18-4	
Toluene	**<288**	ug/L	1000	288	1000		01/27/23 17:30	108-88-3	
1,2,3-Trichlorobenzene	**<1020**	ug/L	5000	1020	1000		01/27/23 17:30	87-61-6	
1,2,4-Trichlorobenzene	**<951**	ug/L	5000	951	1000		01/27/23 17:30	120-82-1	
1,1,1-Trichloroethane	**<303**	ug/L	1000	303	1000		01/27/23 17:30	71-55-6	
1,1,2-Trichloroethane	**<344**	ug/L	5000	344	1000		01/27/23 17:30	79-00-5	
Trichloroethene	**85100**	ug/L	1000	320	1000		01/27/23 17:30	79-01-6	
Trichlorofluoromethane	**<419**	ug/L	1000	419	1000		01/27/23 17:30	75-69-4	
1,2,3-Trichloropropane	**<555**	ug/L	5000	555	1000		01/27/23 17:30	96-18-4	
1,2,4-Trimethylbenzene	**<449**	ug/L	1000	449	1000		01/27/23 17:30	95-63-6	
1,3,5-Trimethylbenzene	**<357**	ug/L	1000	357	1000		01/27/23 17:30	108-67-8	
Vinyl chloride	**21200**	ug/L	1000	174	1000		01/27/23 17:30	75-01-4	
Xylene (Total)	**<1050**	ug/L	3000	1050	1000		01/27/23 17:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1000		01/27/23 17:30	460-00-4	pH
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1000		01/27/23 17:30	2199-69-1	
Toluene-d8 (S)	91	%	70-130		1000		01/27/23 17:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60682984 KEP
Pace Project No.: 40257568

Sample: PZ-2101 **Lab ID: 40257568059** Collected: 01/25/23 13:20 Received: 01/26/23 08:00 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		01/30/23 13:22		
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**901**	mg/L	40.0	8.6	20		01/31/23 17:55	16887-00-6	
Sulfate	**<8.9**	mg/L	40.0	8.9	20		01/31/23 17:55	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**4600**	mg/L	250	74.4	10		02/06/23 11:15		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**11600**	mg/L	1000	295	1	02/06/23 06:00	02/06/23 08:35		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3640**	mg/L	150	41.5	300		02/02/23 01:58	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436735
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030

METHOD BLANK: 2511557 Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	01/30/23 09:34	
Ethene	ug/L	<0.25	5.0	01/30/23 09:34	
Methane	ug/L	<0.58	2.8	01/30/23 09:34	

LABORATORY CONTROL SAMPLE & LCSD: 2511558 2511559

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	52.0	56.0	97	105	74-120	8	20	
Ethene	ug/L	50	49.3	53.0	99	106	71-122	7	20	
Methane	ug/L	28.6	27.8	30.1	97	105	73-120	8	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511709 2511710

Parameter	Units	40257568021 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	50.9	55.3	95	103	70-120	8	20	
Ethene	ug/L	<0.25	50	50	48.0	52.0	96	104	68-122	8	20	
Methane	ug/L	<0.58	28.6	28.6	28.8	31.4	101	110	10-200	9	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436805
QC Batch Method: EPA 8015B Modified
Analysis Method: EPA 8015B Modified
Analysis Description: Methane, Ethane, Ethene GCV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2511731 Matrix: Water
Associated Lab Samples: 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	01/31/23 08:45	
Ethene	ug/L	<0.25	5.0	01/31/23 08:45	
Methane	ug/L	<0.58	2.8	01/31/23 08:45	

LABORATORY CONTROL SAMPLE & LCSD: 2511732 2511733

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	55.5	58.2	104	109	74-120	5	20	
Ethene	ug/L	50	52.7	54.8	105	110	71-122	4	20	
Methane	ug/L	28.6	30.0	31.5	105	110	73-120	5	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511968 2511969

Parameter	Units	40257583003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	0.52J	53.6	53.6	53.3	57.2	99	106	70-120	7	20	
Ethene	ug/L	2.3J	50	50	50.6	54.0	97	103	68-122	7	20	
Methane	ug/L	<0.58	28.6	28.6	28.5	31.0	100	108	10-200	8	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436715
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

METHOD BLANK: 2511498
Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	02/01/23 03:32	
Manganese	mg/L	<0.0012	0.0040	02/01/23 03:32	

LABORATORY CONTROL SAMPLE: 2511499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	9.5	95	80-120	
Manganese	mg/L	0.25	0.23	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511500 2511501

Parameter	Units	40257568003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.23J	10	10	9.9	10	97	98	75-125	1	20	
Manganese	mg/L	0.0020J	0.25	0.25	0.24	0.24	94	95	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436718
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568034, 40257568035, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2511512 Matrix: Water
Associated Lab Samples: 40257568034, 40257568035, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	02/07/23 05:09	
Manganese	mg/L	<0.0012	0.0040	02/07/23 05:09	

LABORATORY CONTROL SAMPLE: 2511513

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.5	105	80-120	
Manganese	mg/L	0.25	0.27	108	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511514 2511515

Parameter	Units	40257568034 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	4.2	10	10	14.1	14.4	99	102	75-125	3	20	
Manganese	mg/L	0.11	0.25	0.25	0.37	0.37	101	103	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436713
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

METHOD BLANK: 2511488 Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	02/02/23 13:51	
Calcium, Dissolved	mg/L	<0.076	0.25	02/02/23 13:51	
Chromium, Dissolved	mg/L	<0.0010	0.0034	02/02/23 13:51	
Iron, Dissolved	mg/L	<0.058	0.25	02/02/23 13:51	
Lead, Dissolved	mg/L	<0.00024	0.0010	02/02/23 13:51	
Magnesium, Dissolved	mg/L	<0.031	0.25	02/02/23 13:51	
Manganese, Dissolved	mg/L	<0.0012	0.0040	02/02/23 13:51	
Nickel, Dissolved	mg/L	<0.00028	0.0010	02/02/23 13:51	
Potassium, Dissolved	mg/L	<0.24	0.79	02/02/23 13:51	
Sodium, Dissolved	mg/L	<0.042	0.25	02/02/23 13:51	

LABORATORY CONTROL SAMPLE: 2511489

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	9.9	99	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	98	80-120	
Iron, Dissolved	mg/L	10	9.5	95	80-120	
Lead, Dissolved	mg/L	0.25	0.25	99	80-120	
Magnesium, Dissolved	mg/L	10	9.8	98	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	98	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	98	80-120	
Potassium, Dissolved	mg/L	10	10	100	80-120	
Sodium, Dissolved	mg/L	10	9.6	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511490 2511491

Parameter	Units	40257568003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium, Dissolved	mg/L	0.014	0.25	0.25	0.26	0.27	99	101	75-125	2	20	
Calcium, Dissolved	mg/L	5.1	10	10	14.8	15.2	97	101	75-125	2	20	
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.25	0.26	100	104	75-125	4	20	
Iron, Dissolved	mg/L	<0.058	10	10	10.3	10.4	103	104	75-125	2	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.25	0.26	101	103	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511490 2511491

Parameter	Units	40257568003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Magnesium, Dissolved	mg/L	0.66	10	10	10.6	10.9	100	103	75-125	3	20	
Manganese, Dissolved	mg/L	<0.0012	0.25	0.25	0.26	0.26	105	106	75-125	1	20	
Nickel, Dissolved	mg/L	<0.00028	0.25	0.25	0.25	0.25	99	102	75-125	3	20	
Potassium, Dissolved	mg/L	1.8	10	10	11.6	12.0	98	102	75-125	3	20	
Sodium, Dissolved	mg/L	70.3	10	10	79.5	81.4	92	111	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436717
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568049, 40257568050, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2511508 Matrix: Water
Associated Lab Samples: 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568049, 40257568050, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	02/02/23 12:37	
Calcium, Dissolved	mg/L	<0.076	0.25	02/02/23 12:37	
Chromium, Dissolved	mg/L	<0.0010	0.0034	02/02/23 12:37	
Iron, Dissolved	mg/L	<0.058	0.25	02/02/23 12:37	
Lead, Dissolved	mg/L	<0.00024	0.0010	02/02/23 12:37	
Magnesium, Dissolved	mg/L	<0.031	0.25	02/02/23 12:37	
Manganese, Dissolved	mg/L	0.0013J	0.0040	02/02/23 12:37	
Nickel, Dissolved	mg/L	<0.00028	0.0010	02/02/23 12:37	
Potassium, Dissolved	mg/L	<0.24	0.79	02/02/23 12:37	
Sodium, Dissolved	mg/L	<0.042	0.25	02/02/23 12:37	

LABORATORY CONTROL SAMPLE: 2511509

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.24	97	80-120	
Calcium, Dissolved	mg/L	10	10.2	102	80-120	
Chromium, Dissolved	mg/L	0.25	0.25	102	80-120	
Iron, Dissolved	mg/L	10	9.8	98	80-120	
Lead, Dissolved	mg/L	0.25	0.25	99	80-120	
Magnesium, Dissolved	mg/L	10	10.4	104	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	101	80-120	
Nickel, Dissolved	mg/L	0.25	0.26	105	80-120	
Potassium, Dissolved	mg/L	10	10.2	102	80-120	
Sodium, Dissolved	mg/L	10	10.5	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511510 2511511

Parameter	Units	40257568053 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium, Dissolved	mg/L	0.022J	0.25	0.25	0.27	0.27	99	99	75-125	0	20	
Calcium, Dissolved	mg/L	441	10	10	468	462	275	207	75-125	1	20	P6
Chromium, Dissolved	mg/L	<0.010	0.25	0.25	0.26	0.25	101	100	75-125	1	20	
Iron, Dissolved	mg/L	70.5	10	10	82.8	82.2	123	117	75-125	1	20	
Lead, Dissolved	mg/L	<0.0024	0.25	0.25	0.26	0.27	105	106	75-125	2	20	
Magnesium, Dissolved	mg/L	205	10	10	219	219	142	143	75-125	0	20	P6
Manganese, Dissolved	mg/L	1.8	0.25	0.25	2.1	2.1	120	114	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511510 2511511

Parameter	Units	40257568053 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nickel, Dissolved	mg/L	0.0096J	0.25	0.25	0.25	0.25	96	98	75-125	2	20	
Potassium, Dissolved	mg/L	13.2	10	10	22.7	22.0	95	88	75-125	3	20	
Sodium, Dissolved	mg/L	7780	10	10	8020	8220	2350	4370	75-125	2	20	P6

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436637
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568038, 40257568039, 40257568040, 40257568041, 40257568042, 40257568043, 40257568044, 40257568045, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568057, 40257568058, 40257568059

METHOD BLANK: 2510968
Matrix: Water
Associated Lab Samples: 40257568038, 40257568039, 40257568040, 40257568041, 40257568042, 40257568043, 40257568044, 40257568045, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568057, 40257568058, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/27/23 12:37	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/27/23 12:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/27/23 12:37	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	01/27/23 12:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/27/23 12:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/27/23 12:37	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/27/23 12:37	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/27/23 12:37	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	01/27/23 12:37	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/27/23 12:37	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/27/23 12:37	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/27/23 12:37	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/27/23 12:37	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/27/23 12:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/27/23 12:37	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/27/23 12:37	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/27/23 12:37	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/27/23 12:37	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/27/23 12:37	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/27/23 12:37	
2,2-Dichloropropane	ug/L	<4.2	5.0	01/27/23 12:37	
2-Chlorotoluene	ug/L	<0.89	5.0	01/27/23 12:37	
4-Chlorotoluene	ug/L	<0.89	5.0	01/27/23 12:37	
Benzene	ug/L	<0.30	1.0	01/27/23 12:37	
Bromobenzene	ug/L	<0.36	1.0	01/27/23 12:37	
Bromochloromethane	ug/L	<0.36	5.0	01/27/23 12:37	
Bromodichloromethane	ug/L	<0.42	1.0	01/27/23 12:37	
Bromoform	ug/L	<3.8	5.0	01/27/23 12:37	
Bromomethane	ug/L	<1.2	5.0	01/27/23 12:37	
Carbon tetrachloride	ug/L	<0.37	1.0	01/27/23 12:37	
Chlorobenzene	ug/L	<0.86	1.0	01/27/23 12:37	
Chloroethane	ug/L	<1.4	5.0	01/27/23 12:37	
Chloroform	ug/L	<1.2	5.0	01/27/23 12:37	
Chloromethane	ug/L	<1.6	5.0	01/27/23 12:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/27/23 12:37	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	01/27/23 12:37	
Dibromochloromethane	ug/L	<2.6	5.0	01/27/23 12:37	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

METHOD BLANK: 2510968 Matrix: Water

Associated Lab Samples: 40257568038, 40257568039, 40257568040, 40257568041, 40257568042, 40257568043, 40257568044, 40257568045, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568057, 40257568058, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	01/27/23 12:37	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/27/23 12:37	
Diisopropyl ether	ug/L	<1.1	5.0	01/27/23 12:37	
Ethylbenzene	ug/L	<0.33	1.0	01/27/23 12:37	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/27/23 12:37	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/27/23 12:37	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/27/23 12:37	
Methylene Chloride	ug/L	<0.32	5.0	01/27/23 12:37	
n-Butylbenzene	ug/L	<0.86	1.0	01/27/23 12:37	
n-Propylbenzene	ug/L	<0.35	1.0	01/27/23 12:37	
Naphthalene	ug/L	<1.1	5.0	01/27/23 12:37	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/27/23 12:37	
sec-Butylbenzene	ug/L	<0.42	1.0	01/27/23 12:37	
Styrene	ug/L	<0.36	1.0	01/27/23 12:37	
tert-Butylbenzene	ug/L	<0.59	1.0	01/27/23 12:37	
Tetrachloroethene	ug/L	<0.41	1.0	01/27/23 12:37	
Toluene	ug/L	<0.29	1.0	01/27/23 12:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/27/23 12:37	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	01/27/23 12:37	
Trichloroethene	ug/L	<0.32	1.0	01/27/23 12:37	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/27/23 12:37	
Vinyl chloride	ug/L	<0.17	1.0	01/27/23 12:37	
Xylene (Total)	ug/L	<1.0	3.0	01/27/23 12:37	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	01/27/23 12:37	
4-Bromofluorobenzene (S)	%	95	70-130	01/27/23 12:37	
Toluene-d8 (S)	%	95	70-130	01/27/23 12:37	

LABORATORY CONTROL SAMPLE: 2510969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	63.1	126	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	45.4	91	69-130	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	60.6	121	70-130	
1,1-Dichloroethene	ug/L	50	62.4	125	74-131	
1,2,4-Trichlorobenzene	ug/L	50	39.3	79	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.2	76	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	46.6	93	70-130	
1,2-Dichloroethane	ug/L	50	58.0	116	70-137	
1,2-Dichloropropane	ug/L	50	58.4	117	80-121	
1,3-Dichlorobenzene	ug/L	50	48.5	97	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

LABORATORY CONTROL SAMPLE: 2510969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	46.5	93	70-130	
Benzene	ug/L	50	58.5	117	70-130	
Bromodichloromethane	ug/L	50	59.5	119	70-130	
Bromoform	ug/L	50	50.5	101	70-130	
Bromomethane	ug/L	50	44.0	88	21-147	
Carbon tetrachloride	ug/L	50	65.1	130	80-146	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	57.7	115	52-165	
Chloroform	ug/L	50	62.1	124	80-123	L1
Chloromethane	ug/L	50	46.1	92	51-122	
cis-1,2-Dichloroethene	ug/L	50	58.8	118	70-130	
cis-1,3-Dichloropropene	ug/L	50	58.6	117	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dichlorodifluoromethane	ug/L	50	37.7	75	25-121	
Ethylbenzene	ug/L	50	52.6	105	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.6	105	70-130	
Methyl-tert-butyl ether	ug/L	50	57.6	115	70-130	
Methylene Chloride	ug/L	50	61.2	122	70-130	
Styrene	ug/L	50	60.2	120	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	51.0	102	80-120	
trans-1,2-Dichloroethene	ug/L	50	61.1	122	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	70-130	
Trichloroethene	ug/L	50	60.4	121	70-130	
Trichlorofluoromethane	ug/L	50	59.3	119	65-160	
Vinyl chloride	ug/L	50	54.4	109	63-134	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511104 2511105

Parameter	Units	40257568038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	62.3	61.6	125	123	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	46.3	46.9	93	94	61-135	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	48.7	49.5	97	99	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	61.2	59.7	122	119	70-130	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	62.3	60.8	125	122	71-130	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	41.3	40.8	83	82	68-131	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	40.0	39.6	80	79	51-141	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	46.7	48.0	93	96	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.0	47.9	96	96	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511104 2511105

Parameter	Units	40257568038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	<0.29	50	50	61.1	60.0	122	120	70-137	2	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	59.8	58.5	120	117	80-121	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	49.4	49.5	99	99	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	46.8	47.0	94	94	70-130	0	20	
Benzene	ug/L	<0.30	50	50	58.7	57.8	117	116	70-130	2	20	
Bromodichloromethane	ug/L	<0.42	50	50	60.7	59.4	121	119	70-130	2	20	
Bromoform	ug/L	<3.8	50	50	50.8	50.4	102	101	70-133	1	20	
Bromomethane	ug/L	<1.2	50	50	46.0	48.8	92	98	21-149	6	22	
Carbon tetrachloride	ug/L	<0.37	50	50	66.3	63.6	133	127	80-146	4	20	
Chlorobenzene	ug/L	<0.86	50	50	52.0	51.8	104	104	70-130	0	20	
Chloroethane	ug/L	<1.4	50	50	60.2	57.0	120	114	52-165	6	20	
Chloroform	ug/L	<1.2	50	50	63.1	62.2	126	124	80-123	1	20	M0
Chloromethane	ug/L	<1.6	50	50	42.3	41.2	85	82	42-125	3	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	59.9	60.5	120	121	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	60.3	58.5	121	117	70-130	3	20	
Dibromochloromethane	ug/L	<2.6	50	50	51.6	51.2	103	102	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	32.5	30.7	65	61	25-121	6	20	
Ethylbenzene	ug/L	<0.33	50	50	52.5	51.7	105	103	80-121	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	50.8	50.8	102	102	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	58.3	57.8	117	116	70-130	1	20	
Methylene Chloride	ug/L	<0.32	50	50	61.2	60.6	122	121	70-130	1	20	
Styrene	ug/L	<0.36	50	50	60.6	60.5	121	121	70-132	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	49.2	48.4	98	97	70-130	2	20	
Toluene	ug/L	<0.29	50	50	50.5	49.9	101	100	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	60.7	60.2	121	120	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	47.8	47.7	96	95	70-130	0	20	
Trichloroethene	ug/L	<0.32	50	50	61.1	60.0	122	120	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	59.5	57.0	119	114	65-160	4	20	
Vinyl chloride	ug/L	<0.17	50	50	52.2	49.7	104	99	60-137	5	20	
Xylene (Total)	ug/L	<1.0	150	150	158	155	105	103	70-130	2	20	
1,2-Dichlorobenzene-d4 (S)	%						98	101	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						94	93	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436638
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568018, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568025, 40257568026, 40257568027, 40257568028, 40257568029, 40257568030, 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568036, 40257568037

METHOD BLANK: 2510971
Matrix: Water
Associated Lab Samples: 40257568018, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568025, 40257568026, 40257568027, 40257568028, 40257568029, 40257568030, 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568036, 40257568037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/27/23 12:58	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/27/23 12:58	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/27/23 12:58	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	01/27/23 12:58	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/27/23 12:58	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/27/23 12:58	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/27/23 12:58	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/27/23 12:58	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	01/27/23 12:58	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/27/23 12:58	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/27/23 12:58	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/27/23 12:58	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/27/23 12:58	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/27/23 12:58	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/27/23 12:58	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/27/23 12:58	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/27/23 12:58	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/27/23 12:58	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/27/23 12:58	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/27/23 12:58	
2,2-Dichloropropane	ug/L	<4.2	5.0	01/27/23 12:58	
2-Chlorotoluene	ug/L	<0.89	5.0	01/27/23 12:58	
4-Chlorotoluene	ug/L	<0.89	5.0	01/27/23 12:58	
Benzene	ug/L	<0.30	1.0	01/27/23 12:58	
Bromobenzene	ug/L	<0.36	1.0	01/27/23 12:58	
Bromochloromethane	ug/L	<0.36	5.0	01/27/23 12:58	
Bromodichloromethane	ug/L	<0.42	1.0	01/27/23 12:58	
Bromoform	ug/L	<3.8	5.0	01/27/23 12:58	
Bromomethane	ug/L	<1.2	5.0	01/27/23 12:58	
Carbon tetrachloride	ug/L	<0.37	1.0	01/27/23 12:58	
Chlorobenzene	ug/L	<0.86	1.0	01/27/23 12:58	
Chloroethane	ug/L	<1.4	5.0	01/27/23 12:58	
Chloroform	ug/L	<1.2	5.0	01/27/23 12:58	
Chloromethane	ug/L	<1.6	5.0	01/27/23 12:58	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/27/23 12:58	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	01/27/23 12:58	
Dibromochloromethane	ug/L	<2.6	5.0	01/27/23 12:58	

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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

METHOD BLANK: 2510971 Matrix: Water

Associated Lab Samples: 40257568018, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568025, 40257568026, 40257568027, 40257568028, 40257568029, 40257568030, 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568036, 40257568037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	01/27/23 12:58	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/27/23 12:58	
Diisopropyl ether	ug/L	<1.1	5.0	01/27/23 12:58	
Ethylbenzene	ug/L	<0.33	1.0	01/27/23 12:58	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/27/23 12:58	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/27/23 12:58	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/27/23 12:58	
Methylene Chloride	ug/L	<0.32	5.0	01/27/23 12:58	
n-Butylbenzene	ug/L	<0.86	1.0	01/27/23 12:58	
n-Propylbenzene	ug/L	<0.35	1.0	01/27/23 12:58	
Naphthalene	ug/L	<1.1	5.0	01/27/23 12:58	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/27/23 12:58	
sec-Butylbenzene	ug/L	<0.42	1.0	01/27/23 12:58	
Styrene	ug/L	<0.36	1.0	01/27/23 12:58	
tert-Butylbenzene	ug/L	<0.59	1.0	01/27/23 12:58	
Tetrachloroethene	ug/L	<0.41	1.0	01/27/23 12:58	
Toluene	ug/L	<0.29	1.0	01/27/23 12:58	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/27/23 12:58	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	01/27/23 12:58	
Trichloroethene	ug/L	<0.32	1.0	01/27/23 12:58	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/27/23 12:58	
Vinyl chloride	ug/L	<0.17	1.0	01/27/23 12:58	
Xylene (Total)	ug/L	<1.0	3.0	01/27/23 12:58	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	01/27/23 12:58	
4-Bromofluorobenzene (S)	%	99	70-130	01/27/23 12:58	
Toluene-d8 (S)	%	103	70-130	01/27/23 12:58	

LABORATORY CONTROL SAMPLE: 2510972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.4	117	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	69-130	
1,1,2-Trichloroethane	ug/L	50	51.8	104	70-130	
1,1-Dichloroethane	ug/L	50	53.7	107	70-130	
1,1-Dichloroethene	ug/L	50	53.2	106	74-131	
1,2,4-Trichlorobenzene	ug/L	50	47.6	95	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.6	101	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	51.2	102	70-130	
1,2-Dichlorobenzene	ug/L	50	52.6	105	70-130	
1,2-Dichloroethane	ug/L	50	53.2	106	70-137	
1,2-Dichloropropane	ug/L	50	54.6	109	80-121	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

LABORATORY CONTROL SAMPLE: 2510972

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.5	99	70-130	
Benzene	ug/L	50	52.3	105	70-130	
Bromodichloromethane	ug/L	50	54.2	108	70-130	
Bromoform	ug/L	50	52.7	105	70-130	
Bromomethane	ug/L	50	34.9	70	21-147	
Carbon tetrachloride	ug/L	50	61.3	123	80-146	
Chlorobenzene	ug/L	50	53.7	107	70-130	
Chloroethane	ug/L	50	48.9	98	52-165	
Chloroform	ug/L	50	54.9	110	80-123	
Chloromethane	ug/L	50	46.3	93	51-122	
cis-1,2-Dichloroethene	ug/L	50	51.8	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.1	106	70-130	
Dibromochloromethane	ug/L	50	51.8	104	70-130	
Dichlorodifluoromethane	ug/L	50	36.9	74	25-121	
Ethylbenzene	ug/L	50	54.8	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.5	105	70-130	
Methyl-tert-butyl ether	ug/L	50	48.1	96	70-130	
Methylene Chloride	ug/L	50	49.7	99	70-130	
Styrene	ug/L	50	61.7	123	70-130	
Tetrachloroethene	ug/L	50	53.9	108	70-130	
Toluene	ug/L	50	53.6	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	53.4	107	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.1	102	70-130	
Trichloroethene	ug/L	50	52.7	105	70-130	
Trichlorofluoromethane	ug/L	50	52.6	105	65-160	
Vinyl chloride	ug/L	50	49.3	99	63-134	
Xylene (Total)	ug/L	150	157	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511098 2511099

Parameter	Units	40257568020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	57.9	60.3	116	121	70-134	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	53.4	56.7	107	113	61-135	6	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.7	52.7	105	105	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	53.0	55.1	106	110	70-130	4	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	52.5	55.0	105	110	71-130	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.2	52.8	98	106	68-131	7	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	53.7	58.0	107	116	51-141	8	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.7	52.1	103	104	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.3	54.4	103	109	70-130	6	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511098 2511099

Parameter	Units	40257568020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	<0.29	50	50	52.9	55.0	106	110	70-137	4	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	53.3	55.6	107	111	80-121	4	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.0	55.2	106	110	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	48.7	51.8	97	104	70-130	6	20	
Benzene	ug/L	<0.30	50	50	52.1	54.1	104	108	70-130	4	20	
Bromodichloromethane	ug/L	<0.42	50	50	53.3	55.9	107	112	70-130	5	20	
Bromoform	ug/L	<3.8	50	50	52.4	53.0	105	106	70-133	1	20	
Bromomethane	ug/L	<1.2	50	50	36.9	40.4	74	81	21-149	9	22	
Carbon tetrachloride	ug/L	<0.37	50	50	60.6	63.6	121	127	80-146	5	20	
Chlorobenzene	ug/L	<0.86	50	50	53.4	54.8	107	110	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	47.9	51.1	96	102	52-165	7	20	
Chloroform	ug/L	<1.2	50	50	54.3	57.0	109	114	80-123	5	20	
Chloromethane	ug/L	<1.6	50	50	44.1	46.1	88	92	42-125	4	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.9	53.9	102	108	70-130	6	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	53.2	55.0	106	110	70-130	3	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.1	51.8	104	104	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	33.8	34.8	68	70	25-121	3	20	
Ethylbenzene	ug/L	<0.33	50	50	54.7	56.3	109	113	80-121	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.8	53.2	104	106	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	49.0	49.8	98	100	70-130	2	20	
Methylene Chloride	ug/L	<0.32	50	50	49.1	52.2	98	104	70-130	6	20	
Styrene	ug/L	<0.36	50	50	62.2	62.8	124	126	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	54.1	54.8	108	110	70-130	1	20	
Toluene	ug/L	<0.29	50	50	53.7	54.0	107	108	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.5	55.6	107	111	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	51.8	51.7	104	103	70-130	0	20	
Trichloroethene	ug/L	<0.32	50	50	53.1	55.2	106	110	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	51.9	54.7	104	109	65-160	5	20	
Vinyl chloride	ug/L	0.53J	50	50	47.4	49.7	94	98	60-137	5	20	
Xylene (Total)	ug/L	<1.0	150	150	157	159	105	106	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						99	102	70-130			
4-Bromofluorobenzene (S)	%						102	103	70-130			
Toluene-d8 (S)	%						103	102	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436639
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568001, 40257568002, 40257568003, 40257568004, 40257568005, 40257568009, 40257568010, 40257568011, 40257568012, 40257568013, 40257568014, 40257568015, 40257568016, 40257568017

METHOD BLANK: 2510973
Matrix: Water
Associated Lab Samples: 40257568001, 40257568002, 40257568003, 40257568004, 40257568005, 40257568009, 40257568010, 40257568011, 40257568012, 40257568013, 40257568014, 40257568015, 40257568016, 40257568017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/27/23 12:58	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/27/23 12:58	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/27/23 12:58	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	01/27/23 12:58	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/27/23 12:58	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/27/23 12:58	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/27/23 12:58	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/27/23 12:58	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	01/27/23 12:58	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/27/23 12:58	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/27/23 12:58	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/27/23 12:58	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/27/23 12:58	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/27/23 12:58	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/27/23 12:58	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/27/23 12:58	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/27/23 12:58	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/27/23 12:58	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/27/23 12:58	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/27/23 12:58	
2,2-Dichloropropane	ug/L	<4.2	5.0	01/27/23 12:58	
2-Chlorotoluene	ug/L	<0.89	5.0	01/27/23 12:58	
4-Chlorotoluene	ug/L	<0.89	5.0	01/27/23 12:58	
Benzene	ug/L	<0.30	1.0	01/27/23 12:58	
Bromobenzene	ug/L	<0.36	1.0	01/27/23 12:58	
Bromochloromethane	ug/L	<0.36	5.0	01/27/23 12:58	
Bromodichloromethane	ug/L	<0.42	1.0	01/27/23 12:58	
Bromoform	ug/L	<3.8	5.0	01/27/23 12:58	
Bromomethane	ug/L	<1.2	5.0	01/27/23 12:58	
Carbon tetrachloride	ug/L	<0.37	1.0	01/27/23 12:58	
Chlorobenzene	ug/L	<0.86	1.0	01/27/23 12:58	
Chloroethane	ug/L	<1.4	5.0	01/27/23 12:58	
Chloroform	ug/L	<1.2	5.0	01/27/23 12:58	
Chloromethane	ug/L	<1.6	5.0	01/27/23 12:58	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/27/23 12:58	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	01/27/23 12:58	
Dibromochloromethane	ug/L	<2.6	5.0	01/27/23 12:58	
Dibromomethane	ug/L	<0.99	5.0	01/27/23 12:58	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/27/23 12:58	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

METHOD BLANK: 2510973 Matrix: Water

Associated Lab Samples: 40257568001, 40257568002, 40257568003, 40257568004, 40257568005, 40257568009, 40257568010, 40257568011, 40257568012, 40257568013, 40257568014, 40257568015, 40257568016, 40257568017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	01/27/23 12:58	
Ethylbenzene	ug/L	<0.33	1.0	01/27/23 12:58	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/27/23 12:58	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/27/23 12:58	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/27/23 12:58	
Methylene Chloride	ug/L	<0.32	5.0	01/27/23 12:58	
n-Butylbenzene	ug/L	<0.86	1.0	01/27/23 12:58	
n-Propylbenzene	ug/L	<0.35	1.0	01/27/23 12:58	
Naphthalene	ug/L	<1.1	5.0	01/27/23 12:58	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/27/23 12:58	
sec-Butylbenzene	ug/L	<0.42	1.0	01/27/23 12:58	
Styrene	ug/L	<0.36	1.0	01/27/23 12:58	
tert-Butylbenzene	ug/L	<0.59	1.0	01/27/23 12:58	
Tetrachloroethene	ug/L	<0.41	1.0	01/27/23 12:58	
Toluene	ug/L	<0.29	1.0	01/27/23 12:58	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/27/23 12:58	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	01/27/23 12:58	
Trichloroethene	ug/L	<0.32	1.0	01/27/23 12:58	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/27/23 12:58	
Vinyl chloride	ug/L	<0.17	1.0	01/27/23 12:58	
Xylene (Total)	ug/L	<1.0	3.0	01/27/23 12:58	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	01/27/23 12:58	
4-Bromofluorobenzene (S)	%	101	70-130	01/27/23 12:58	
Toluene-d8 (S)	%	98	70-130	01/27/23 12:58	

LABORATORY CONTROL SAMPLE: 2510974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	45.8	92	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	49.8	100	69-130	
1,1,2-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1-Dichloroethane	ug/L	50	46.9	94	70-130	
1,1-Dichloroethene	ug/L	50	47.7	95	74-131	
1,2,4-Trichlorobenzene	ug/L	50	47.8	96	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.2	90	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.5	93	70-130	
1,2-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-137	
1,2-Dichloropropane	ug/L	50	51.2	102	80-121	
1,3-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,4-Dichlorobenzene	ug/L	50	47.2	94	70-130	
Benzene	ug/L	50	52.6	105	70-130	
Bromodichloromethane	ug/L	50	47.0	94	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

LABORATORY CONTROL SAMPLE: 2510974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	49.9	100	70-130	
Bromomethane	ug/L	50	31.1	62	21-147	
Carbon tetrachloride	ug/L	50	47.4	95	80-146	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	49.6	99	52-165	
Chloroform	ug/L	50	46.8	94	80-123	
Chloromethane	ug/L	50	46.2	92	51-122	
cis-1,2-Dichloroethene	ug/L	50	46.4	93	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.8	100	70-130	
Dibromochloromethane	ug/L	50	49.5	99	70-130	
Dichlorodifluoromethane	ug/L	50	37.3	75	25-121	
Ethylbenzene	ug/L	50	51.4	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.7	103	70-130	
Methyl-tert-butyl ether	ug/L	50	46.3	93	70-130	
Methylene Chloride	ug/L	50	49.8	100	70-130	
Styrene	ug/L	50	56.3	113	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	50.3	101	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.9	98	70-130	
Trichloroethene	ug/L	50	51.1	102	70-130	
Trichlorofluoromethane	ug/L	50	44.6	89	65-160	
Vinyl chloride	ug/L	50	50.0	100	63-134	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511101 2511102

Parameter	Units	40257568005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	46.1	46.8	92	94	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	49.0	47.4	98	95	61-135	3	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	48.9	48.2	98	96	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	49.0	43.3	98	87	70-130	12	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50.6	44.2	101	88	71-130	14	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	49.7	48.2	99	96	68-131	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	48.5	45.7	97	91	51-141	6	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.3	46.9	95	94	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	49.7	47.9	99	96	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	49.3	45.8	99	92	70-137	7	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	51.5	52.4	103	105	80-121	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	50.0	49.6	100	99	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511101 2511102

Parameter	Units	40257568005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.0	47.1	98	94	70-130	4	20	
Benzene	ug/L	<0.30	50	50	52.5	52.8	105	106	70-130	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	47.4	45.6	95	91	70-130	4	20	
Bromoform	ug/L	<3.8	50	50	50.7	49.6	101	99	70-133	2	20	
Bromomethane	ug/L	<1.2	50	50	31.6	33.8	63	68	21-149	7	22	
Carbon tetrachloride	ug/L	<0.37	50	50	47.8	48.7	96	97	80-146	2	20	
Chlorobenzene	ug/L	<0.86	50	50	51.7	52.1	103	104	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	54.3	50.8	109	102	52-165	7	20	
Chloroform	ug/L	<1.2	50	50	48.2	43.2	96	86	80-123	11	20	
Chloromethane	ug/L	<1.6	50	50	45.1	45.7	90	91	42-125	1	20	
cis-1,2-Dichloroethene	ug/L	2.2	50	50	50.6	45.4	97	86	70-130	11	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	51.1	51.2	102	102	70-130	0	20	
Dibromochloromethane	ug/L	<2.6	50	50	49.7	50.6	99	101	70-130	2	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	32.5	32.1	65	64	25-121	1	20	
Ethylbenzene	ug/L	<0.33	50	50	52.4	52.3	105	105	80-121	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.1	53.4	106	107	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	45.5	43.8	91	88	70-130	4	20	
Methylene Chloride	ug/L	<0.32	50	50	49.4	48.7	99	97	70-130	1	20	
Styrene	ug/L	<0.36	50	50	57.1	57.0	114	114	70-132	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.1	50.8	100	102	70-130	1	20	
Toluene	ug/L	<0.29	50	50	51.0	50.1	102	100	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.8	45.6	104	91	70-130	13	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	50.8	49.5	102	99	70-130	3	20	
Trichloroethene	ug/L	<0.32	50	50	52.1	51.9	104	103	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	45.9	40.1	92	80	65-160	14	20	
Vinyl chloride	ug/L	0.64J	50	50	47.7	48.6	94	96	60-137	2	20	
Xylene (Total)	ug/L	<1.0	150	150	160	159	107	106	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						99	99	70-130			
4-Bromofluorobenzene (S)	%						103	102	70-130			
Toluene-d8 (S)	%						99	97	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436836
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568006, 40257568007, 40257568008

METHOD BLANK: 2511822 Matrix: Water
Associated Lab Samples: 40257568006, 40257568007, 40257568008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/31/23 11:35	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/31/23 11:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/31/23 11:35	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	01/31/23 11:35	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/31/23 11:35	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/31/23 11:35	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/31/23 11:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/31/23 11:35	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	01/31/23 11:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/31/23 11:35	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/31/23 11:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/31/23 11:35	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/31/23 11:35	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/31/23 11:35	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/31/23 11:35	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/31/23 11:35	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/31/23 11:35	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/31/23 11:35	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/31/23 11:35	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/31/23 11:35	
2,2-Dichloropropane	ug/L	<4.2	5.0	01/31/23 11:35	
2-Chlorotoluene	ug/L	<0.89	5.0	01/31/23 11:35	
4-Chlorotoluene	ug/L	<0.89	5.0	01/31/23 11:35	
Benzene	ug/L	<0.30	1.0	01/31/23 11:35	
Bromobenzene	ug/L	<0.36	1.0	01/31/23 11:35	
Bromochloromethane	ug/L	<0.36	5.0	01/31/23 11:35	
Bromodichloromethane	ug/L	<0.42	1.0	01/31/23 11:35	
Bromoform	ug/L	<3.8	5.0	01/31/23 11:35	
Bromomethane	ug/L	<1.2	5.0	01/31/23 11:35	
Carbon tetrachloride	ug/L	<0.37	1.0	01/31/23 11:35	
Chlorobenzene	ug/L	<0.86	1.0	01/31/23 11:35	
Chloroethane	ug/L	<1.4	5.0	01/31/23 11:35	
Chloroform	ug/L	<1.2	5.0	01/31/23 11:35	
Chloromethane	ug/L	<1.6	5.0	01/31/23 11:35	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/31/23 11:35	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	01/31/23 11:35	
Dibromochloromethane	ug/L	<2.6	5.0	01/31/23 11:35	
Dibromomethane	ug/L	<0.99	5.0	01/31/23 11:35	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/31/23 11:35	
Diisopropyl ether	ug/L	<1.1	5.0	01/31/23 11:35	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

METHOD BLANK: 2511822 Matrix: Water
Associated Lab Samples: 40257568006, 40257568007, 40257568008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	01/31/23 11:35	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/31/23 11:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/31/23 11:35	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/31/23 11:35	
Methylene Chloride	ug/L	<0.32	5.0	01/31/23 11:35	
n-Butylbenzene	ug/L	<0.86	1.0	01/31/23 11:35	
n-Propylbenzene	ug/L	<0.35	1.0	01/31/23 11:35	
Naphthalene	ug/L	<1.1	5.0	01/31/23 11:35	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/31/23 11:35	
sec-Butylbenzene	ug/L	<0.42	1.0	01/31/23 11:35	
Styrene	ug/L	<0.36	1.0	01/31/23 11:35	
tert-Butylbenzene	ug/L	<0.59	1.0	01/31/23 11:35	
Tetrachloroethene	ug/L	<0.41	1.0	01/31/23 11:35	
Toluene	ug/L	<0.29	1.0	01/31/23 11:35	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/31/23 11:35	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	01/31/23 11:35	
Trichloroethene	ug/L	<0.32	1.0	01/31/23 11:35	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/31/23 11:35	
Vinyl chloride	ug/L	<0.17	1.0	01/31/23 11:35	
Xylene (Total)	ug/L	<1.0	3.0	01/31/23 11:35	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	01/31/23 11:35	
4-Bromofluorobenzene (S)	%	98	70-130	01/31/23 11:35	
Toluene-d8 (S)	%	105	70-130	01/31/23 11:35	

LABORATORY CONTROL SAMPLE: 2511823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.4	101	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	69-130	
1,1,2-Trichloroethane	ug/L	50	52.1	104	70-130	
1,1-Dichloroethane	ug/L	50	55.2	110	70-130	
1,1-Dichloroethene	ug/L	50	59.6	119	74-131	
1,2,4-Trichlorobenzene	ug/L	50	39.8	80	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.1	84	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.7	93	70-130	
1,2-Dichlorobenzene	ug/L	50	46.3	93	70-130	
1,2-Dichloroethane	ug/L	50	60.5	121	70-137	
1,2-Dichloropropane	ug/L	50	53.7	107	80-121	
1,3-Dichlorobenzene	ug/L	50	46.8	94	70-130	
1,4-Dichlorobenzene	ug/L	50	47.2	94	70-130	
Benzene	ug/L	50	51.5	103	70-130	
Bromodichloromethane	ug/L	50	50.6	101	70-130	
Bromoform	ug/L	50	45.1	90	70-130	
Bromomethane	ug/L	50	50.3	101	21-147	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

LABORATORY CONTROL SAMPLE: 2511823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	49.5	99	80-146	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	55.8	112	52-165	
Chloroform	ug/L	50	53.2	106	80-123	
Chloromethane	ug/L	50	44.1	88	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.5	97	70-130	
Dibromochloromethane	ug/L	50	46.7	93	70-130	
Dichlorodifluoromethane	ug/L	50	37.4	75	25-121	
Ethylbenzene	ug/L	50	55.6	111	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.5	107	70-130	
Methyl-tert-butyl ether	ug/L	50	57.4	115	70-130	
Methylene Chloride	ug/L	50	59.4	119	70-130	
Styrene	ug/L	50	50.6	101	70-130	
Tetrachloroethene	ug/L	50	48.1	96	70-130	
Toluene	ug/L	50	52.3	105	80-120	
trans-1,2-Dichloroethene	ug/L	50	58.8	118	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.1	96	70-130	
Trichloroethene	ug/L	50	49.2	98	70-130	
Trichlorofluoromethane	ug/L	50	53.2	106	65-160	
Vinyl chloride	ug/L	50	48.5	97	63-134	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511915 2511916

Parameter	Units	40257583002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.9	49.4	102	99	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	48.8	47.2	98	94	61-135	3	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.1	49.4	104	99	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.5	53.2	109	106	70-130	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	61.1	58.8	122	118	71-130	4	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	38.8	37.6	78	75	68-131	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	43.2	40.3	86	81	51-141	7	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	46.3	46.8	93	94	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	46.2	45.3	92	91	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	62.9	58.5	126	117	70-137	7	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	53.8	51.0	108	102	80-121	5	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	47.6	45.9	95	92	70-130	4	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	47.7	45.8	95	92	70-130	4	20	
Benzene	ug/L	<0.30	50	50	52.2	49.9	104	100	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511915 2511916

Parameter	Units	40257583002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromodichloromethane	ug/L	<0.42	50	50	49.6	48.8	99	98	70-130	2	20	
Bromoform	ug/L	<3.8	50	50	45.0	43.6	90	87	70-133	3	20	
Bromomethane	ug/L	<1.2	50	50	54.7	56.9	109	114	21-149	4	22	
Carbon tetrachloride	ug/L	<0.37	50	50	50.3	48.8	101	98	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	51.4	51.0	103	102	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	54.9	52.8	110	106	52-165	4	20	
Chloroform	ug/L	<1.2	50	50	52.4	51.6	105	103	80-123	2	20	
Chloromethane	ug/L	<1.6	50	50	42.3	40.6	85	81	42-125	4	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.4	46.4	97	93	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	48.7	47.0	97	94	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	45.9	44.6	92	89	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	36.9	35.4	74	71	25-121	4	20	
Ethylbenzene	ug/L	<0.33	50	50	55.0	54.8	110	110	80-121	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.4	51.7	107	103	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	58.4	56.2	117	112	70-130	4	20	
Methylene Chloride	ug/L	<0.32	50	50	59.7	55.7	119	111	70-130	7	20	
Styrene	ug/L	<0.36	50	50	50.4	49.5	101	99	70-132	2	20	
Tetrachloroethene	ug/L	<0.41	50	50	46.8	45.5	94	91	70-130	3	20	
Toluene	ug/L	<0.29	50	50	52.3	51.7	105	103	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	58.7	56.9	117	114	70-130	3	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	46.9	46.5	94	93	70-130	1	20	
Trichloroethene	ug/L	<0.32	50	50	50.3	47.9	101	96	70-130	5	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	53.7	52.6	107	105	65-160	2	20	
Vinyl chloride	ug/L	<0.17	50	50	49.1	46.7	98	93	60-137	5	20	
Xylene (Total)	ug/L	<1.0	150	150	162	158	108	105	70-130	3	20	
1,2-Dichlorobenzene-d4 (S)	%						96	96	70-130			
4-Bromofluorobenzene (S)	%						100	99	70-130			
Toluene-d8 (S)	%						107	107	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436647
QC Batch Method: SM 4500-S F (2000)
Analysis Method: SM 4500-S F (2000)
Analysis Description: 4500S2F Sulfide, Iodometric
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568034, 40257568035

METHOD BLANK: 2510996
Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568034, 40257568035

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	01/27/23 11:38	

LABORATORY CONTROL SAMPLE: 2510997

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	44.4	41.2	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2510998 2510999

Parameter	Units	40257568003 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	44.4	44.4	43.6	43.2	98	97	80-120	1	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436748 | 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: 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2511584 Matrix: Water
Associated Lab Samples: 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	01/30/23 11:45	

LABORATORY CONTROL SAMPLE: 2511585

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	44.4	43.6	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511586 2511587

Parameter	Units	40257568039 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	44.4	44.4	44.4	46.8	99	105	80-120	5	10	

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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436714
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

METHOD BLANK: 2511492 Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	01/30/23 15:45	
Sulfate	mg/L	<0.44	2.0	01/30/23 15:45	

LABORATORY CONTROL SAMPLE: 2511493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.2	106	90-110	
Sulfate	mg/L	20	21.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511494 2511495

Parameter	Units	40257568003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	21.4	100	100	130	131	109	109	90-110	0	15	
Sulfate	mg/L	24.5	100	100	132	132	107	107	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511496 2511497

Parameter	Units	40257568040 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	83.1	200	200	301	300	109	108	90-110	0	15	
Sulfate	mg/L	690	1000	1000	1700	1690	101	100	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436716
QC Batch Method: EPA 300.0
Analysis Method: EPA 300.0
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568049, 40257568050, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2511502 Matrix: Water
Associated Lab Samples: 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568049, 40257568050, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.43	2.0	01/31/23 12:21	
Sulfate	mg/L	<0.44	2.0	01/31/23 12:21	

LABORATORY CONTROL SAMPLE: 2511503

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.4	102	90-110	
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511504 2511505

Parameter	Units	40257568041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	150	200	200	374	359	112	104	90-110	4	15	M0
Sulfate	mg/L	20.3	200	200	255	238	117	109	90-110	7	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511506 2511507

Parameter	Units	40257613003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	527	400	400	917	903	97	94	90-110	2	15	
Sulfate	mg/L	55.1	400	400	489	485	109	108	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 437174
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

METHOD BLANK: 2513571
Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033, 40257568039, 40257568040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	02/06/23 10:19	

LABORATORY CONTROL SAMPLE: 2513572

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2513573 2513574

Parameter	Units	40257568020 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	216	100	100	309	313	93	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2513575 2513576

Parameter	Units	40257568040 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	812	500	500	1300	1290	98	96	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 437175 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: 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568049, 40257568050, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2513577 Matrix: Water
Associated Lab Samples: 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568049, 40257568050, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	02/06/23 10:51	

LABORATORY CONTROL SAMPLE: 2513578

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2513579 2513580

Parameter	Units	40257568053 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	5090	2500	2500	7450	7450	95	94	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2513581 2513582

Parameter	Units	40257758001 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	2690	2000	2000	4690	4660	100	98	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 437078
QC Batch Method: EPA 410.4
Analysis Method: EPA 410.4
Analysis Description: 410.4 COD
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033

METHOD BLANK: 2512901 Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030, 40257568031, 40257568032, 40257568033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	02/06/23 08:26	

LABORATORY CONTROL SAMPLE: 2512902

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	507	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512903 2512904

Parameter	Units	40257568003 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	32.1J	526	526	572	554	103	99	90-110	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512905 2512906

Parameter	Units	40257568004 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	32.1J	526	526	550	556	98	100	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 437079
QC Batch Method: EPA 410.4
Analysis Method: EPA 410.4
Analysis Description: 410.4 COD
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568034, 40257568035, 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2512907
Matrix: Water
Associated Lab Samples: 40257568034, 40257568035, 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	02/06/23 08:32	

LABORATORY CONTROL SAMPLE: 2512908

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: 2512909 2512910

Parameter	Units	40257568034 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	232	2000	2000	2320	2330	104	105	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512911 2512912

Parameter	Units	40257568035 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	623	5000	5000	5900	5820	106	104	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436929
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030

METHOD BLANK: 2512121 Matrix: Water
Associated Lab Samples: 40257568003, 40257568004, 40257568006, 40257568007, 40257568008, 40257568011, 40257568013, 40257568017, 40257568019, 40257568020, 40257568021, 40257568022, 40257568023, 40257568024, 40257568030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	02/01/23 11:03	

LABORATORY CONTROL SAMPLE: 2512122

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512123 2512124

Parameter	Units	40257495013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	6.1	60	60	58.8	59.7	88	89	80-120	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512125 2512126

Parameter	Units	40257495014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	5.6	60	60	59.0	58.9	89	89	80-120	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

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 60682984 KEP
Pace Project No.: 40257568

QC Batch: 436930
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

METHOD BLANK: 2512127
Matrix: Water
Associated Lab Samples: 40257568031, 40257568032, 40257568033, 40257568034, 40257568035, 40257568039, 40257568040, 40257568041, 40257568042, 40257568046, 40257568047, 40257568048, 40257568051, 40257568052, 40257568053, 40257568054, 40257568055, 40257568056, 40257568059

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.14	0.50	02/01/23 19:05	

LABORATORY CONTROL SAMPLE: 2512128

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	13.1	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512129 2512130

Parameter	Units	40257568031 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	12.8	36	36	47.2	46.9	96	95	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2512131 2512132

Parameter	Units	40257568032 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	33.3	90	90	119	118	96	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

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QUALIFIERS

Project: 60682984 KEP
Pace Project No.: 40257568

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568003	**PZ-2301**	EPA 8015B Modified	436735		
40257568004	**PZ-2301D**	EPA 8015B Modified	436735		
40257568006	**MW-2106**	EPA 8015B Modified	436735		
40257568007	**MW-2301**	EPA 8015B Modified	436735		
40257568008	**MW-2301D**	EPA 8015B Modified	436735		
40257568011	**PZ-2303**	EPA 8015B Modified	436735		
40257568013	**MW-2303**	EPA 8015B Modified	436735		
40257568017	**MW-2110**	EPA 8015B Modified	436735		
40257568019	**MW-2114**	EPA 8015B Modified	436735		
40257568020	**PZ-2114**	EPA 8015B Modified	436735		
40257568021	**PZ-2110**	EPA 8015B Modified	436735		
40257568022	**MW-2201**	EPA 8015B Modified	436735		
40257568023	**MW-2201D**	EPA 8015B Modified	436735		
40257568024	**MW-31**	EPA 8015B Modified	436735		
40257568030	**PZ-61**	EPA 8015B Modified	436735		
40257568031	**MW-61**	EPA 8015B Modified	436805		
40257568032	**MW-2107**	EPA 8015B Modified	436805		
40257568033	**PZ-2107**	EPA 8015B Modified	436805		
40257568034	**MW-82**	EPA 8015B Modified	436805		
40257568035	**MW-82D**	EPA 8015B Modified	436805		
40257568039	**MW-2101**	EPA 8015B Modified	436805		
40257568040	**MW-2102**	EPA 8015B Modified	436805		
40257568041	**MW-2111**	EPA 8015B Modified	436805		
40257568042	**PZ-2111**	EPA 8015B Modified	436805		
40257568046	**MW-2113**	EPA 8015B Modified	436805		
40257568047	**PZ-2113**	EPA 8015B Modified	436805		
40257568048	**MW-65**	EPA 8015B Modified	436805		
40257568051	**MW-2103**	EPA 8015B Modified	436805		
40257568052	**MW-2103D**	EPA 8015B Modified	436805		
40257568053	**PZ-2103**	EPA 8015B Modified	436805		
40257568054	**PZ-2103D**	EPA 8015B Modified	436805		
40257568055	**MW-2112**	EPA 8015B Modified	436805		
40257568056	**PZ-2112**	EPA 8015B Modified	436805		
40257568059	**PZ-2101**	EPA 8015B Modified	436805		
40257568003	**PZ-2301**	EPA 3010A	436715	EPA 6020B	436791
40257568004	**PZ-2301D**	EPA 3010A	436715	EPA 6020B	436791
40257568006	**MW-2106**	EPA 3010A	436715	EPA 6020B	436791
40257568007	**MW-2301**	EPA 3010A	436715	EPA 6020B	436791
40257568008	**MW-2301D**	EPA 3010A	436715	EPA 6020B	436791
40257568011	**PZ-2303**	EPA 3010A	436715	EPA 6020B	436791
40257568013	**MW-2303**	EPA 3010A	436715	EPA 6020B	436791
40257568017	**MW-2110**	EPA 3010A	436715	EPA 6020B	436791
40257568019	**MW-2114**	EPA 3010A	436715	EPA 6020B	436791
40257568020	**PZ-2114**	EPA 3010A	436715	EPA 6020B	436791
40257568021	**PZ-2110**	EPA 3010A	436715	EPA 6020B	436791
40257568022	**MW-2201**	EPA 3010A	436715	EPA 6020B	436791
40257568023	**MW-2201D**	EPA 3010A	436715	EPA 6020B	436791
40257568024	**MW-31**	EPA 3010A	436715	EPA 6020B	436791

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568030	PZ-61	EPA 3010A	436715	EPA 6020B	436791
40257568031	MW-61	EPA 3010A	436715	EPA 6020B	436791
40257568032	MW-2107	EPA 3010A	436715	EPA 6020B	436791
40257568033	PZ-2107	EPA 3010A	436715	EPA 6020B	436791
40257568034	MW-82	EPA 3010A	436718	EPA 6020B	436793
40257568035	MW-82D	EPA 3010A	436718	EPA 6020B	436793
40257568039	MW-2101	EPA 3010A	436715	EPA 6020B	436791
40257568040	MW-2102	EPA 3010A	436715	EPA 6020B	436791
40257568041	MW-2111	EPA 3010A	436718	EPA 6020B	436793
40257568042	PZ-2111	EPA 3010A	436718	EPA 6020B	436793
40257568046	MW-2113	EPA 3010A	436718	EPA 6020B	436793
40257568047	PZ-2113	EPA 3010A	436718	EPA 6020B	436793
40257568048	MW-65	EPA 3010A	436718	EPA 6020B	436793
40257568051	MW-2103	EPA 3010A	436718	EPA 6020B	436793
40257568052	MW-2103D	EPA 3010A	436718	EPA 6020B	436793
40257568053	PZ-2103	EPA 3010A	436718	EPA 6020B	436793
40257568054	PZ-2103D	EPA 3010A	436718	EPA 6020B	436793
40257568055	MW-2112	EPA 3010A	436718	EPA 6020B	436793
40257568056	PZ-2112	EPA 3010A	436718	EPA 6020B	436793
40257568059	PZ-2101	EPA 3010A	436718	EPA 6020B	436793
40257568003	PZ-2301	EPA 3010A	436713	EPA 6020B	436790
40257568004	PZ-2301D	EPA 3010A	436713	EPA 6020B	436790
40257568006	MW-2106	EPA 3010A	436713	EPA 6020B	436790
40257568007	MW-2301	EPA 3010A	436713	EPA 6020B	436790
40257568008	MW-2301D	EPA 3010A	436713	EPA 6020B	436790
40257568011	PZ-2303	EPA 3010A	436713	EPA 6020B	436790
40257568013	MW-2303	EPA 3010A	436713	EPA 6020B	436790
40257568017	MW-2110	EPA 3010A	436713	EPA 6020B	436790
40257568019	MW-2114	EPA 3010A	436713	EPA 6020B	436790
40257568020	PZ-2114	EPA 3010A	436713	EPA 6020B	436790
40257568021	PZ-2110	EPA 3010A	436713	EPA 6020B	436790
40257568022	MW-2201	EPA 3010A	436713	EPA 6020B	436790
40257568023	MW-2201D	EPA 3010A	436713	EPA 6020B	436790
40257568024	MW-31	EPA 3010A	436713	EPA 6020B	436790
40257568030	PZ-61	EPA 3010A	436713	EPA 6020B	436790
40257568031	MW-61	EPA 3010A	436713	EPA 6020B	436790
40257568032	MW-2107	EPA 3010A	436713	EPA 6020B	436790
40257568033	PZ-2107	EPA 3010A	436713	EPA 6020B	436790
40257568039	MW-2101	EPA 3010A	436713	EPA 6020B	436790
40257568040	MW-2102	EPA 3010A	436713	EPA 6020B	436790
40257568041	MW-2111	EPA 3010A	436717	EPA 6020B	436792
40257568042	PZ-2111	EPA 3010A	436717	EPA 6020B	436792
40257568046	MW-2113	EPA 3010A	436717	EPA 6020B	436792
40257568047	PZ-2113	EPA 3010A	436717	EPA 6020B	436792
40257568048	MW-65	EPA 3010A	436717	EPA 6020B	436792
40257568049	MW-82	EPA 3010A	436717	EPA 6020B	436792

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568050	**MW-82D**	EPA 3010A	436717	EPA 6020B	436792
40257568051	**MW-2103**	EPA 3010A	436717	EPA 6020B	436792
40257568052	**MW-2103D**	EPA 3010A	436717	EPA 6020B	436792
40257568053	**PZ-2103**	EPA 3010A	436717	EPA 6020B	436792
40257568054	**PZ-2103D**	EPA 3010A	436717	EPA 6020B	436792
40257568055	**MW-2112**	EPA 3010A	436717	EPA 6020B	436792
40257568056	**PZ-2112**	EPA 3010A	436717	EPA 6020B	436792
40257568059	**PZ-2101**	EPA 3010A	436717	EPA 6020B	436792
40257568001	**MW-2105**	EPA 8260	436639		
40257568002	**PZ-2105**	EPA 8260	436639		
40257568003	**PZ-2301**	EPA 8260	436639		
40257568004	**PZ-2301D**	EPA 8260	436639		
40257568005	**MW-2104**	EPA 8260	436639		
40257568006	**MW-2106**	EPA 8260	436836		
40257568007	**MW-2301**	EPA 8260	436836		
40257568008	**MW-2301D**	EPA 8260	436836		
40257568009	**PZ-2302**	EPA 8260	436639		
40257568010	**MW-2302**	EPA 8260	436639		
40257568011	**PZ-2303**	EPA 8260	436639		
40257568012	**MW-2108**	EPA 8260	436639		
40257568013	**MW-2303**	EPA 8260	436639		
40257568014	**MW-2203**	EPA 8260	436639		
40257568015	**PZ-2203**	EPA 8260	436639		
40257568016	**MW-2202**	EPA 8260	436639		
40257568017	**MW-2110**	EPA 8260	436639		
40257568018	**PZ-2202**	EPA 8260	436638		
40257568019	**MW-2114**	EPA 8260	436638		
40257568020	**PZ-2114**	EPA 8260	436638		
40257568021	**PZ-2110**	EPA 8260	436638		
40257568022	**MW-2201**	EPA 8260	436638		
40257568023	**MW-2201D**	EPA 8260	436638		
40257568024	**MW-31**	EPA 8260	436638		
40257568025	**MW-2109**	EPA 8260	436638		
40257568026	**PZ-2109**	EPA 8260	436638		
40257568027	**MW-114**	EPA 8260	436638		
40257568028	**PZ-118**	EPA 8260	436638		
40257568029	**MW-113**	EPA 8260	436638		
40257568030	**PZ-61**	EPA 8260	436638		
40257568031	**MW-61**	EPA 8260	436638		
40257568032	**MW-2107**	EPA 8260	436638		
40257568033	**PZ-2107**	EPA 8260	436638		
40257568034	**MW-82**	EPA 8260	436638		
40257568035	**MW-82D**	EPA 8260	436638		
40257568036	**MW-79**	EPA 8260	436638		
40257568037	**MW-80**	EPA 8260	436638		
40257568038	**MW-81**	EPA 8260	436637		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568039	**MW-2101**	EPA 8260	436637		
40257568040	**MW-2102**	EPA 8260	436637		
40257568041	**MW-2111**	EPA 8260	436637		
40257568042	**PZ-2111**	EPA 8260	436637		
40257568043	**PZ-82**	EPA 8260	436637		
40257568044	**MW-108**	EPA 8260	436637		
40257568045	**MW-44**	EPA 8260	436637		
40257568046	**MW-2113**	EPA 8260	436637		
40257568047	**PZ-2113**	EPA 8260	436637		
40257568048	**MW-65**	EPA 8260	436637		
40257568051	**MW-2103**	EPA 8260	436637		
40257568052	**MW-2103D**	EPA 8260	436637		
40257568053	**PZ-2103**	EPA 8260	436637		
40257568054	**PZ-2103D**	EPA 8260	436637		
40257568055	**MW-2112**	EPA 8260	436637		
40257568056	**PZ-2112**	EPA 8260	436637		
40257568057	**TB-01**	EPA 8260	436637		
40257568058	**TB-02**	EPA 8260	436637		
40257568059	**PZ-2101**	EPA 8260	436637		
40257568003	**PZ-2301**	SM 4500-S F (2000)	436647		
40257568004	**PZ-2301D**	SM 4500-S F (2000)	436647		
40257568006	**MW-2106**	SM 4500-S F (2000)	436647		
40257568007	**MW-2301**	SM 4500-S F (2000)	436647		
40257568008	**MW-2301D**	SM 4500-S F (2000)	436647		
40257568011	**PZ-2303**	SM 4500-S F (2000)	436647		
40257568013	**MW-2303**	SM 4500-S F (2000)	436647		
40257568017	**MW-2110**	SM 4500-S F (2000)	436647		
40257568019	**MW-2114**	SM 4500-S F (2000)	436647		
40257568020	**PZ-2114**	SM 4500-S F (2000)	436647		
40257568021	**PZ-2110**	SM 4500-S F (2000)	436647		
40257568022	**MW-2201**	SM 4500-S F (2000)	436647		
40257568023	**MW-2201D**	SM 4500-S F (2000)	436647		
40257568024	**MW-31**	SM 4500-S F (2000)	436647		
40257568030	**PZ-61**	SM 4500-S F (2000)	436647		
40257568031	**MW-61**	SM 4500-S F (2000)	436647		
40257568032	**MW-2107**	SM 4500-S F (2000)	436647		
40257568033	**PZ-2107**	SM 4500-S F (2000)	436647		
40257568034	**MW-82**	SM 4500-S F (2000)	436647		
40257568035	**MW-82D**	SM 4500-S F (2000)	436647		
40257568039	**MW-2101**	SM 4500-S F (2000)	436748		
40257568040	**MW-2102**	SM 4500-S F (2000)	436748		
40257568041	**MW-2111**	SM 4500-S F (2000)	436748		
40257568042	**PZ-2111**	SM 4500-S F (2000)	436748		
40257568046	**MW-2113**	SM 4500-S F (2000)	436748		
40257568047	**PZ-2113**	SM 4500-S F (2000)	436748		
40257568048	**MW-65**	SM 4500-S F (2000)	436748		
40257568051	**MW-2103**	SM 4500-S F (2000)	436748		
40257568052	**MW-2103D**	SM 4500-S F (2000)	436748		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568053	**PZ-2103**	SM 4500-S F (2000)	436748		
40257568054	**PZ-2103D**	SM 4500-S F (2000)	436748		
40257568055	**MW-2112**	SM 4500-S F (2000)	436748		
40257568056	**PZ-2112**	SM 4500-S F (2000)	436748		
40257568059	**PZ-2101**	SM 4500-S F (2000)	436748		
40257568003	**PZ-2301**	EPA 300.0	436714		
40257568004	**PZ-2301D**	EPA 300.0	436714		
40257568006	**MW-2106**	EPA 300.0	436714		
40257568007	**MW-2301**	EPA 300.0	436714		
40257568008	**MW-2301D**	EPA 300.0	436714		
40257568011	**PZ-2303**	EPA 300.0	436714		
40257568013	**MW-2303**	EPA 300.0	436714		
40257568017	**MW-2110**	EPA 300.0	436714		
40257568019	**MW-2114**	EPA 300.0	436714		
40257568020	**PZ-2114**	EPA 300.0	436714		
40257568021	**PZ-2110**	EPA 300.0	436714		
40257568022	**MW-2201**	EPA 300.0	436714		
40257568023	**MW-2201D**	EPA 300.0	436714		
40257568024	**MW-31**	EPA 300.0	436714		
40257568030	**PZ-61**	EPA 300.0	436714		
40257568031	**MW-61**	EPA 300.0	436714		
40257568032	**MW-2107**	EPA 300.0	436714		
40257568033	**PZ-2107**	EPA 300.0	436714		
40257568039	**MW-2101**	EPA 300.0	436714		
40257568040	**MW-2102**	EPA 300.0	436714		
40257568041	**MW-2111**	EPA 300.0	436716		
40257568042	**PZ-2111**	EPA 300.0	436716		
40257568046	**MW-2113**	EPA 300.0	436716		
40257568047	**PZ-2113**	EPA 300.0	436716		
40257568048	**MW-65**	EPA 300.0	436716		
40257568049	**MW-82**	EPA 300.0	436716		
40257568050	**MW-82D**	EPA 300.0	436716		
40257568051	**MW-2103**	EPA 300.0	436716		
40257568052	**MW-2103D**	EPA 300.0	436716		
40257568053	**PZ-2103**	EPA 300.0	436716		
40257568054	**PZ-2103D**	EPA 300.0	436716		
40257568055	**MW-2112**	EPA 300.0	436716		
40257568056	**PZ-2112**	EPA 300.0	436716		
40257568059	**PZ-2101**	EPA 300.0	436716		
40257568003	**PZ-2301**	EPA 310.2	437174		
40257568004	**PZ-2301D**	EPA 310.2	437174		
40257568006	**MW-2106**	EPA 310.2	437174		
40257568007	**MW-2301**	EPA 310.2	437174		
40257568008	**MW-2301D**	EPA 310.2	437174		
40257568011	**PZ-2303**	EPA 310.2	437174		
40257568013	**MW-2303**	EPA 310.2	437174		
40257568017	**MW-2110**	EPA 310.2	437174		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568019	MW-2114	EPA 310.2	437174		
40257568020	PZ-2114	EPA 310.2	437174		
40257568021	PZ-2110	EPA 310.2	437174		
40257568022	MW-2201	EPA 310.2	437174		
40257568023	MW-2201D	EPA 310.2	437174		
40257568024	MW-31	EPA 310.2	437174		
40257568030	PZ-61	EPA 310.2	437174		
40257568031	MW-61	EPA 310.2	437174		
40257568032	MW-2107	EPA 310.2	437174		
40257568033	PZ-2107	EPA 310.2	437174		
40257568039	MW-2101	EPA 310.2	437174		
40257568040	MW-2102	EPA 310.2	437174		
40257568041	MW-2111	EPA 310.2	437175		
40257568042	PZ-2111	EPA 310.2	437175		
40257568046	MW-2113	EPA 310.2	437175		
40257568047	PZ-2113	EPA 310.2	437175		
40257568048	MW-65	EPA 310.2	437175		
40257568049	MW-82	EPA 310.2	437175		
40257568050	MW-82D	EPA 310.2	437175		
40257568051	MW-2103	EPA 310.2	437175		
40257568052	MW-2103D	EPA 310.2	437175		
40257568053	PZ-2103	EPA 310.2	437175		
40257568054	PZ-2103D	EPA 310.2	437175		
40257568055	MW-2112	EPA 310.2	437175		
40257568056	PZ-2112	EPA 310.2	437175		
40257568059	PZ-2101	EPA 310.2	437175		
40257568003	PZ-2301	EPA 410.4	437078	EPA 410.4	437191
40257568004	PZ-2301D	EPA 410.4	437078	EPA 410.4	437191
40257568006	MW-2106	EPA 410.4	437078	EPA 410.4	437191
40257568007	MW-2301	EPA 410.4	437078	EPA 410.4	437191
40257568008	MW-2301D	EPA 410.4	437078	EPA 410.4	437191
40257568011	PZ-2303	EPA 410.4	437078	EPA 410.4	437191
40257568013	MW-2303	EPA 410.4	437078	EPA 410.4	437191
40257568017	MW-2110	EPA 410.4	437078	EPA 410.4	437191
40257568019	MW-2114	EPA 410.4	437078	EPA 410.4	437191
40257568020	PZ-2114	EPA 410.4	437078	EPA 410.4	437191
40257568021	PZ-2110	EPA 410.4	437078	EPA 410.4	437191
40257568022	MW-2201	EPA 410.4	437078	EPA 410.4	437191
40257568023	MW-2201D	EPA 410.4	437078	EPA 410.4	437191
40257568024	MW-31	EPA 410.4	437078	EPA 410.4	437191
40257568030	PZ-61	EPA 410.4	437078	EPA 410.4	437191
40257568031	MW-61	EPA 410.4	437078	EPA 410.4	437191
40257568032	MW-2107	EPA 410.4	437078	EPA 410.4	437191
40257568033	PZ-2107	EPA 410.4	437078	EPA 410.4	437191
40257568034	MW-82	EPA 410.4	437079	EPA 410.4	437192
40257568035	MW-82D	EPA 410.4	437079	EPA 410.4	437192
40257568039	MW-2101	EPA 410.4	437079	EPA 410.4	437192

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60682984 KEP
Pace Project No.: 40257568

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257568040	MW-2102	EPA 410.4	437079	EPA 410.4	437192
40257568041	MW-2111	EPA 410.4	437079	EPA 410.4	437192
40257568042	PZ-2111	EPA 410.4	437079	EPA 410.4	437192
40257568046	MW-2113	EPA 410.4	437079	EPA 410.4	437192
40257568047	PZ-2113	EPA 410.4	437079	EPA 410.4	437192
40257568048	MW-65	EPA 410.4	437079	EPA 410.4	437192
40257568051	MW-2103	EPA 410.4	437079	EPA 410.4	437192
40257568052	MW-2103D	EPA 410.4	437079	EPA 410.4	437192
40257568053	PZ-2103	EPA 410.4	437079	EPA 410.4	437192
40257568054	PZ-2103D	EPA 410.4	437079	EPA 410.4	437192
40257568055	MW-2112	EPA 410.4	437079	EPA 410.4	437192
40257568056	PZ-2112	EPA 410.4	437079	EPA 410.4	437192
40257568059	PZ-2101	EPA 410.4	437079	EPA 410.4	437192
40257568003	PZ-2301	SM 5310C	436929		
40257568004	PZ-2301D	SM 5310C	436929		
40257568006	MW-2106	SM 5310C	436929		
40257568007	MW-2301	SM 5310C	436929		
40257568008	MW-2301D	SM 5310C	436929		
40257568011	PZ-2303	SM 5310C	436929		
40257568013	MW-2303	SM 5310C	436929		
40257568017	MW-2110	SM 5310C	436929		
40257568019	MW-2114	SM 5310C	436929		
40257568020	PZ-2114	SM 5310C	436929		
40257568021	PZ-2110	SM 5310C	436929		
40257568022	MW-2201	SM 5310C	436929		
40257568023	MW-2201D	SM 5310C	436929		
40257568024	MW-31	SM 5310C	436929		
40257568030	PZ-61	SM 5310C	436929		
40257568031	MW-61	SM 5310C	436930		
40257568032	MW-2107	SM 5310C	436930		
40257568033	PZ-2107	SM 5310C	436930		
40257568034	MW-82	SM 5310C	436930		
40257568035	MW-82D	SM 5310C	436930		
40257568039	MW-2101	SM 5310C	436930		
40257568040	MW-2102	SM 5310C	436930		
40257568041	MW-2111	SM 5310C	436930		
40257568042	PZ-2111	SM 5310C	436930		
40257568046	MW-2113	SM 5310C	436930		
40257568047	PZ-2113	SM 5310C	436930		
40257568048	MW-65	SM 5310C	436930		
40257568051	MW-2103	SM 5310C	436930		
40257568052	MW-2103D	SM 5310C	436930		
40257568053	PZ-2103	SM 5310C	436930		
40257568054	PZ-2103D	SM 5310C	436930		
40257568055	MW-2112	SM 5310C	436930		
40257568056	PZ-2112	SM 5310C	436930		
40257568059	PZ-2101	SM 5310C	436930		

REPORT OF LABORATORY ANALYSIS

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40257568

Page: 1 of 5

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 LOCATION __GA __IL __IN __MI __NC __OH __SC X WI OTHER___

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: VOCs 8260	TOC	Alkalinity, Cl, SO4	Methane,Ethane,Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
1	MW-2105	WT	G	1/23/23	1100	/	/		3				3					X									001
2	PZ-2105	WT	G		1140	/	/		3				3					X									002
3	PZ-2301	WT	G		1020	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		003
4	PZ-2301D	WT	G		1020	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		004
5	MW-2104	WT	G		1240	/	/		3				3					X									005
6	MW-2106	WT	G		1350	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		006
7	MW-2301	WT	G		1145	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		007
8	MW-2301D	WT	G		1145	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		008
9	PZ-2302	WT	G		1350	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	1	009
10	MW-2302	WT	G		1420	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	1	010
11	PZ-2303	WT	G		1500	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		011
12	MW-2108	WT	G		1615	/	/		3				3					X									012

Additional Comments:

Total Metals. Fe, Mn

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

*Diss Ca,Mg,K,Na also for PZ-2110, PZ-2103, PZ-2101

1- Update per Keith N-AECOM. 1/27/23 CDH

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
CS Logistics	01/26/2023	08:00	Matt Vanbambeek Pace	01/26/2023	08:00	0.5

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER

SIGNATURE of SAMPLER | DATE Signed (MM / DD / YY)

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

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4025756

Section A Required Client Information

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

Section B Required Project Information

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

Section C Invoice Information

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

REGULATORY AGENCY

__NPDES _X_GROUND WATER __DRINKING WATER

__UST __RCRA OTHER_____

SITE LOCATION __GA __IL __IN __MI __NC __OH __SC _X_WI OTHER___

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: VOCs 8260	TOC	Alkalinity, Cl, SO4	Methane,Ethane,Ethene	Total Metals	Diss. Metals	Sulfide	COD	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	MW-2303	WT	G	1/23/23	1550	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	013
2	MW-2203	WT	G	1/24/23	0740	/	/		3				3					X								014
3	PZ-2203	WT	G		0805	/	/		3				3					X								015
4	MW-2202	WT	G		0850	/	/		3				3					X								016
5	MW-2110	WT	G		0910	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	017
6	PZ-2202	WT	G		0930	/	/		3				3					X								018
7	MW-2114	WT	G		0940	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	019
8	PZ-2114	WT	G		1045	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	020
9	PZ-2110	WT	G		1010	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	021
10	MW-2201	WT	G		1020	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	022
11	MW-2201D	WT	G		1020	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	023
12	MW-31	WT	G		1120	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X	024

Filtered (Y/N): N N N N N Y N N

Additional Comments:

Total Metals: Fe, Mn

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

*Diss Ca,Mg,K,Na also for PZ-2110, PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
CS Logistics	01/26/2023	08:00	Matt Vonbankenbelt pace	01/26/2023	08:00	0.5

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
0.5	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)

E-File,(ALLQ020rev 3,31Mar05), 13Jun2005

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4025568

Page: 3 of 5

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 LOCATION __GA __IL __IN __MI __NC __OH __SC _X_ WI OTHER____

Filtered (Y/N): N N N N N Y N N

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	TOC	Alkalinity, Cl, SO4	Methane,Ethane,Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)	Pace Project Number Lab I D
1	MW-2109	WT	G	1/24/23	1150	/	/		3				3					X									025
2	PZ-2109	WT	G	1/24/23	1220	/	/		3				3					X									026
3	MW-114	WT	G		1225	/	/		3				3					X									027
4	PZ-118	WT	G		1255	/	/		3				3					X									028
5	MW-113	WT	G		1320	/	/		3				3					X									029
6	PZ-61	WT	G		1330	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		030
7	MW-61	WT	G		1450	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		031
8	MW-2107	WT	G		1440	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		032
9	PZ-2107	WT	G		1550	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		033
10	MW-82	WT	G		1430	/	/		10	0	2	1	6	1				X	X	X KEW	X	X	X KEW	X	X		034
11	MW-82D	WT	G		1430	/	/		10	0	2	1	6	1				X	X	X KEW	X	X	X KEW	X	X		035
12	MW-79	WT		1/25/23	0720	/	/		3				3					X									036

Additional Comments:

Total Metals. Fe, Mn

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

*Diss Ca,Mg,K,Na also for PZ-2110, PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
CS Logistics	01/26/2023	08:00	Matt Vandambeek Pace	01/26/2023	08:00	0.5	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):

E-File,(ALLQ020rev 3,31Mar05), 13Jun2005

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40257568 (19)

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 LOCATION __GA __IL __IN __MI __NC __OH __SC _X_WI OTHER___

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

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: VOCs 8260	TOC	Alkalinity, Cl, SO_4	Methane,Ethane,Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	MW-80	WT	G	1/25/23	0900				3				3					X									037
2	MW-81	WT	G		0830				3				3					X									038
3	MW-2101	WT	G		0900				12	1	2	2	6	1				X	X	X	X	X	X	X	X		039
4	MW-2102	WT	G		0910				12	1	2	2	6	1				X	X	X	X	X	X	X	X		040
5	MW-2111	WT	G		1050				12	1	2	2	6	1				X	X	X	X	X	X	X	X		041
6	PZ-2111	WT	G		1030				12	1	2	2	6	1				X	X	X	X	X	X	X	X		042
7	PZ-82	WT	G		0930				3				3					X									043
8	MW-108	WT	G		1010				3				3					X									044
9	MW-44	WT	G		1040				3				3					X									045
10	MW-2113	WT	G		1150				12	1	2	2	6	1				X	X	X	X	X	X	X	X		046
11	PZ-2113	WT	G		1155				12	1	2	2	6	1				X	X	X	X	X	X	X	X		047
12	MW-65	WT	G		1130				12	1	2	2	6	1				X	X	X	X	X	X	X	X		048

Additional Comments:

Total Metals: Fe, Mn

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

*Diss Ca,Mg,K,Na also for PZ-2110, PZ-2103, PZ-2101

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
CS Logistics	01/26/2023	08:00	Matt Winkenbrink Pace	01/28/2023	08:00	0.5

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
0.5	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)

E-File,(ALLQ020rev 3,31Mar05), 13Jun2005

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

40257568 (14)

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 LOCATION __GA __IL __IN __MI __NC __OH __SC _X_WI OTHER____

Section D Required Client Information

Valid Matrix Codes: DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

SAMPLE ID — One Character per box (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Filtered (Y/N): VOCs 8260 N, TOC N, Alkalinity, Cl, SO4 N, Methane,Ethane,Ethene N, Total Metals N, Diss Metals Y, Sulfide N, COD N

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	VOCs 8260	TOC	Alkalinity, Cl, SO4	Methane,Ethane,Ethene	Total Metals	Diss Metals	Sulfide	COD	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	MW-82	WT	G	01/25	0850	/	/		2	1		1								1			1				049
2	MW-82D ①	WT	G	1/25	0850	/	/		2	1		1								1			1				050
3	MW-2103	WT	G	↓	1310	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		051
4	MW-2103D	WT	G	↓	1310	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		052
5	PZ-2103	WT	G	↓	1330	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		053
6	PZ-2103D	WT	G	↓	1330	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		054
7	MW-2112	WT	G	1/24	1210	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		055
8	PZ-2112	WT	G	1/24	1315	/	/		12	1	2	2	6	1				X	X	X	X	X	X	X	X		056
9	TB-01	WT	G	1/23	1045	/	/		2	1								X									057
10	TB-02	WT	G	1/25	1600	/	/		2	1								X									058
11	~~PZ-MW~~-2101 ② (BG 1/26/23)	WT	G	1/25	1320				12	1	2	2	6	1				X	X	X	X	X	X	X	X		059
12		WT																									

Additional Comments:

Total Metals: Fe, Mn

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

*Diss Ca,Mg,K,Na also for PZ-2110, PZ-2103, PZ-2101

① ID updated per Brittany G - Aecom. 1/24/2023 CDH

② Added to CoC per client for lab. Received in shipment. 1/26/2023 CDH

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
CS Logistics	01/26/2023	08:00	Matt Vandenbeek Pace	01/26/2023	08:00	0.5	Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
						Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY):

E-File,(ALLQ020rev 3,31Mar05), 13Jun2005

Sample Preservation Receipt Form

Client Name: AECOM Project # 40257568

All containers needing preservation have been checked and noted below. ☑Yes ☐No ☐N/A Initial when completed: MB Date/Time:

Lab Lot# of pH paper: 10D0722 Lab Std #ID of preservation (if pH adjusted)

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: 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	Volume (mL)
001																	3																	2.5 / 5
002																	3																	2.5 / 5
003				1					1		2	1	1				6													X	X		X		2.5 / 5
004				1					1		2	1	1				6													X	X		X		2.5 / 5
005																	6																		2.5 / 5
006				1					1		2	1	1				6													X	X		X		2.5 / 5
007				1					1		2	1	1				6													X	X		X		2.5 / 5
008				1					1		2	1	1				6													X	X		X		2.5 / 5
009				1					1		2	1	1				6										mH 1/27/23			X	X		X		2.5 / 5
010				1					1		2	1	1				6	mH 1/27/23												X	X		X		2.5 / 5
011				1					1		2	1	1				6													X	X		X		2.5 / 5
012																	3																		2.5 / 5
013				1					1		2	1	1				6													X	X		X		2.5 / 5
014																	3																		2.5 / 5
015																	3																		2.5 / 5
016																	3																		2.5 / 5
017				1					1		2	1	1				6													X	X		X		2.5 / 5
018																	3																		2.5 / 5
019				1					1		2	1	1				6													X	X		X		2.5 / 5
020				1					1		2	1	1				6													X	X		X		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 #: 40257528

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
021				1					1		2	1	1				6												X	X		X		2.5 / 5
022				1					1		2	1	1				6												X	X		X		2.5 / 5
023				1					1		2	1	1				6												X	X		X		2.5 / 5
024				1					1		2	1	1				6												X	X		X		2.5 / 5
025																	6																	2.5 / 5
026																	6																	2.5 / 5
027																	6																	2.5 / 5
028																	6																	2.5 / 5
029																	6															X	X	2.5 / 5
030				1					1		2	1	1				6												X	X		X		2.5 / 5
031				1					1		2	1	1				6												X	X		X		2.5 / 5
032				1					1		2	1	1				6												X	X		X		2.5 / 5
033				1					1		2	1	1				6												X	X		X		2.5 / 5
034				1							1	1	1				6												X	X		X	01/26/23	2.5 / 5
035				1							1	1	1				6												X	X		X		2.5 / 5
036																	6																	2.5 / 5
037																	6																	2.5 / 5
038																	6																	2.5 / 5
039				1					1		2	1	1				6												X	X		X		2.5 / 5
040				1					1		2	1	1				6												X	X		X		2.5 / 5
041				1					1		2	1	1				6											3	X	X		X		2.5 / 5
042				1					1		2	1	1				6												X	X		4	3	2.5 / 5
043																	6																01/25/23	2.5 / 5
044																	6																	2.5 / 5
045																	6																	2.5 / 5
046				1					1		2	1	1				6												X	X		X		2.5 / 5
047				1					1		2	1	1				6												X	X		X		2.5 / 5
048				1					1		2	1	1				6												X	X		X		2.5 / 5

Sample Preservation Receipt Form

Client Name: AECOM Project #: 480575568

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm)	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
49												1					3																2.5 / 5 / 10
50												1					3																2.5 / 5 / 10
51					1							2					6									1	1	X	X		X		2.5 / 5 / 10
52					1							2	1				6									1	1	X	X		X		2.5 / 5 / 10
53					1							2	1				6									1	1	X	X		X		2.5 / 5 / 10
54					1							2	1				6									1	1	X	X		X		2.5 / 5 / 10
55					1							2	1				6									1	1	X	X		X		2.5 / 5 / 10
56					1							2	1				6									1	1	X	X		X		2.5 / 5 / 10
57																	3										2						2.5 / 5 / 10
58																	3										2						2.5 / 5 / 10
59					1					1		2	1				6									1		X	8		X	X	2.5 / 5 / 10
60																																	2.5 / 5 / 10
61																																	2.5 / 5 / 10
62																																	2.5 / 5 / 10
63																																	2.5 / 5 / 10
64																																	2.5 / 5 / 10
65																																	2.5 / 5 / 10
66																																	2.5 / 5 / 10
67																																	2.5 / 5 / 10
68																																	2.5 / 5 / 10
69																																	2.5 / 5 / 10
70																																	2.5 / 5 / 10
71																																	2.5 / 5 / 10
72																																	2.5 / 5 / 10
73																																	2.5 / 5 / 10
74																																	2.5 / 5 / 10
75																																	2.5 / 5 / 10
76																																	2.5 / 5 / 10

→ 8

GN for sheet 3
BP2Z (500mL plastic NaOH+Zn)

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40257568

40257568

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 - 132 **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: 01/26/2023 Initials: MH

Labeled By Initials: SG / MH

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:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☐Yes ☑No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes ☑No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: Pace Green Bay, Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☑No ☐N/A	12. One sample (R-2107) not on COC added by PM.
Trip Blank Present.	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 492		

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

Person Contacted: Date/Time:

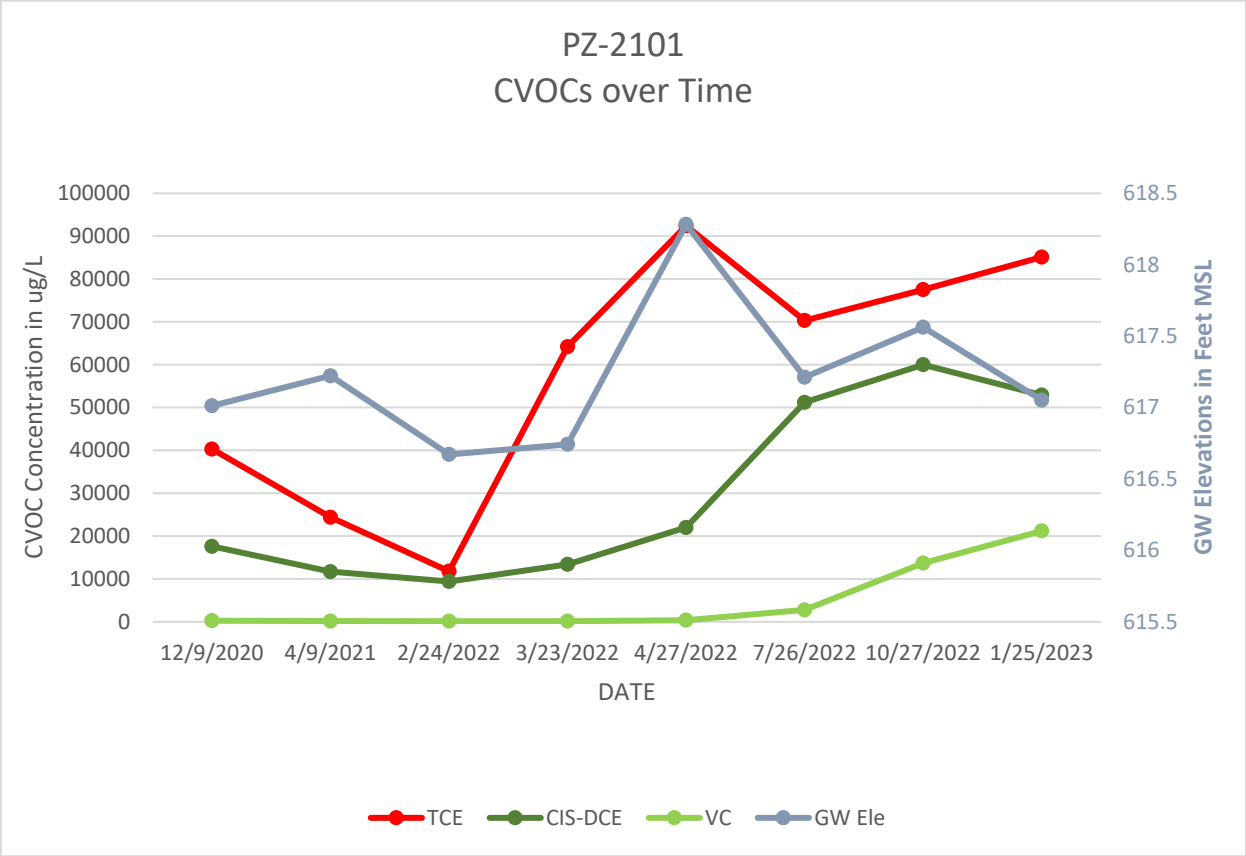
Comments/ Resolution: 002 time 1145, 010-time 1440, 039 time 0910, 040 time 0900
MH 1/27/23

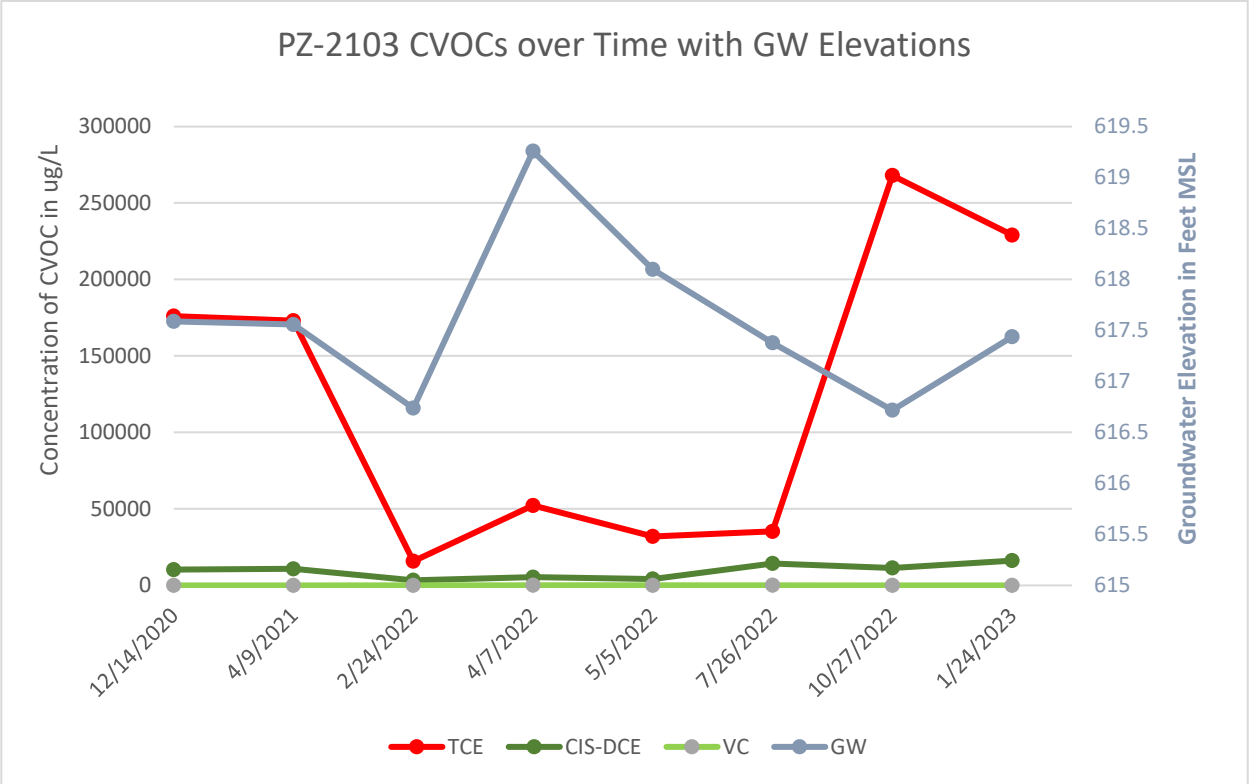
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

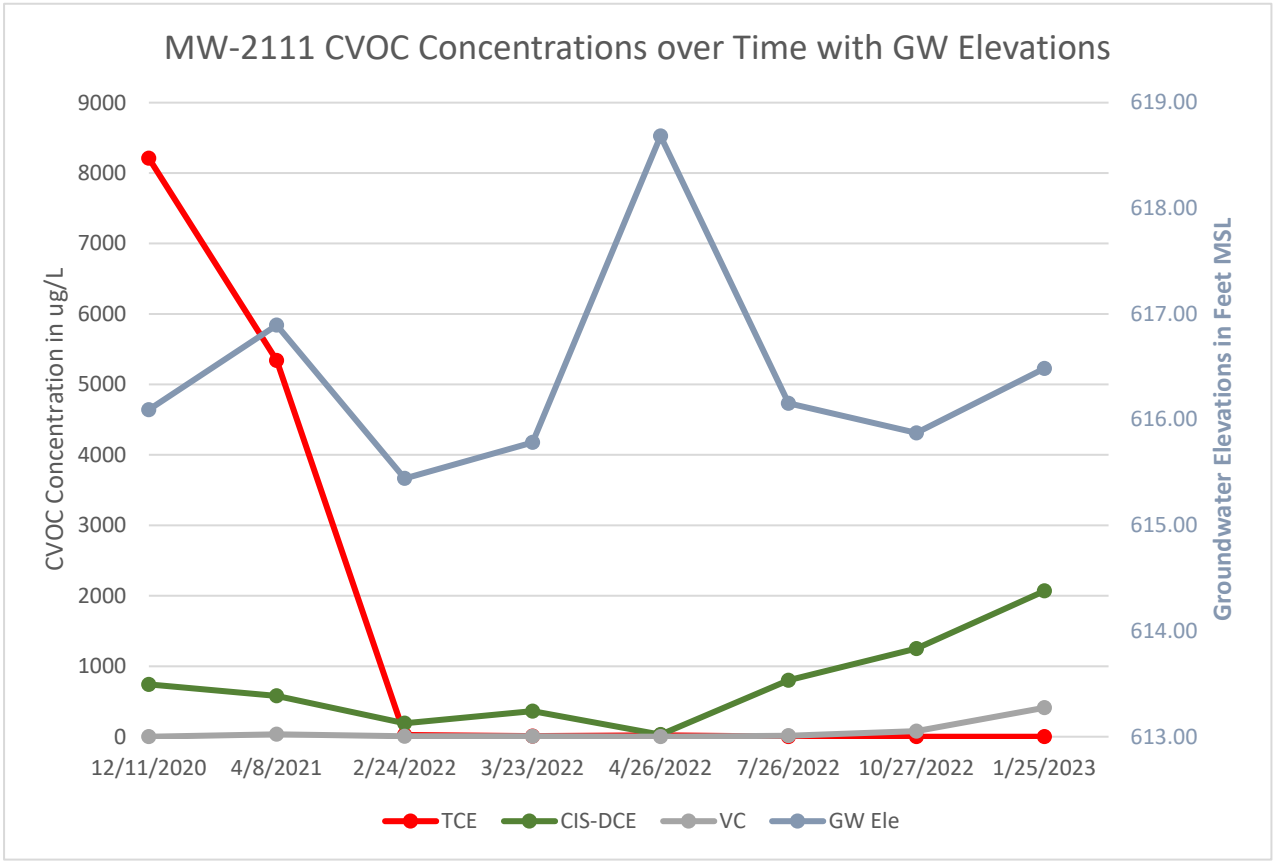
Page 2 of 4

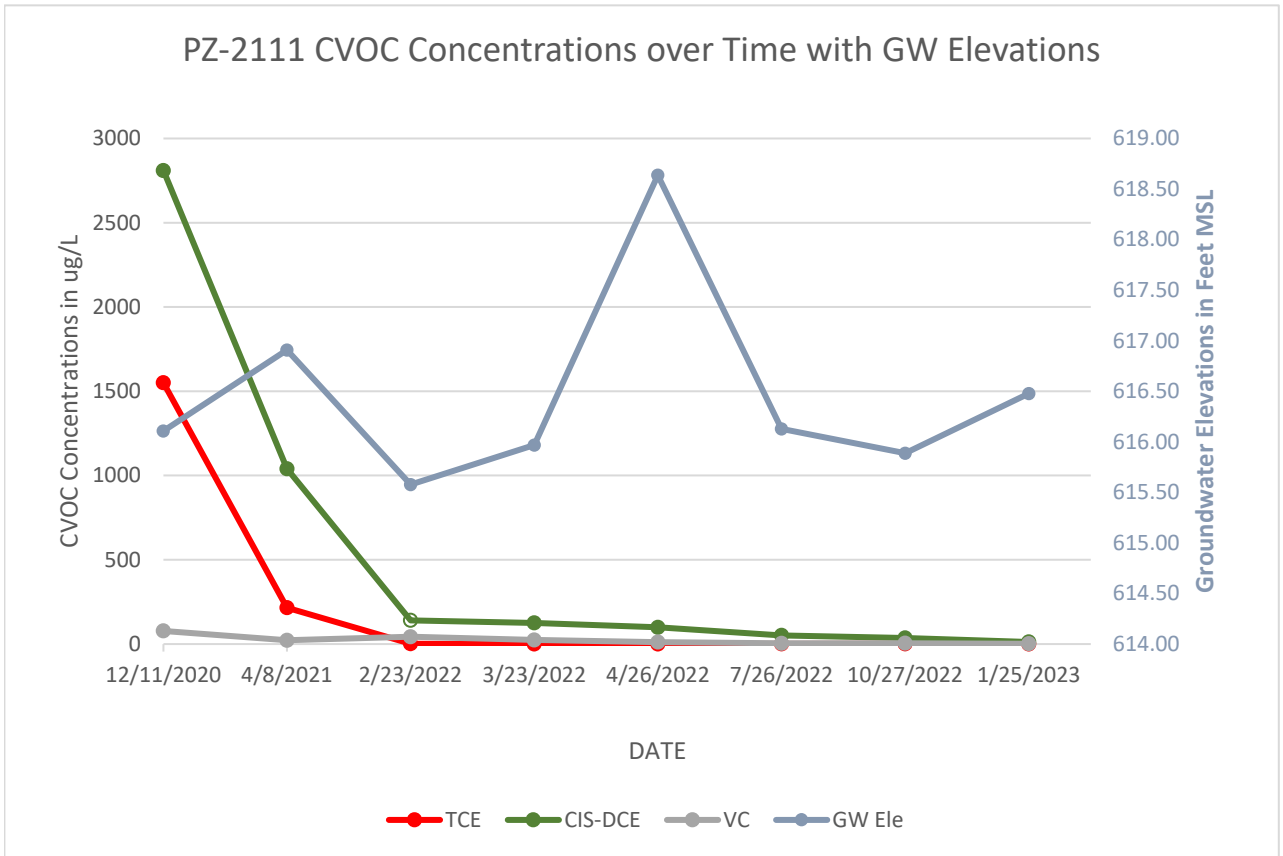
MH 01/26/2023

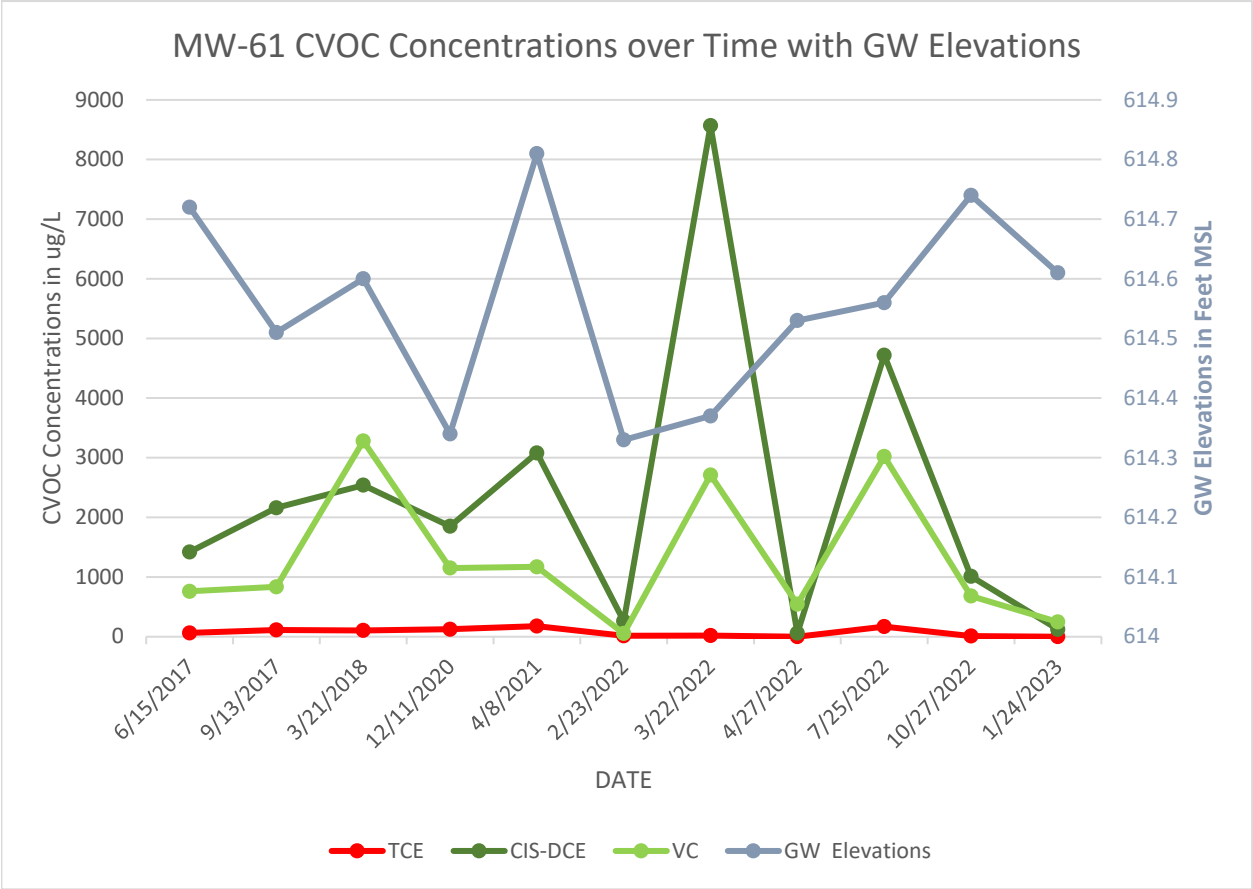
Appendix B Remediation Area 1 Concentration Graphs

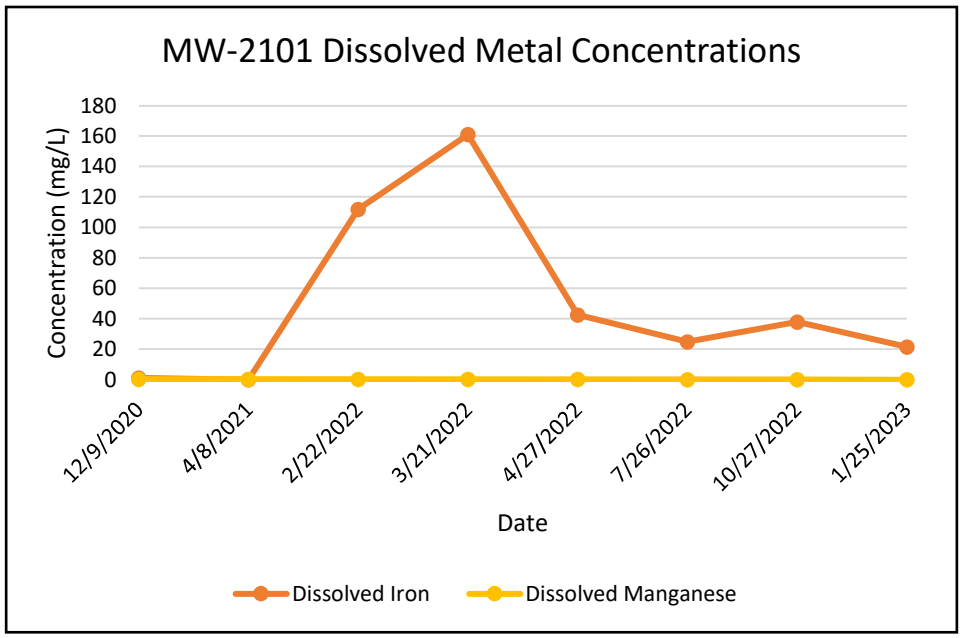

PZ-2101
CVOCs over Time
CVOC Concentration in ug/L
GW Elevations in Feet MSL
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
0
618.5
618
617.5
617
616.5
616
615.5
12/9/2020
4/9/2021
2/24/2022
3/23/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
DATE
TCE
CIS-DCE
VC
GW Ele

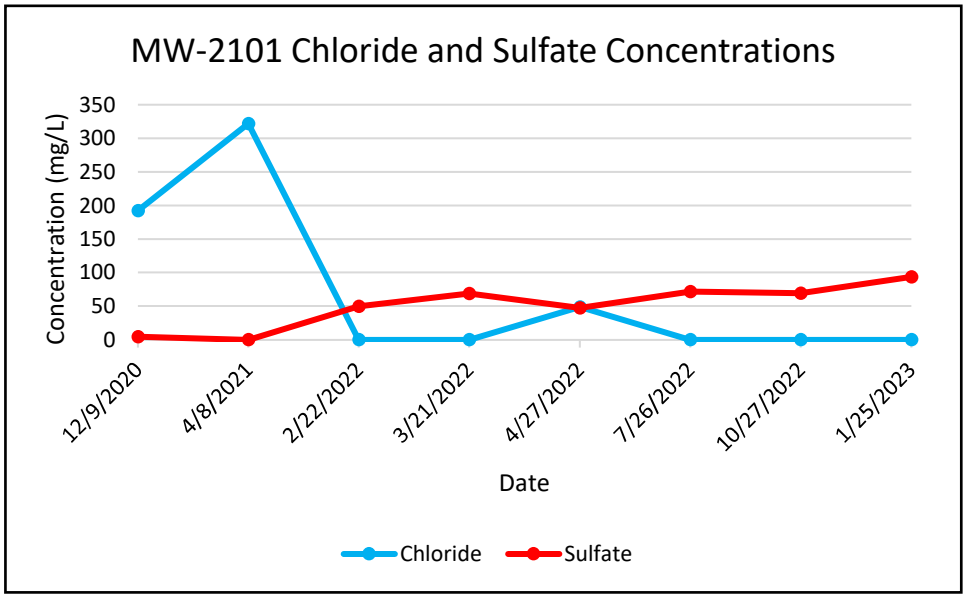

PZ-2103 CVOCs over Time with GW Elevations
Concentration of CVOC in ug/L
Groundwater Elevation in Feet MSL
300000
250000
200000
150000
100000
50000
0
619.5
619
618.5
618
617.5
617
616.5
616
615.5
615
12/14/2020
4/9/2021
2/24/2022
4/7/2022
5/5/2022
7/26/2022
10/27/2022
1/24/2023
TCE
CIS-DCE
VC
GW

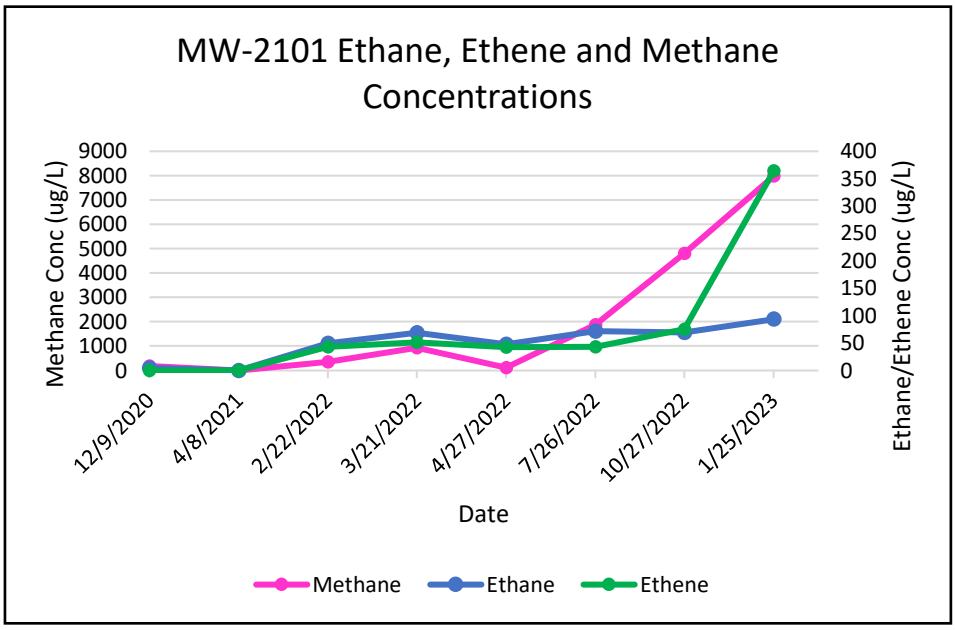

MW-2111 CVOC Concentrations over Time with GW Elevations
CVOC Concentration in ug/L
Groundwater Elevations in Feet MSL
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
619.00
618.00
617.00
616.00
615.00
614.00
613.00
12/11/2020
4/8/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
TCE
CIS-DCE
VC
GW Ele

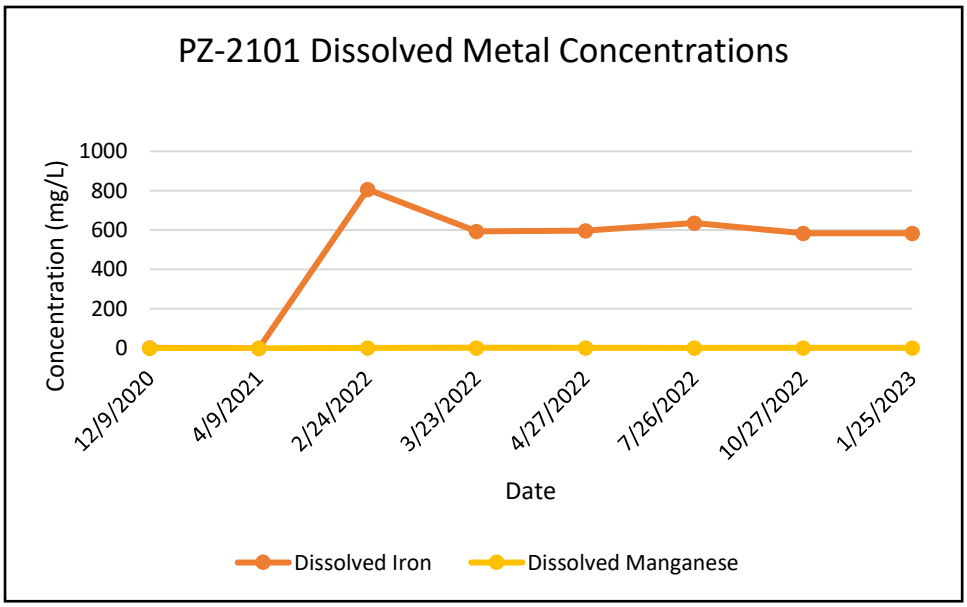

PZ-2111 CVOC Concentrations over Time with GW Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
3000
2500
2000
1500
1000
500
0
619.00
618.50
618.00
617.50
617.00
616.50
616.00
615.50
615.00
614.50
614.00
12/11/2020
4/8/2021
2/23/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
DATE
TCE
CIS-DCE
VC
GW Ele

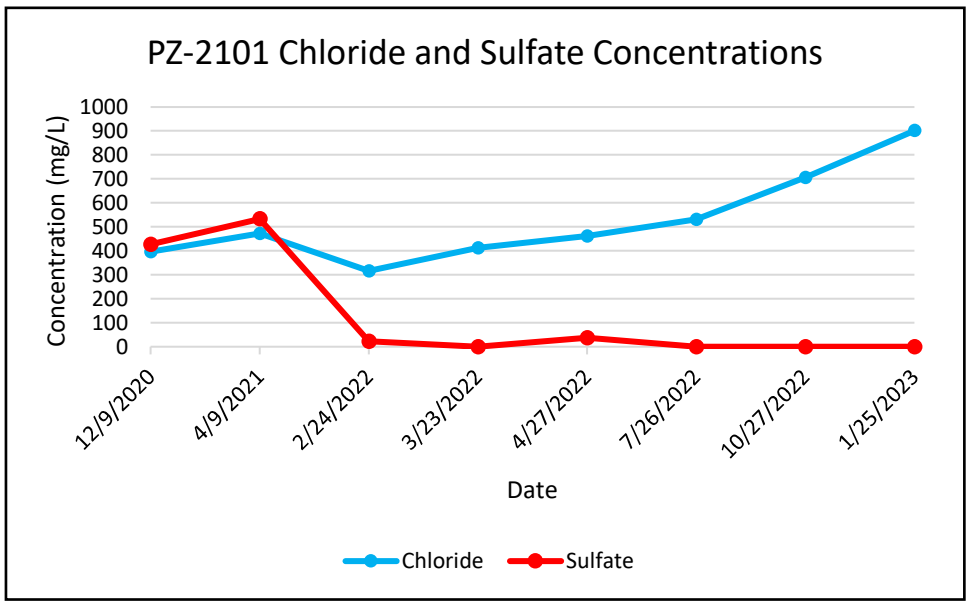

MW-61 CVOC Concentrations over Time with GW Elevations
CVOC Concentrations in ug/L
GW Elevations in Feet MSL
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
614.9
614.8
614.7
614.6
614.5
614.4
614.3
614.2
614.1
614
6/15/2017
9/13/2017
3/21/2018
12/11/2020
4/8/2021
2/23/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
DATE
TCE
CIS-DCE
VC
GW Elevations

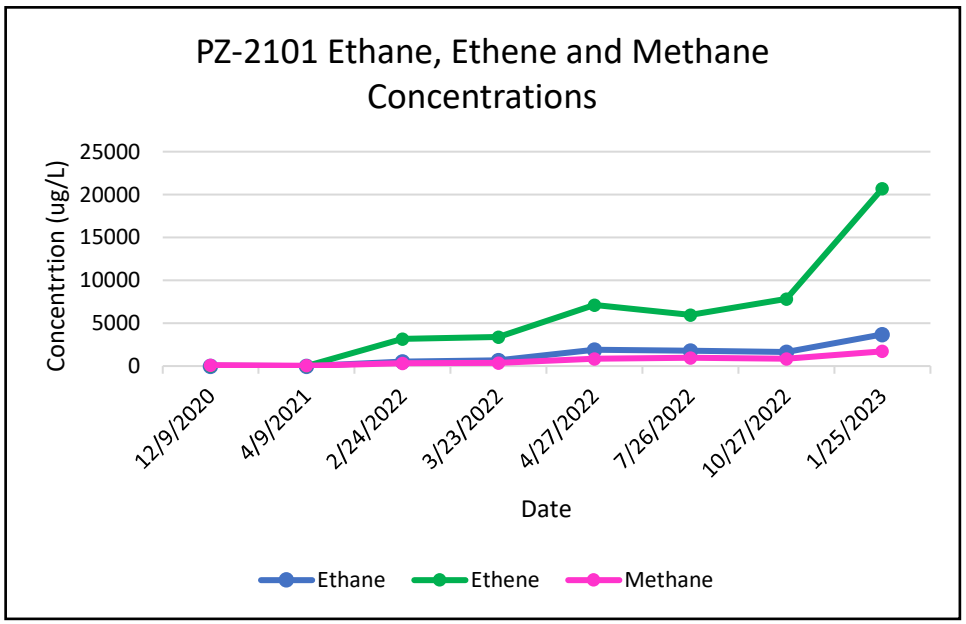

MW-2101 Dissolved Metal Concentrations
Concentration (mg/L)
180
160
140
120
100
80
60
40
20
0
12/9/2020
4/8/2021
2/22/2022
3/21/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

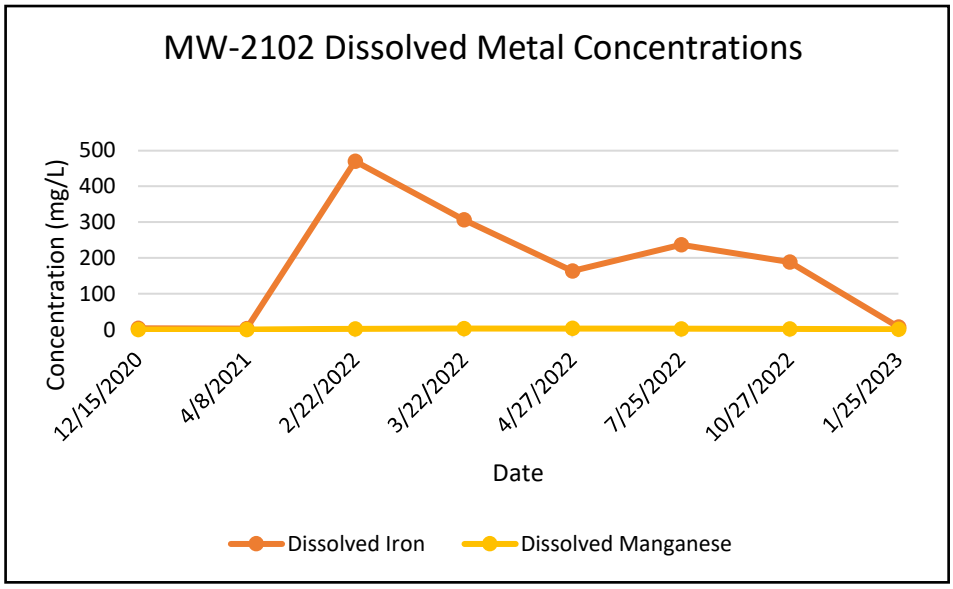

MW-2101 Chloride and Sulfate Concentrations
Concentration (mg/L)
350
300
250
200
150
100
50
0
12/9/2020
4/8/2021
2/22/2022
3/21/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

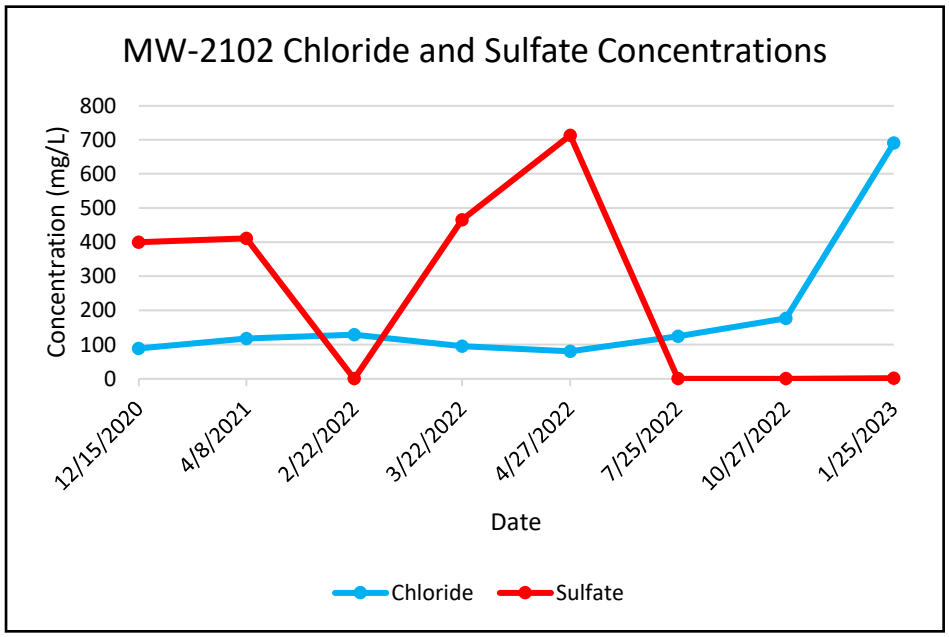

MW-2101 Ethane, Ethene and Methane Concentrations
Methane Conc (ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Ethane/Ethene Conc (ug/L)
400
350
300
250
200
150
100
50
0
12/9/2020
4/8/2021
2/22/2022
3/21/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Methane
Ethane
Ethene

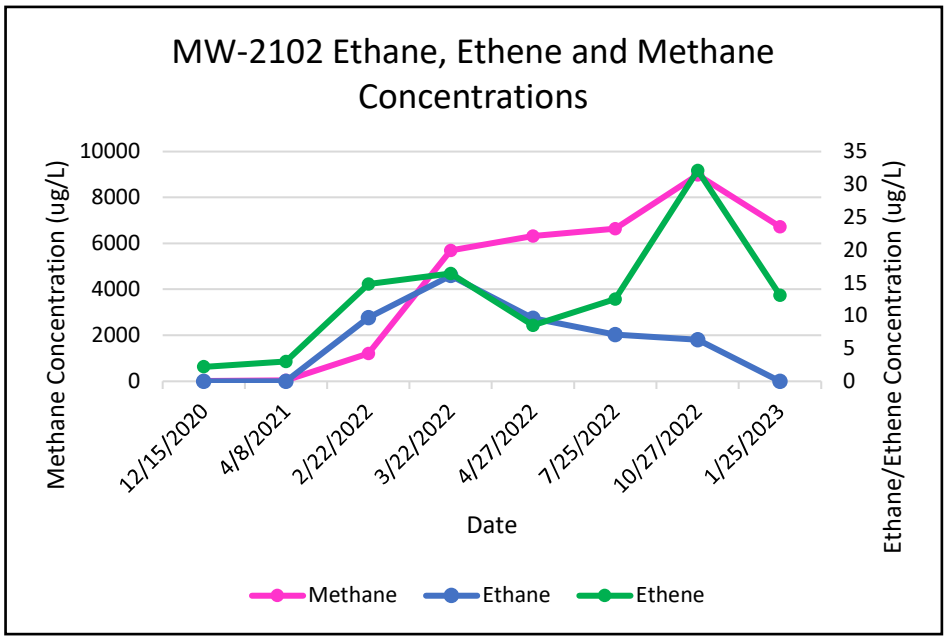

PZ-2101 Dissolved Metal Concentrations
Concentration (mg/L)
1000
800
600
400
200
0
12/9/2020
4/9/2021
2/24/2022
3/23/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

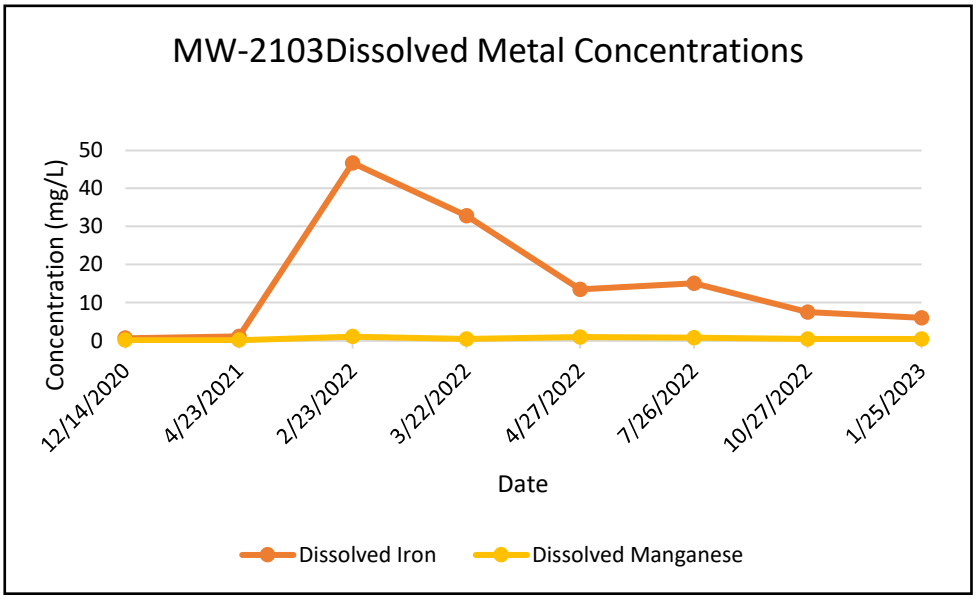

PZ-2101 Chloride and Sulfate Concentrations
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
12/9/2020
4/9/2021
2/24/2022
3/23/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

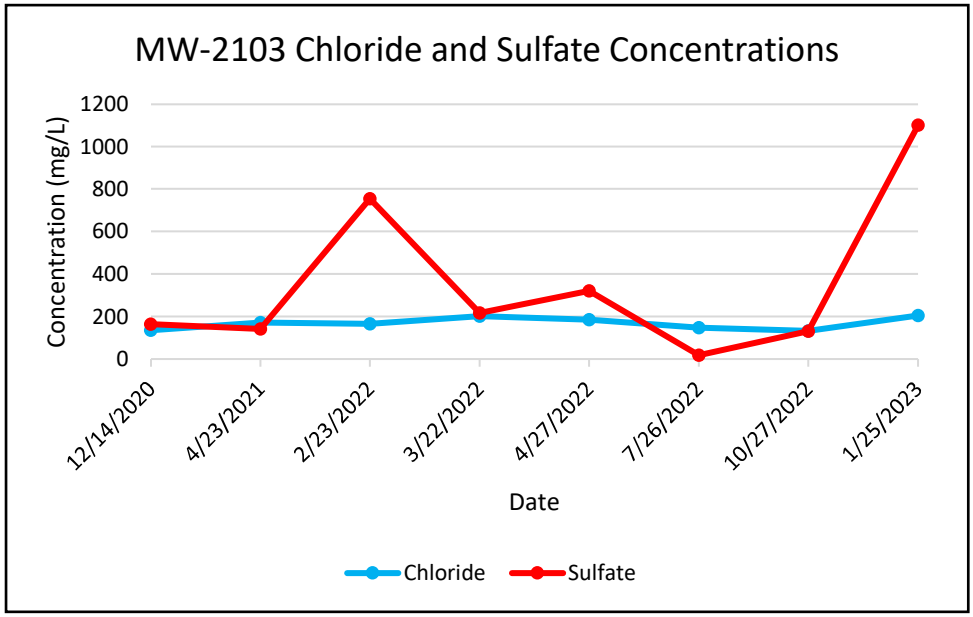

PZ-2101 Ethane, Ethene and Methane Concentrations
Concentrtion (ug/L)
25000
20000
15000
10000
5000
0
12/9/2020
4/9/2021
2/24/2022
3/23/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Ethane
Ethene
Methane

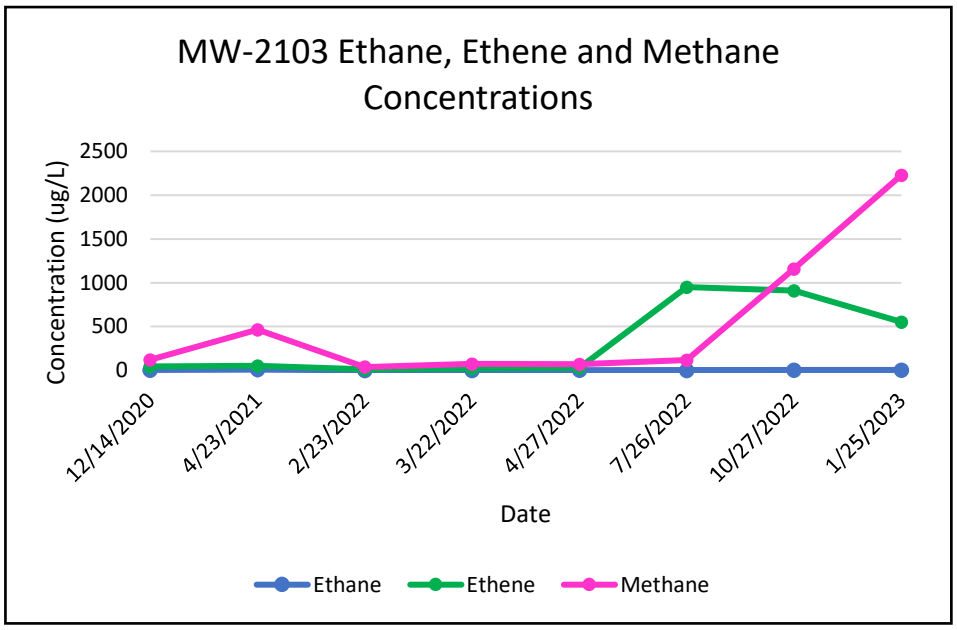

MW-2102 Dissolved Metal Concentrations
Concentration (mg/L)
500
400
300
200
100
0
12/15/2020
4/8/2021
2/22/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

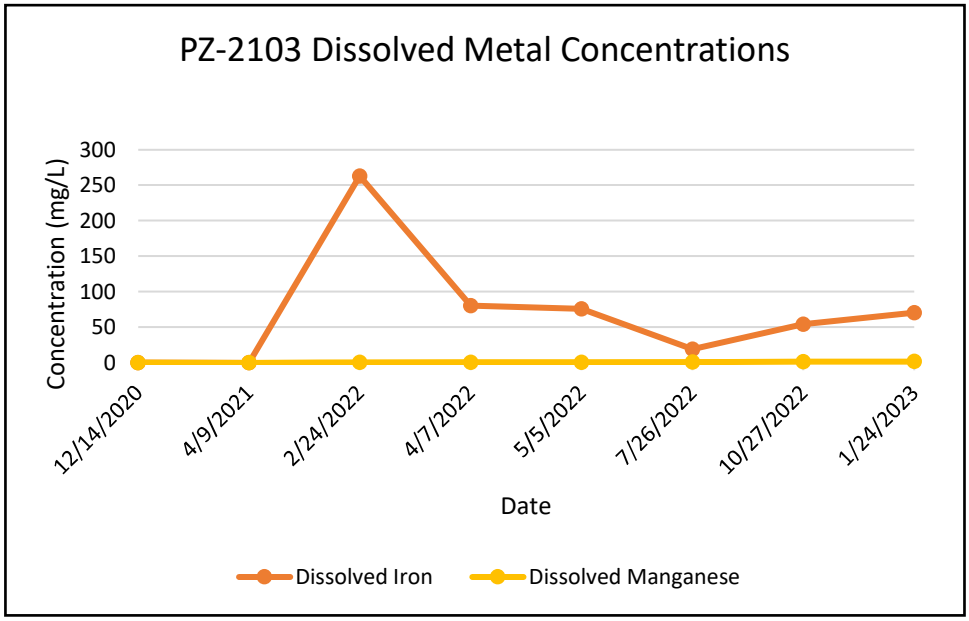

MW-2102 Chloride and Sulfate Concentrations
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
12/15/2020
4/8/2021
2/22/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

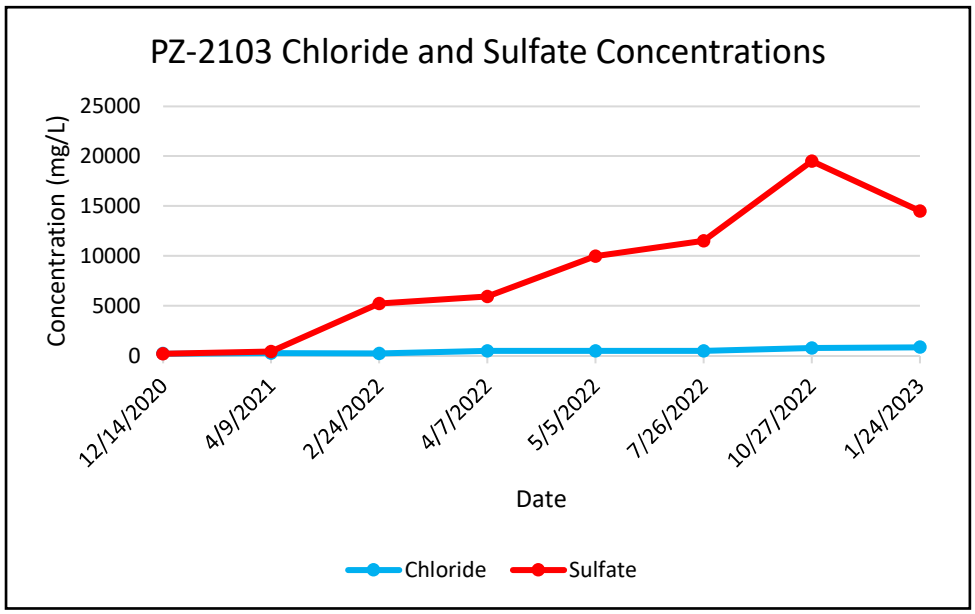

MW-2102 Ethane, Ethene and Methane Concentrations
Methane Concentration (ug/L)
10000
8000
6000
4000
2000
0
Ethane/Ethene Concentration (ug/L)
35
30
25
20
15
10
5
0
12/15/2020
4/8/2021
2/22/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/25/2023
Date
Methane
Ethane
Ethene

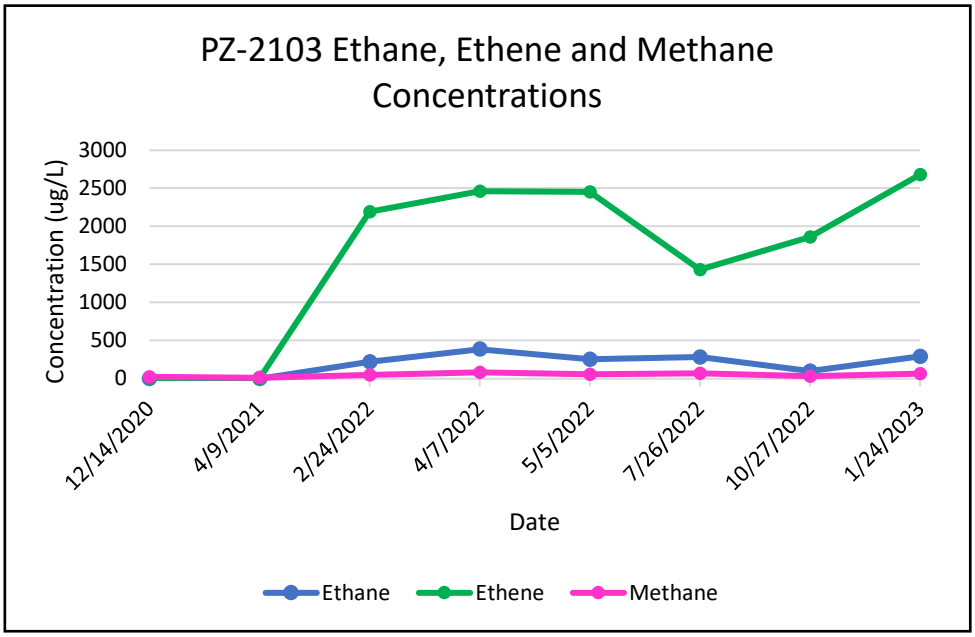

MW-2103Dissolved Metal Concentrations
Concentration (mg/L)
50
40
30
20
10
0
12/14/2020
4/23/2021
2/23/2022
3/22/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

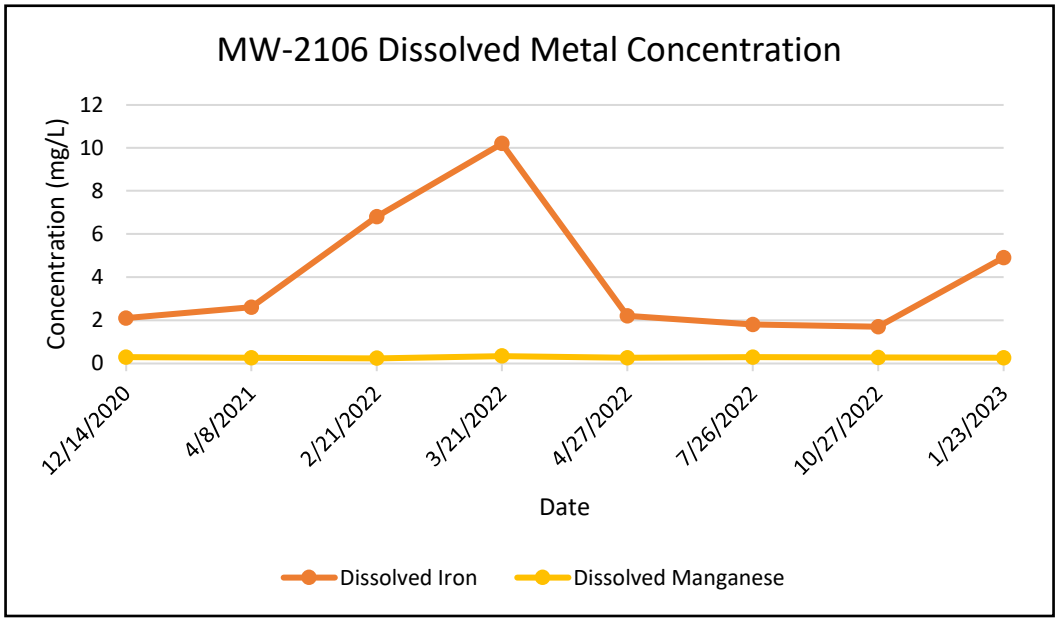

MW-2103 Chloride and Sulfate Concentrations
Concentration (mg/L)
1200
1000
800
600
400
200
0
12/14/2020
4/23/2021
2/23/2022
3/22/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

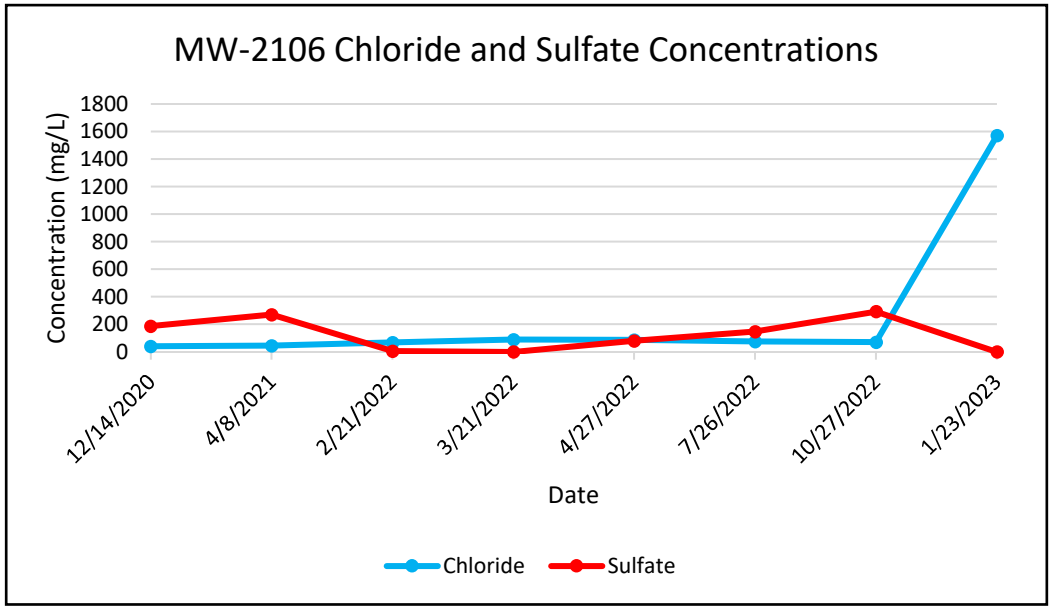

MW-2103 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
2500
2000
1500
1000
500
0
12/14/2020
4/23/2021
2/23/2022
3/22/2022
4/27/2022
7/26/2022
10/27/2022
1/25/2023
Date
Ethane
Ethene
Methane

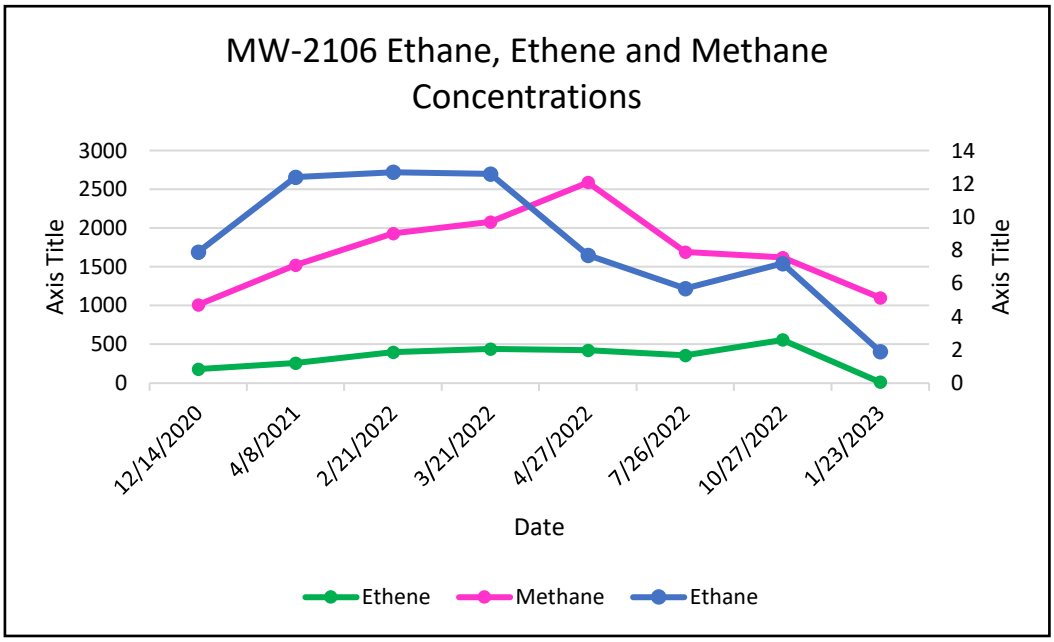

PZ-2103 Dissolved Metal Concentrations
Concentration (mg/L)
300
250
200
150
100
50
0
12/14/2020
4/9/2021
2/24/2022
4/7/2022
5/5/2022
7/26/2022
10/27/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese

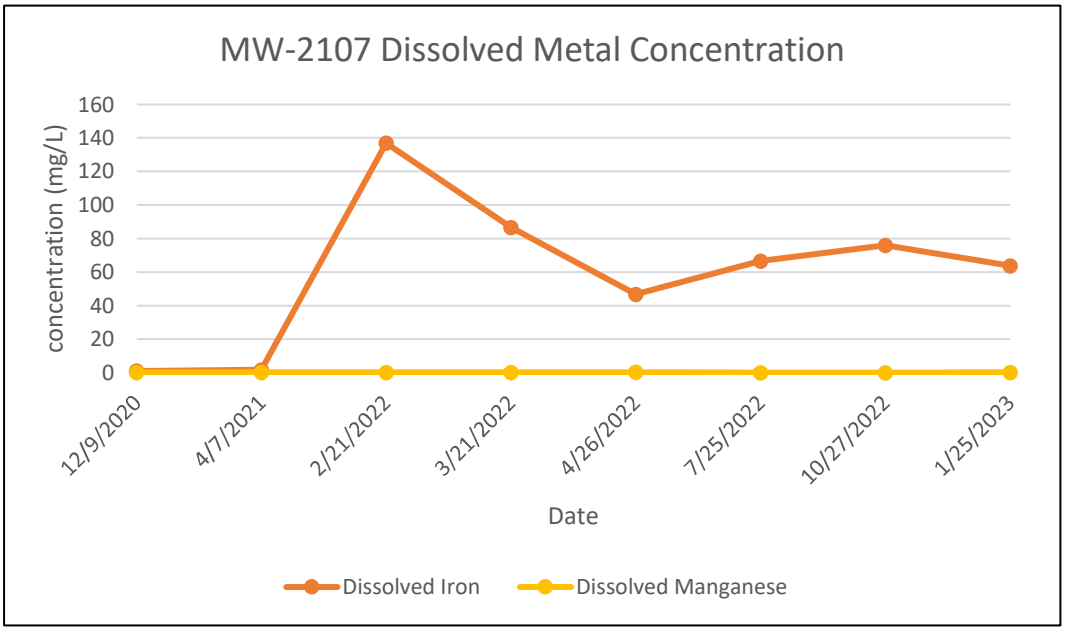

PZ-2103 Chloride and Sulfate Concentrations
Concentration (mg/L)
25000
20000
15000
10000
5000
0
12/14/2020
4/9/2021
2/24/2022
4/7/2022
5/5/2022
7/26/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

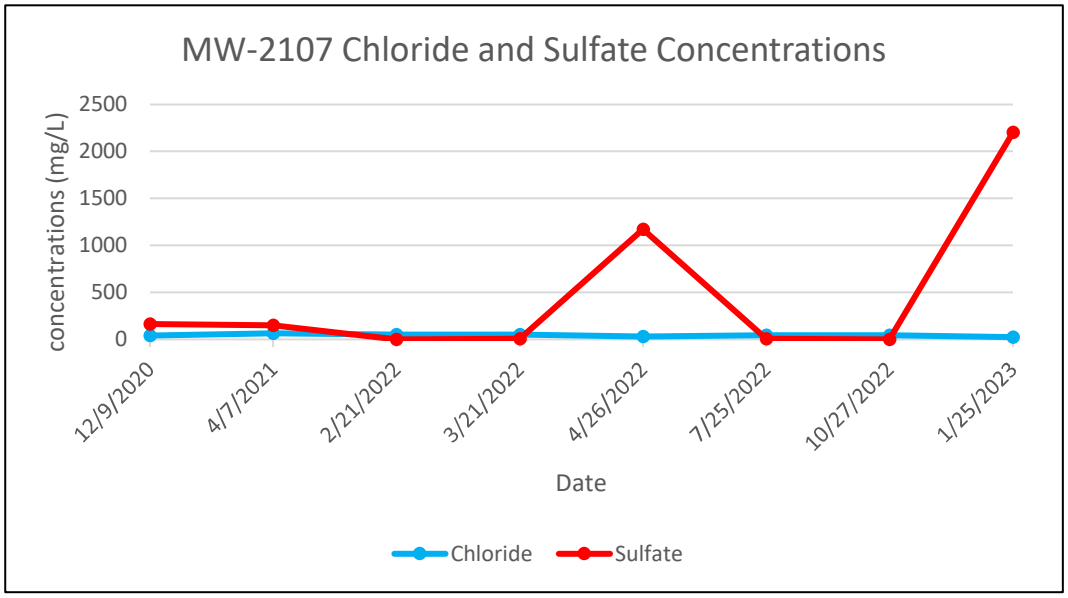

PZ-2103 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
12/14/2020
4/9/2021
2/24/2022
4/7/2022
5/5/2022
7/26/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

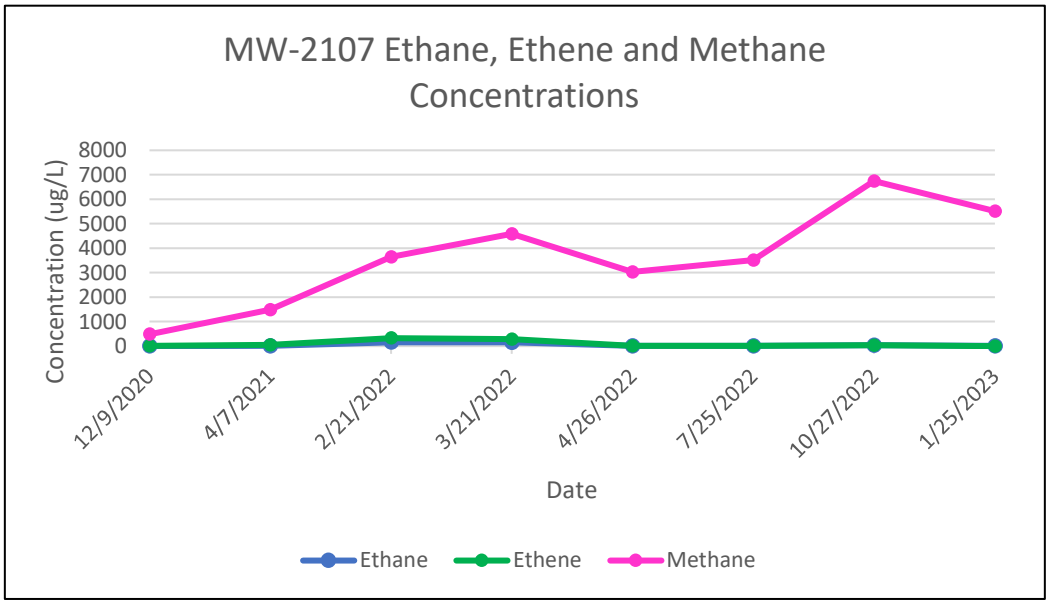

MW-2106 Dissolved Metal Concentration
Concentration (mg/L)
12
10
8
6
4
2
0
12/14/2020
4/8/2021
2/21/2022
3/21/2022
4/27/2022
7/26/2022
10/27/2022
1/23/2023
Date
Dissolved Iron
Dissolved Manganese

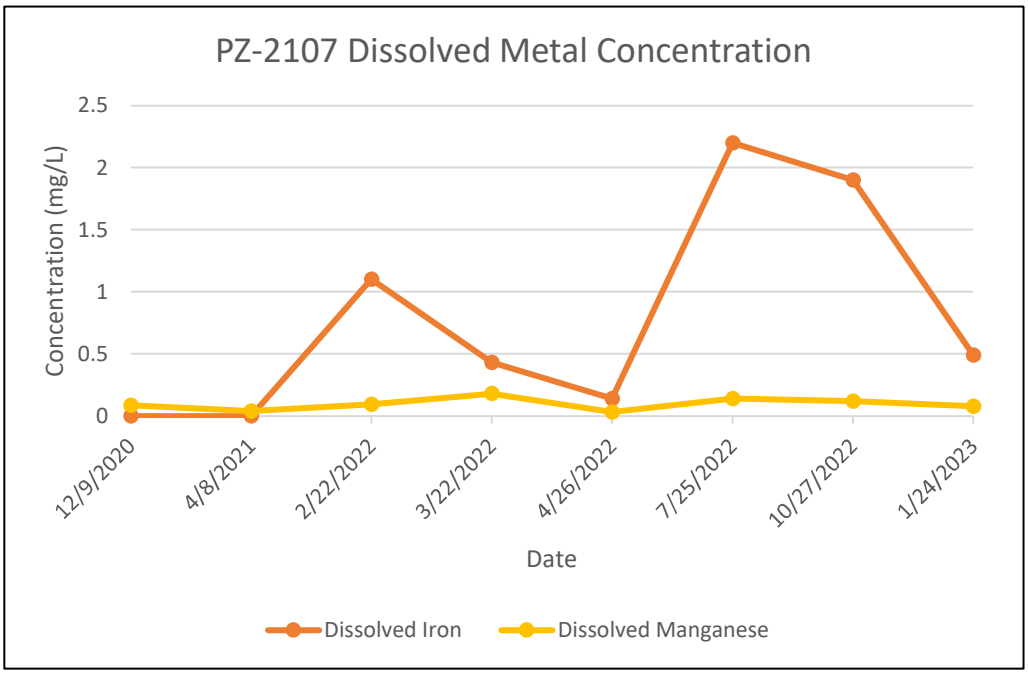

MW-2106 Chloride and Sulfate Concentrations
Concentration (mg/L)
1800
1600
1400
1200
1000
800
600
400
200
0
12/14/2020
4/8/2021
2/21/2022
3/21/2022
4/27/2022
7/26/2022
10/27/2022
1/23/2023
Date
Chloride
Sulfate

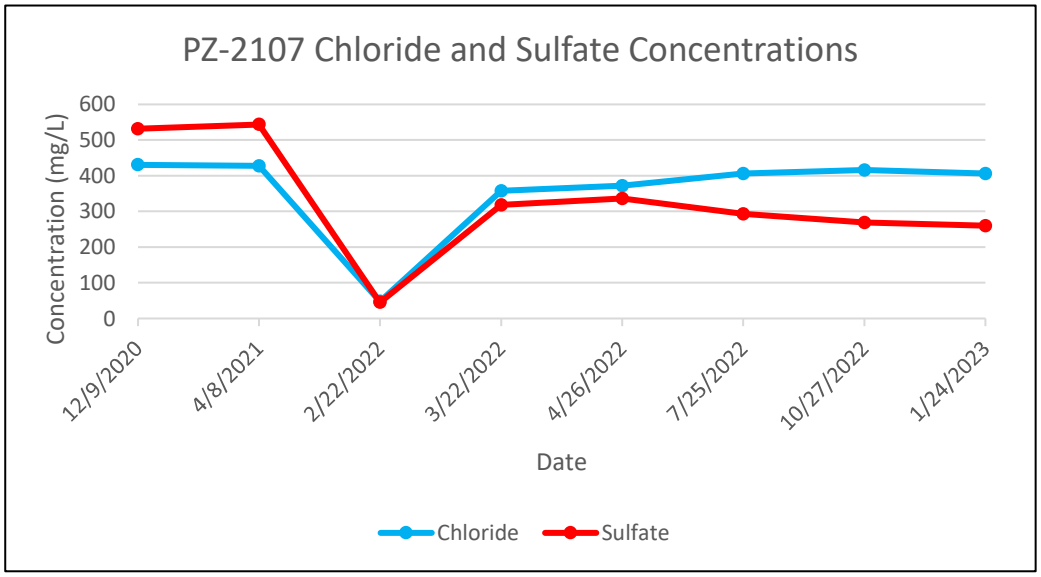

MW-2106 Ethane, Ethene and Methane Concentrations
Axis Title
3000
2500
2000
1500
1000
500
0
14
12
10
8
6
4
2
0
Axis Title
12/14/2020
4/8/2021
2/21/2022
3/21/2022
4/27/2022
7/26/2022
10/27/2022
1/23/2023
Date
Ethene
Methane
Ethane

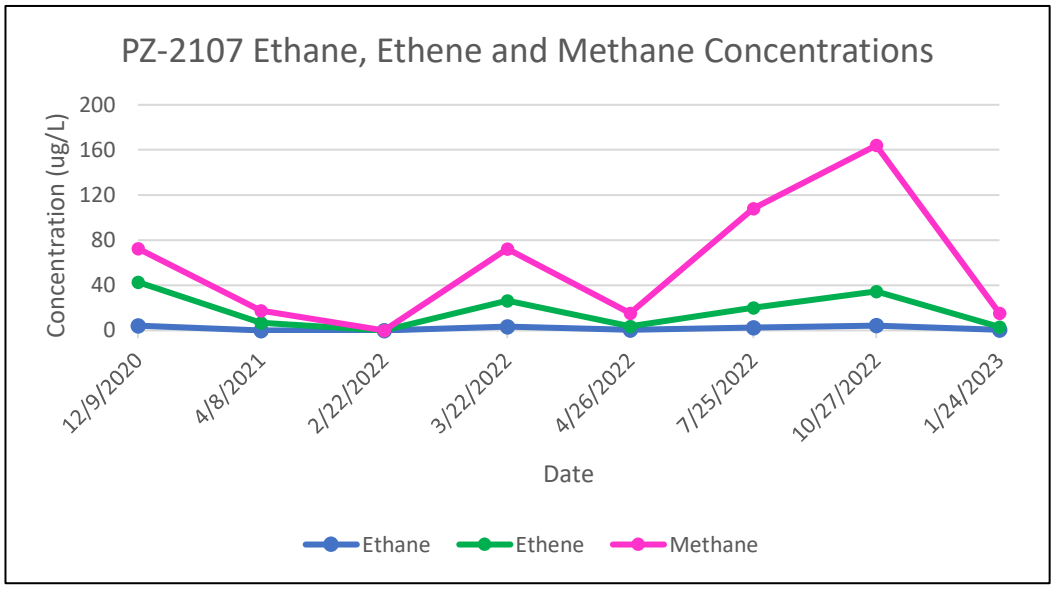

MW-2107 Dissolved Metal Concentration
concentration (mg/L)
160
140
120
100
80
60
40
20
0
12/9/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

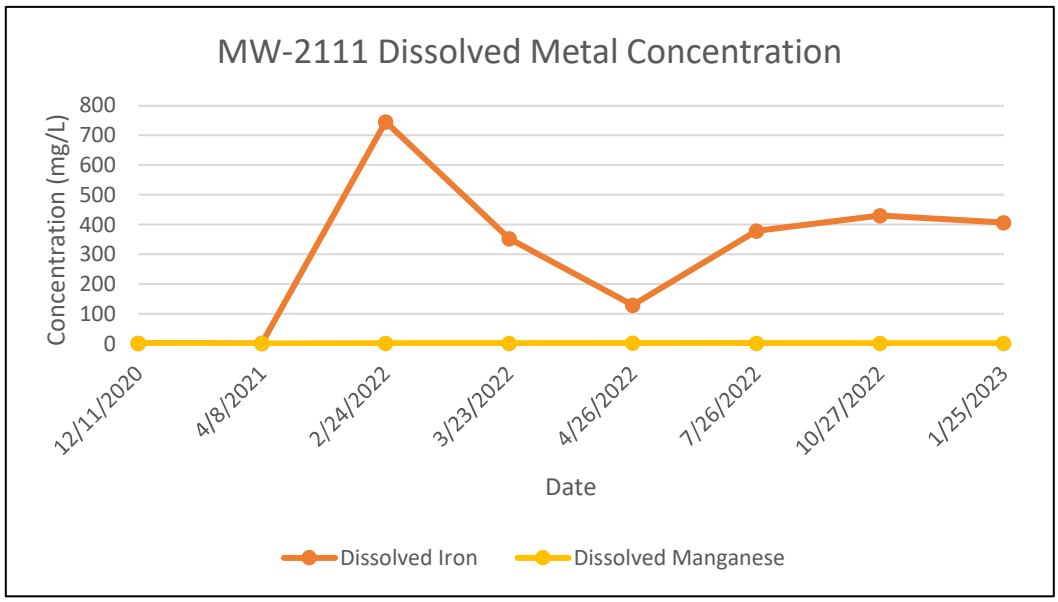

MW-2107 Chloride and Sulfate Concentrations
concentrations (mg/L)
2500
2000
1500
1000
500
0
12/9/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

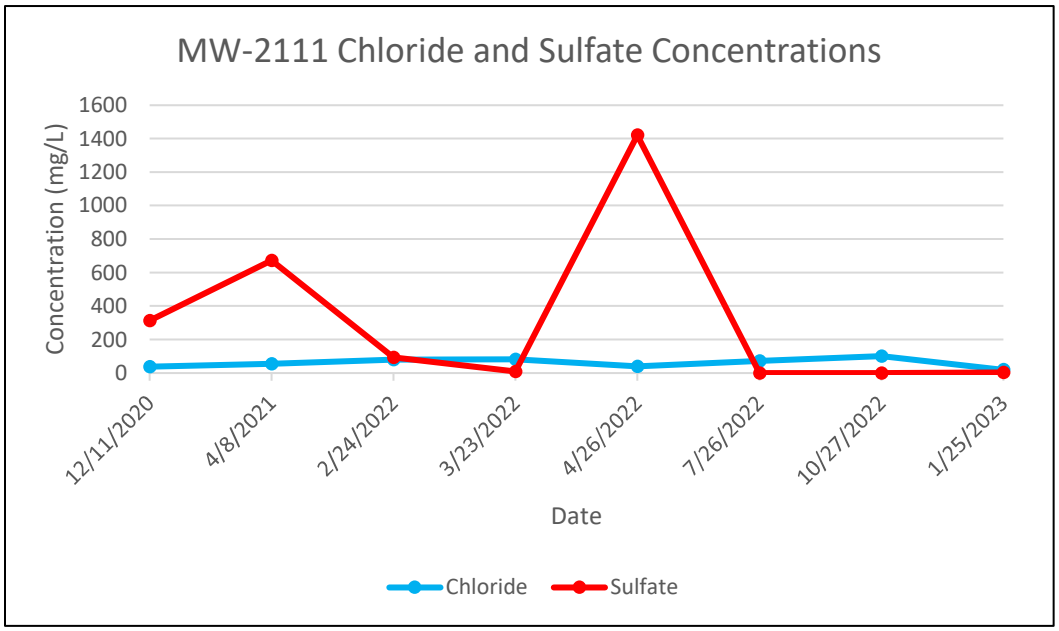

MW-2107 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
12/9/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/25/2023
Date
Ethane
Ethene
Methane

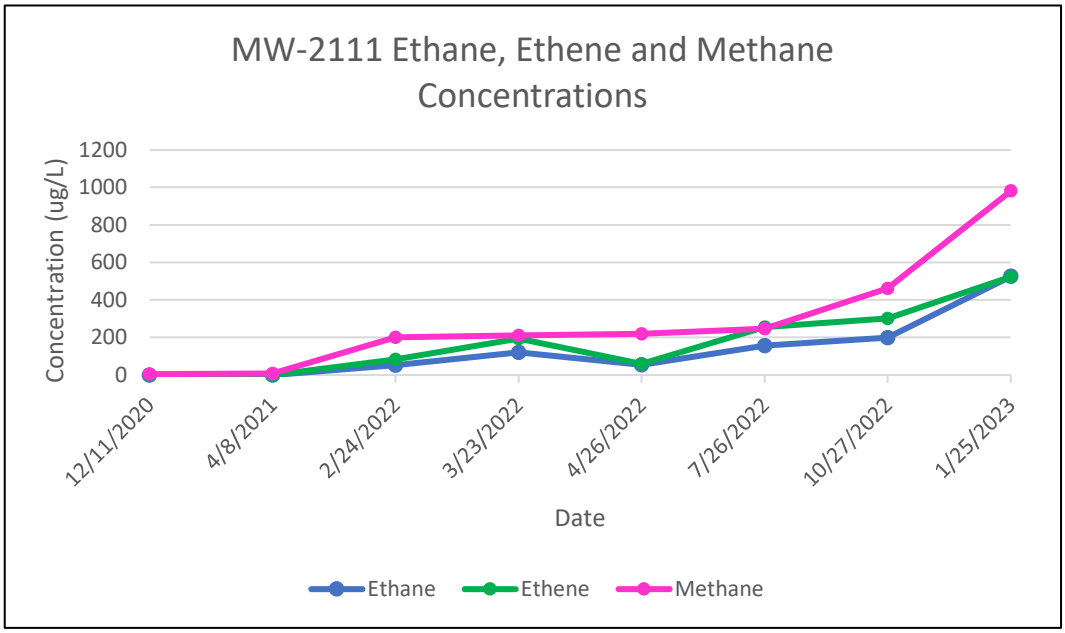

PZ-2107 Dissolved Metal Concentration
Concentration (mg/L)
2.5
2
1.5
1
0.5
0
12/9/2020
4/8/2021
2/22/2022
3/22/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese

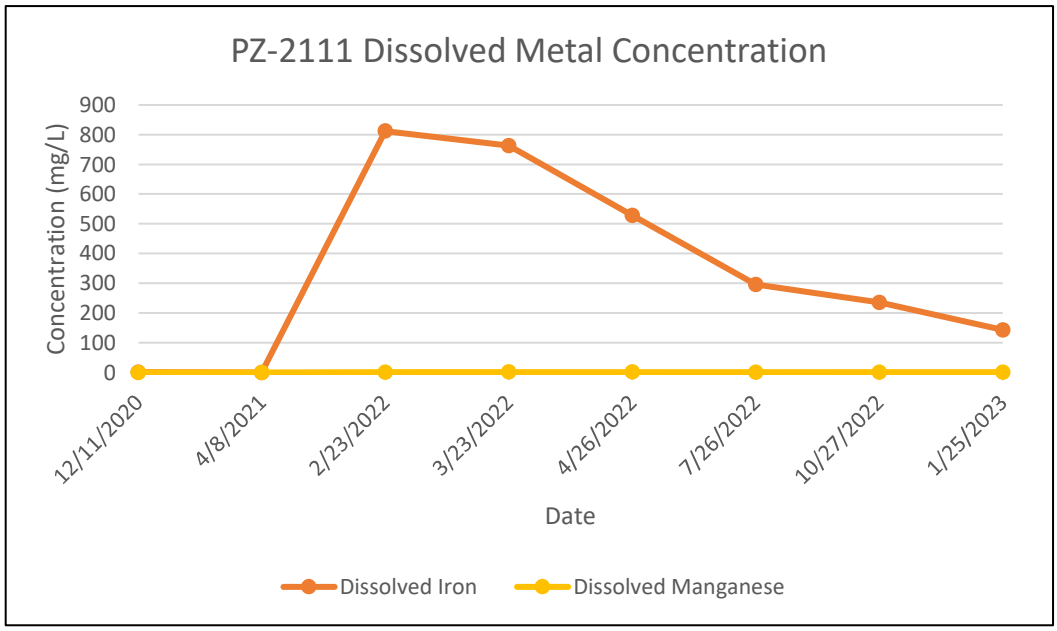

PZ-2107 Chloride and Sulfate Concentrations
Concentration (mg/L)
600
500
400
300
200
100
0
12/9/2020
4/8/2021
2/22/2022
3/22/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

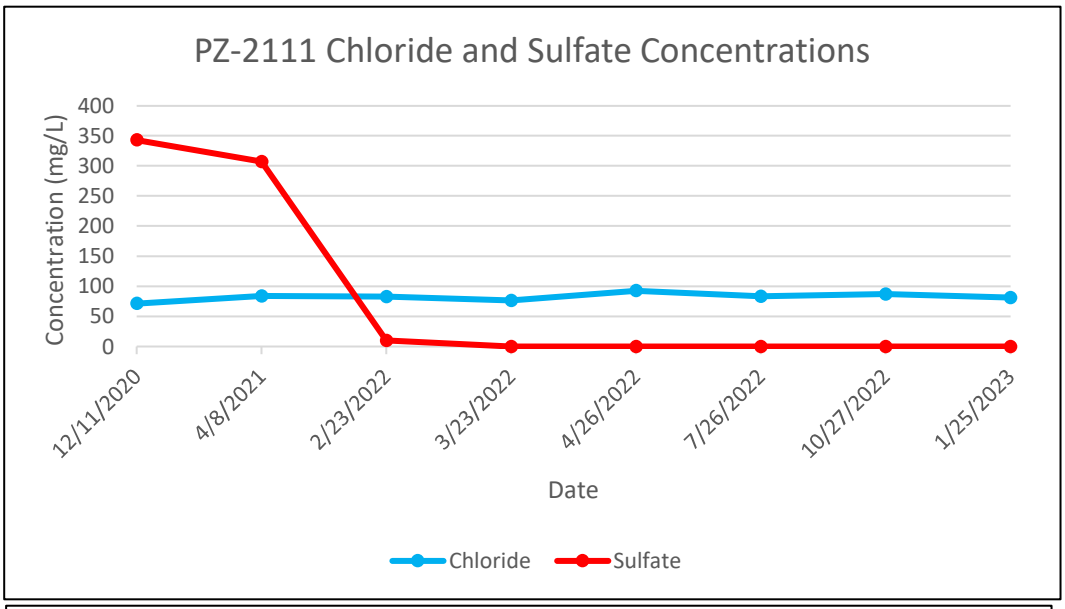

PZ-2107 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
200
160
120
80
40
0
12/9/2020
4/8/2021
2/22/2022
3/22/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

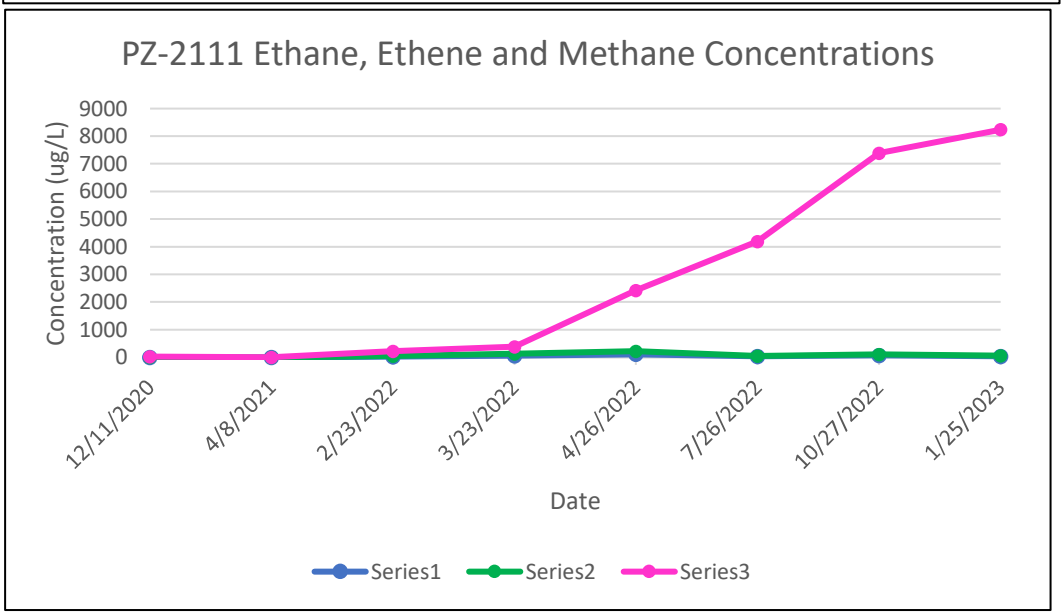

MW-2111 Dissolved Metal Concentration
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
12/11/2020
4/8/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

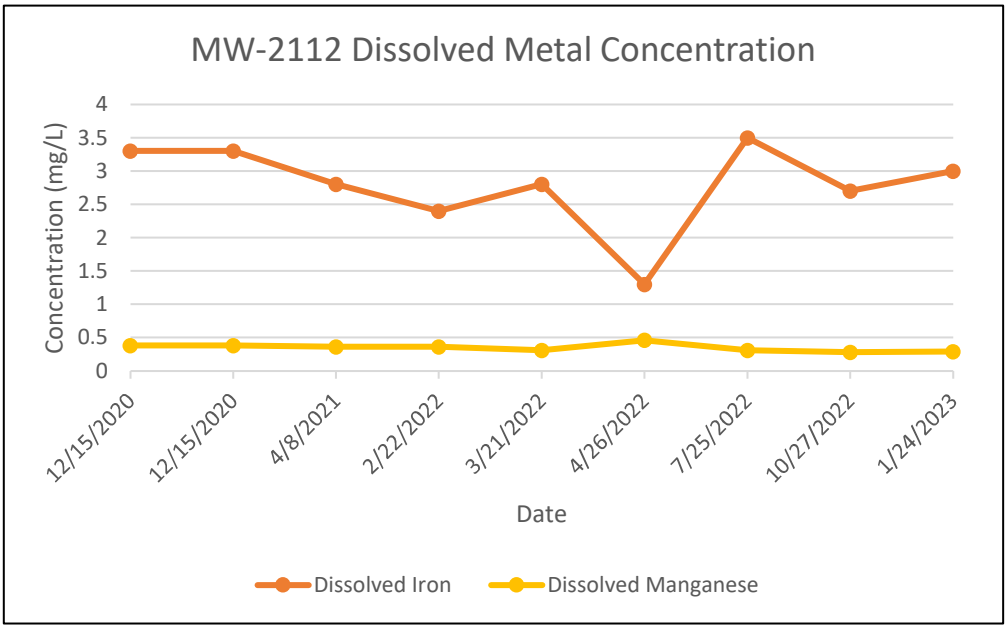

MW-2111 Chloride and Sulfate Concentrations
Concentration (mg/L)
1600
1400
1200
1000
800
600
400
200
0
12/11/2020
4/8/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

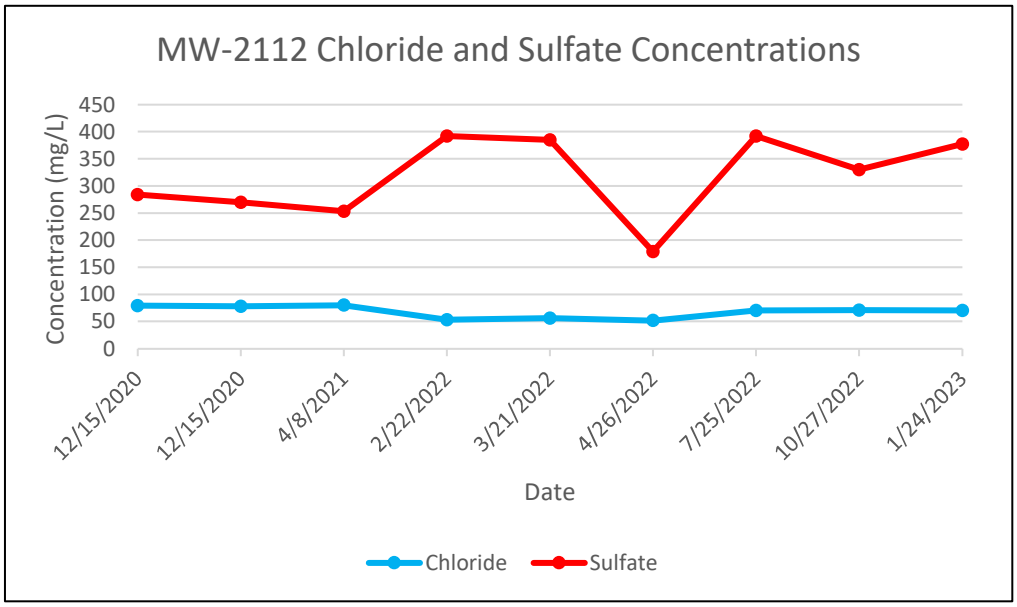

MW-2111 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
1200
1000
800
600
400
200
0
12/11/2020
4/8/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Ethane
Ethene
Methane

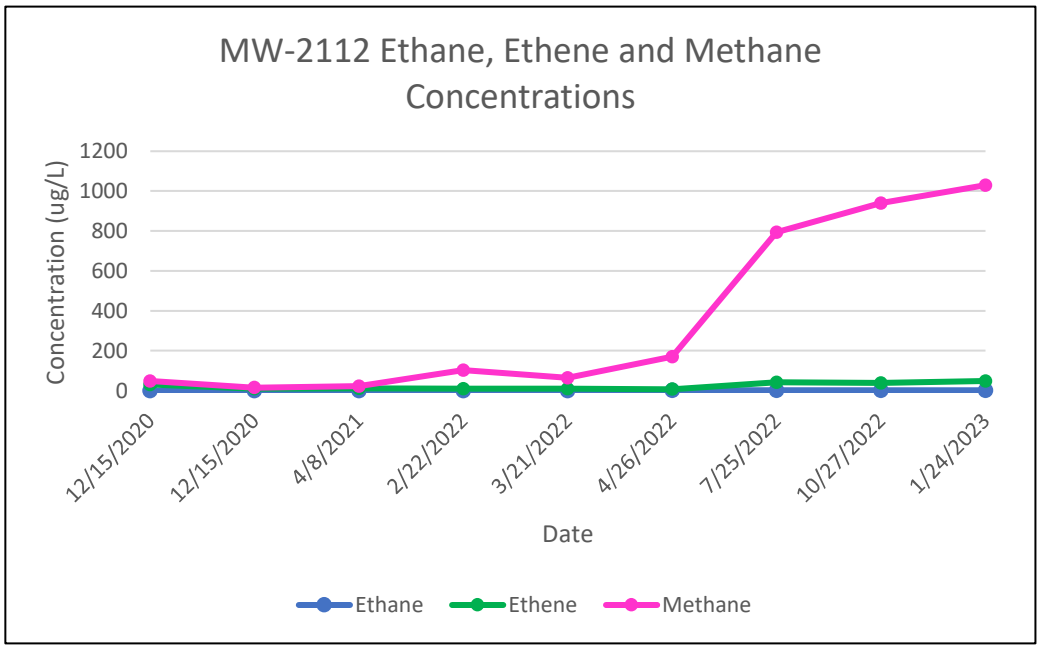

PZ-2111 Dissolved Metal Concentration
Concentration (mg/L)
900
800
700
600
500
400
300
200
100
0
12/11/2020
4/8/2021
2/23/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

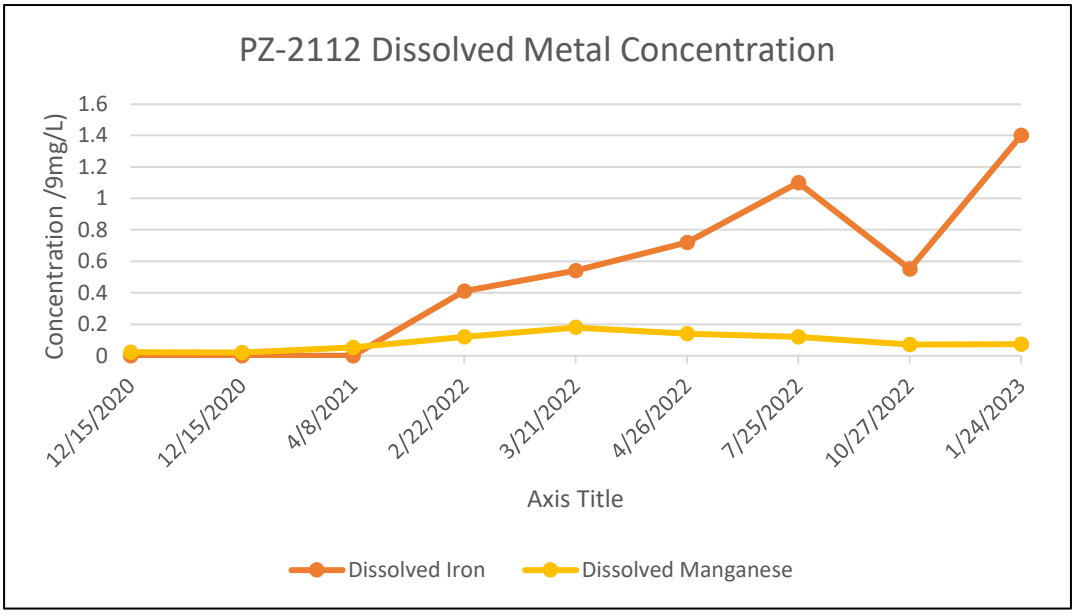

PZ-2111 Chloride and Sulfate Concentrations
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
12/11/2020
4/8/2021
2/23/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

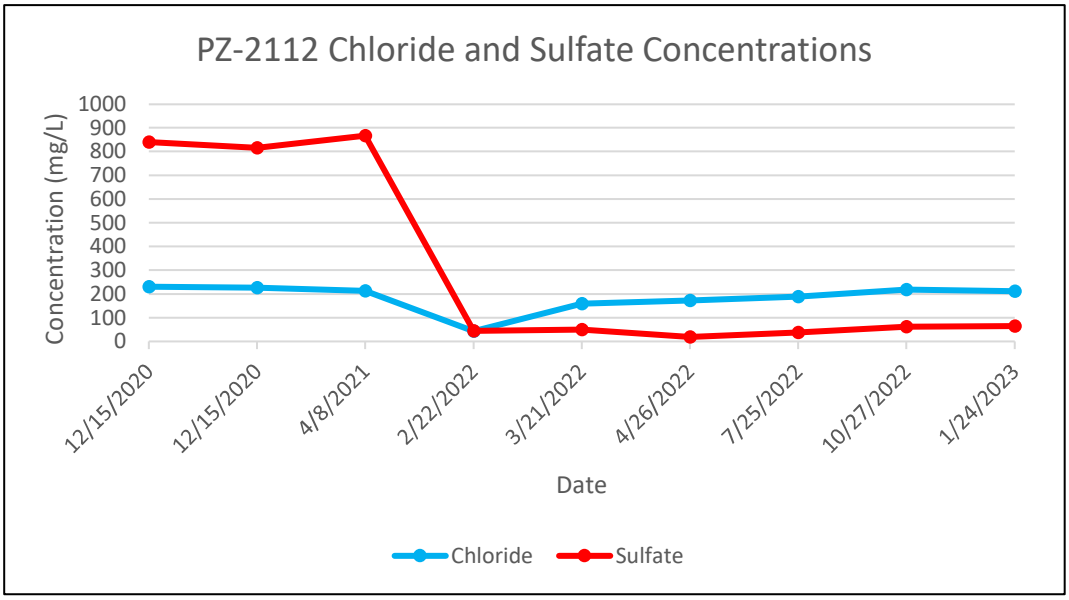

PZ-2111 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
12/11/2020
4/8/2021
2/23/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Series1
Series2
Series3

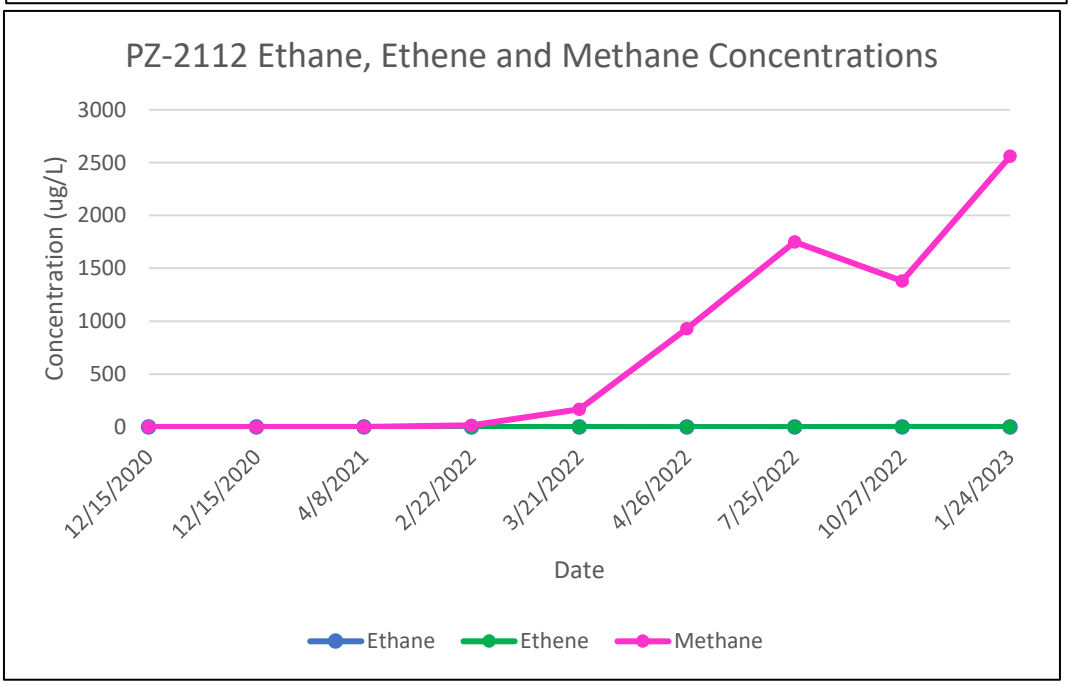

MW-2112 Dissolved Metal Concentration
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
12/15/2020
12/15/2020
4/8/2021
2/22/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese

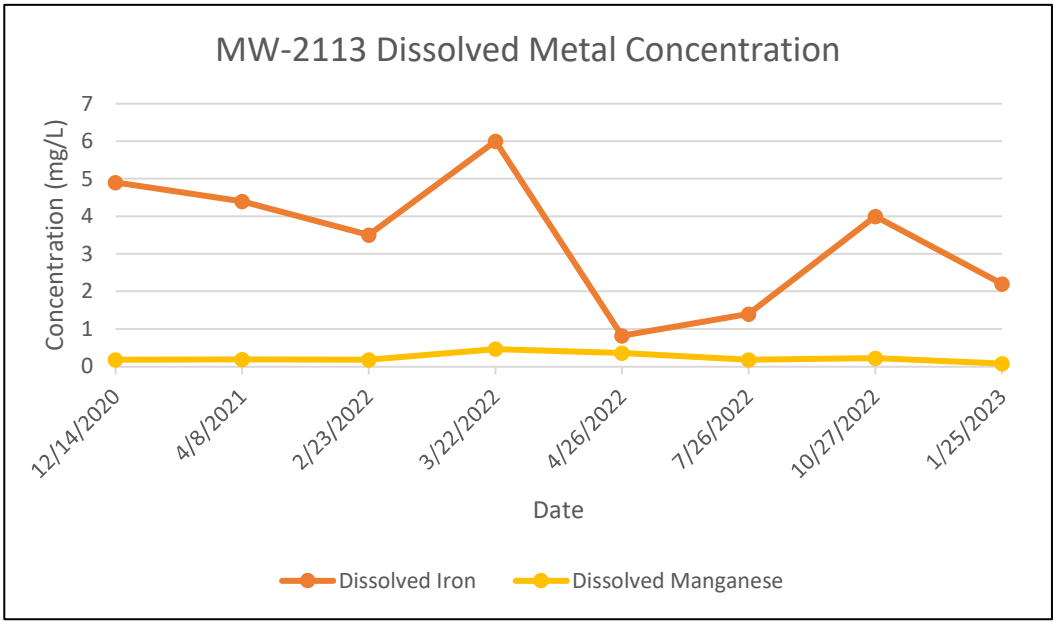

MW-2112 Chloride and Sulfate Concentrations
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
12/15/2020
12/15/2020
4/8/2021
2/22/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

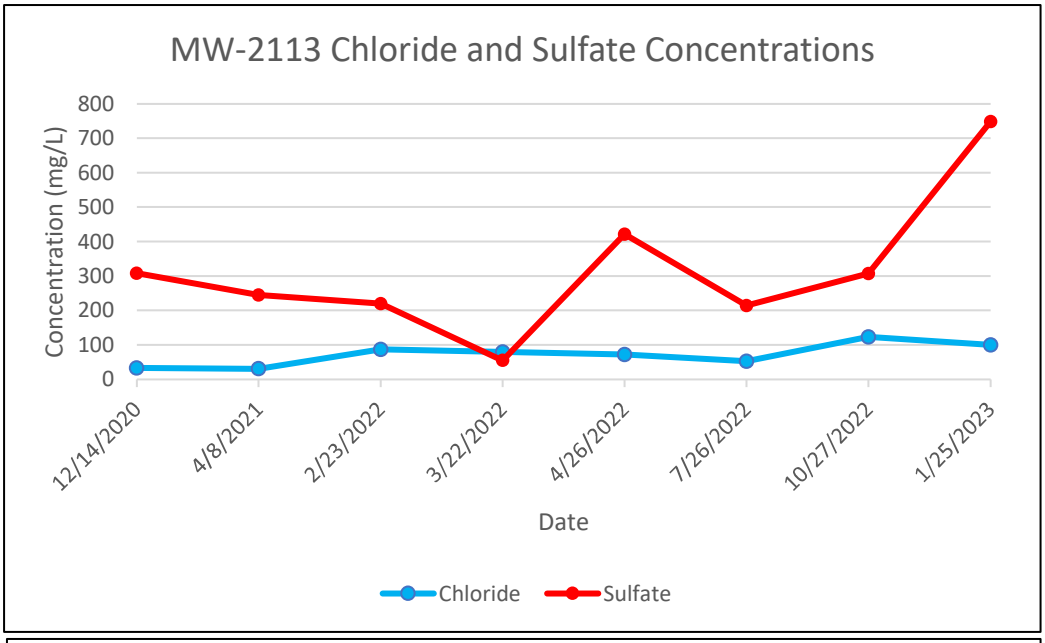

MW-2112 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
1200
1000
800
600
400
200
0
12/15/2020
12/15/2020
4/8/2021
2/22/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

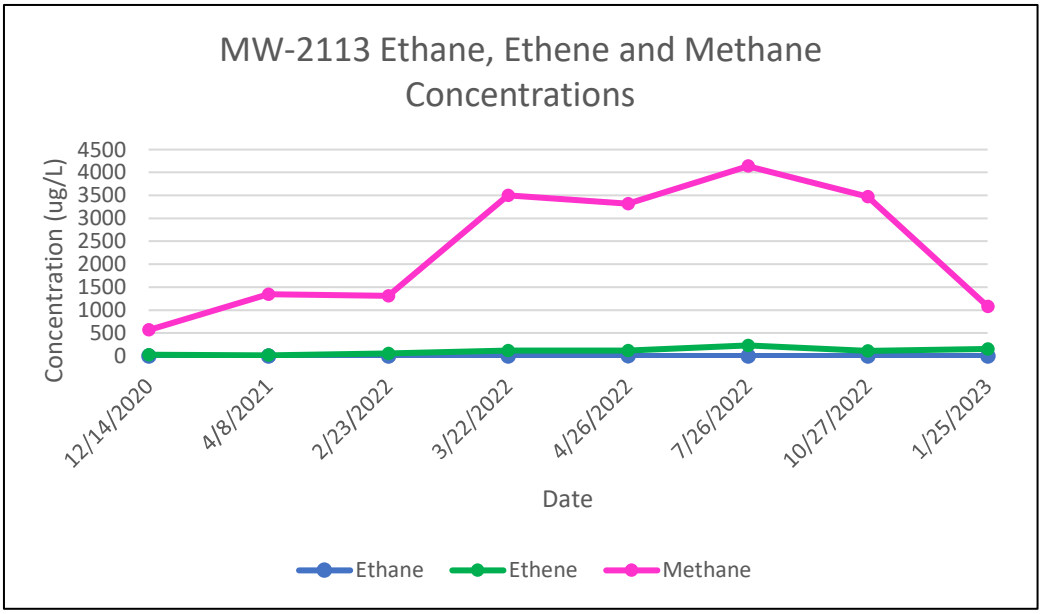

PZ-2112 Dissolved Metal Concentration
Concentration /9mg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12/15/2020
12/15/2020
4/8/2021
2/22/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Axis Title
Dissolved Iron
Dissolved Manganese

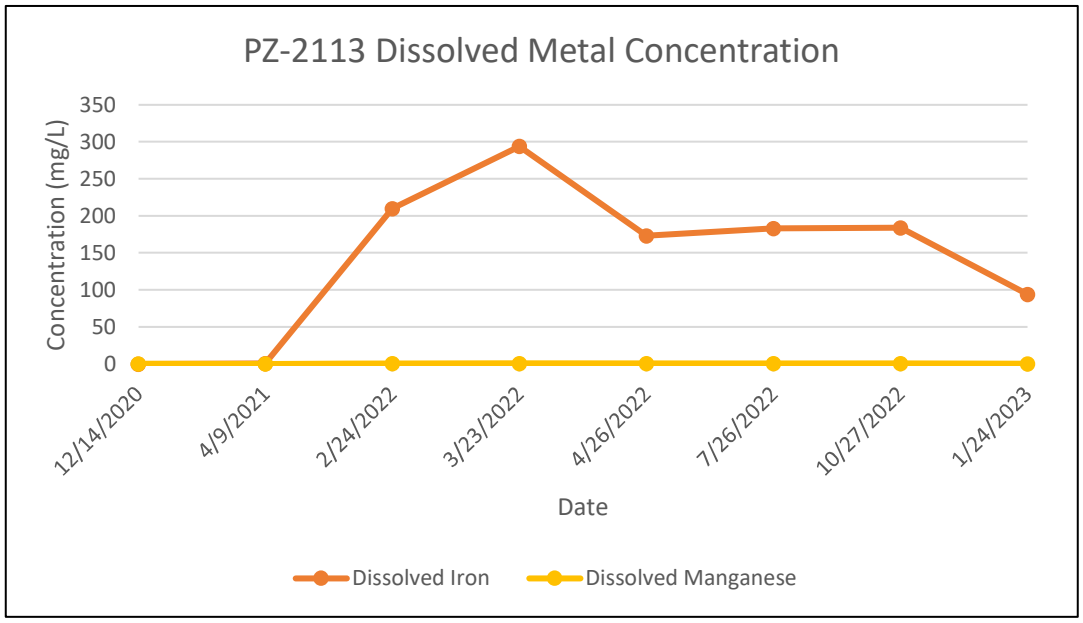

PZ-2112 Chloride and Sulfate Concentrations
Concentration (mg/L)
1000
900
800
700
600
500
400
300
200
100
0
12/15/2020
12/15/2020
4/8/2021
2/22/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

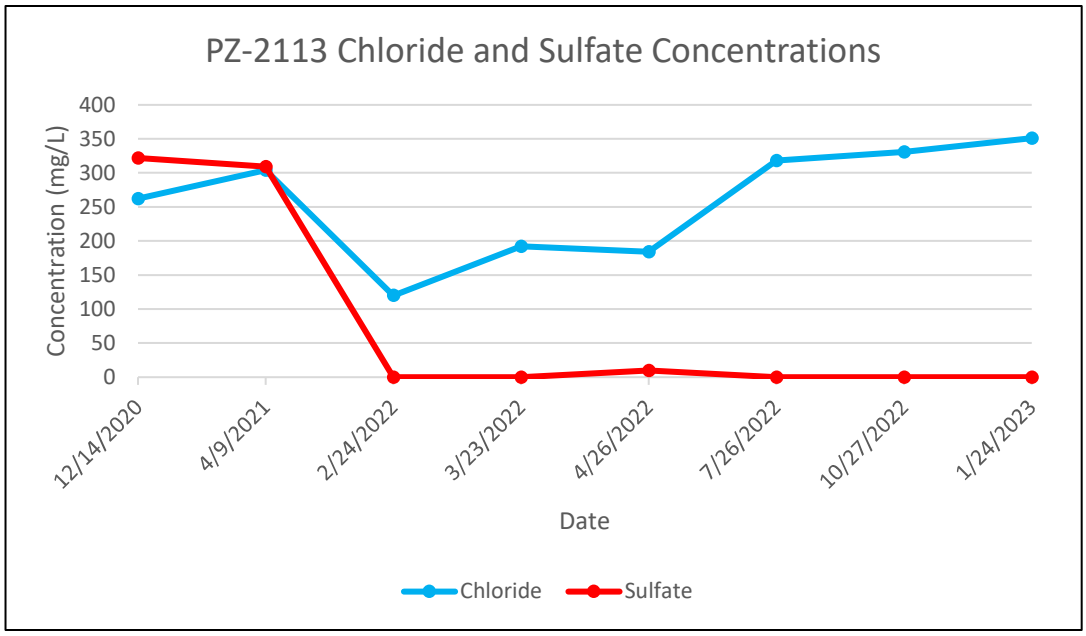

PZ-2112 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
12/15/2020
12/15/2020
4/8/2021
2/22/2022
3/21/2022
4/26/2022
7/25/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

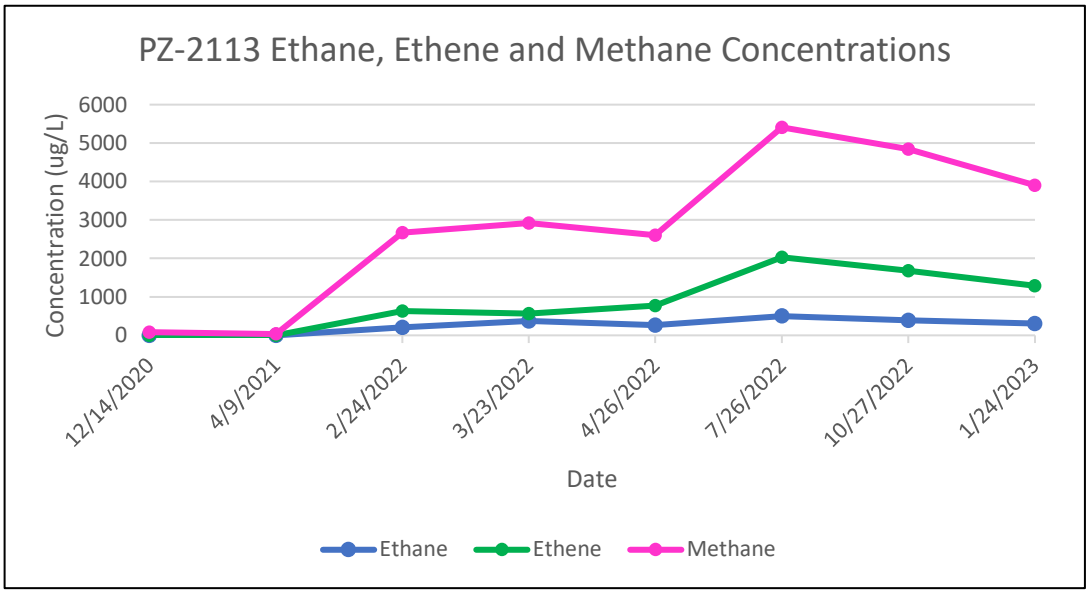

MW-2113 Dissolved Metal Concentration
Concentration (mg/L)
7
6
5
4
3
2
1
0
12/14/2020
4/8/2021
2/23/2022
3/22/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

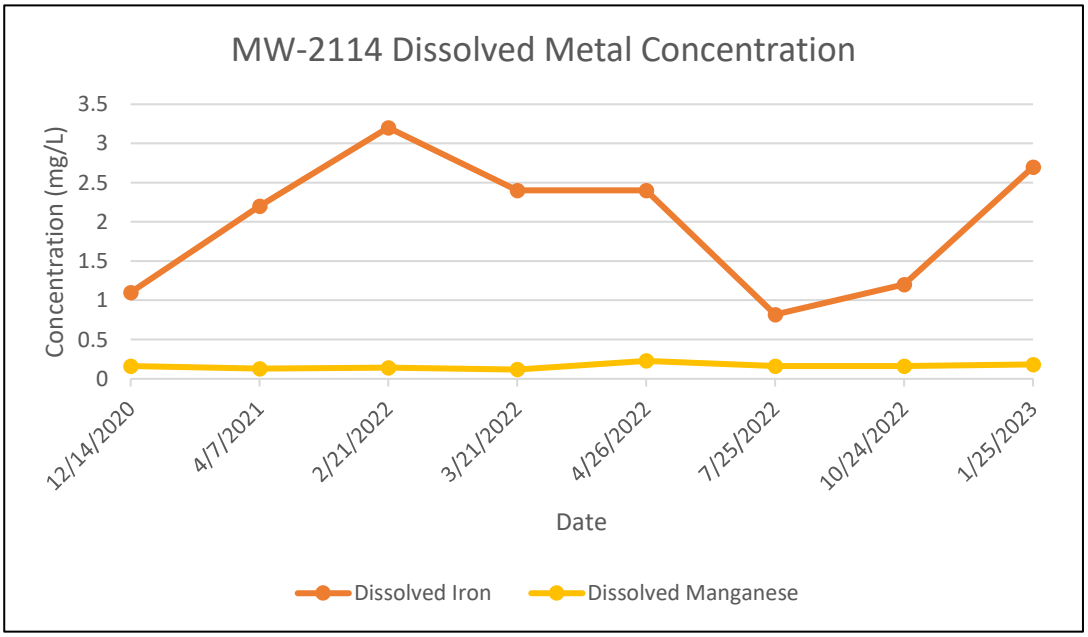

MW-2113 Chloride and Sulfate Concentrations
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
12/14/2020
4/8/2021
2/23/2022
3/22/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Chloride
Sulfate

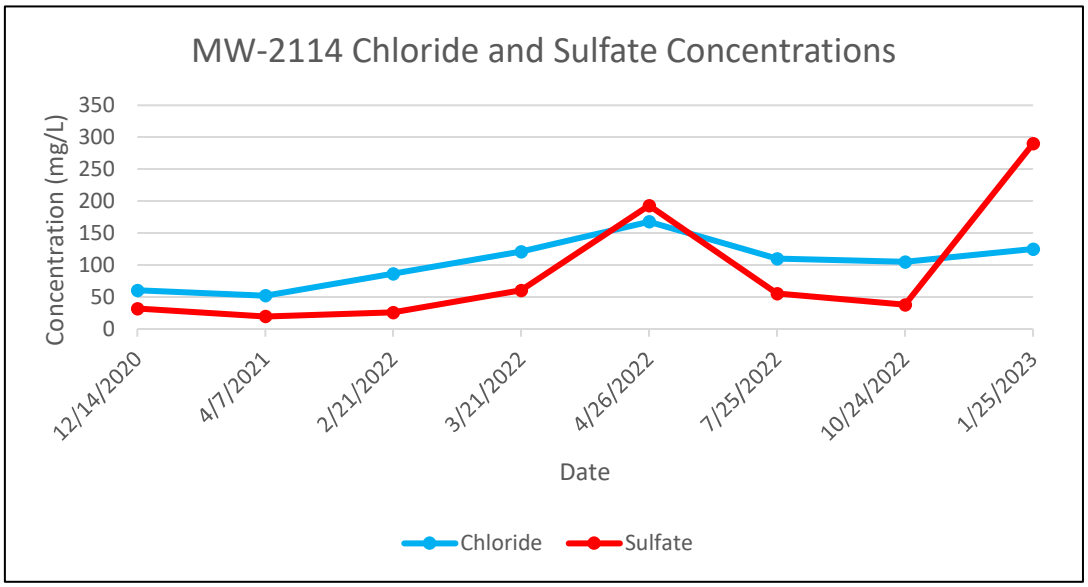

MW-2113 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
12/14/2020
4/8/2021
2/23/2022
3/22/2022
4/26/2022
7/26/2022
10/27/2022
1/25/2023
Date
Ethane
Ethene
Methane

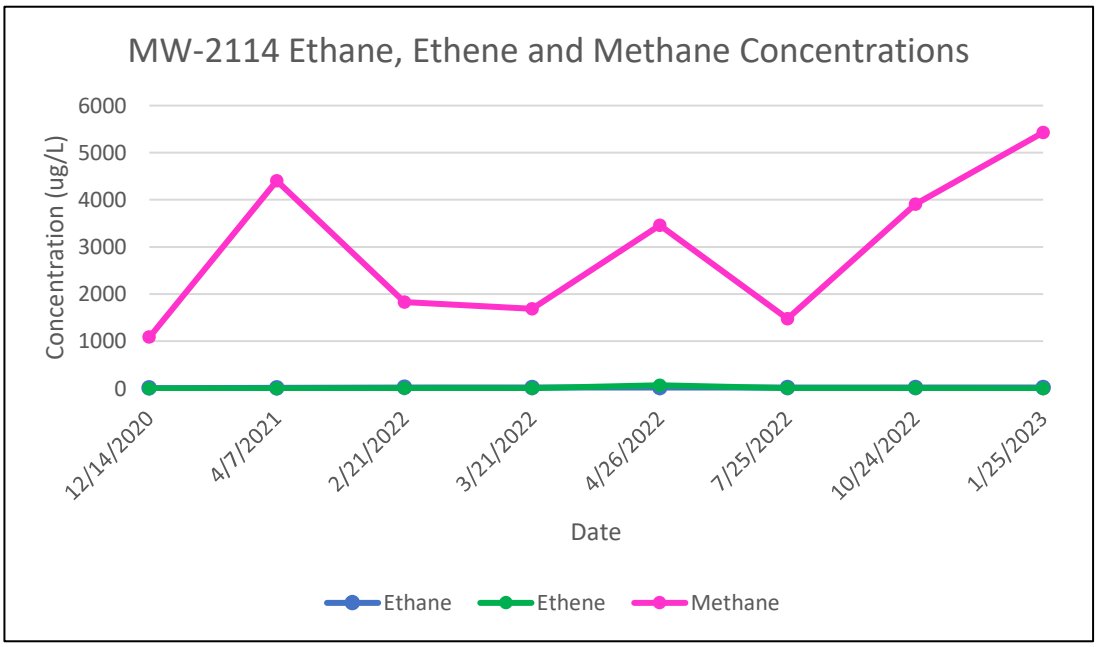

PZ-2113 Dissolved Metal Concentration
Concentration (mg/L)
350
300
250
200
150
100
50
0
12/14/2020
4/9/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese

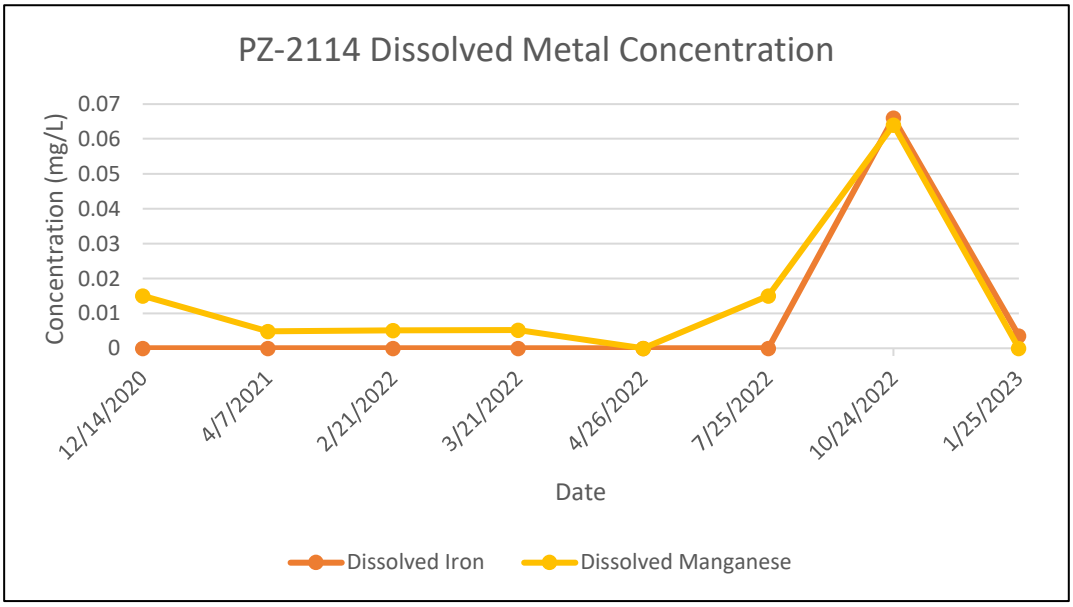

PZ-2113 Chloride and Sulfate Concentrations
Concentration (mg/L)
400
350
300
250
200
150
100
50
0
12/14/2020
4/9/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

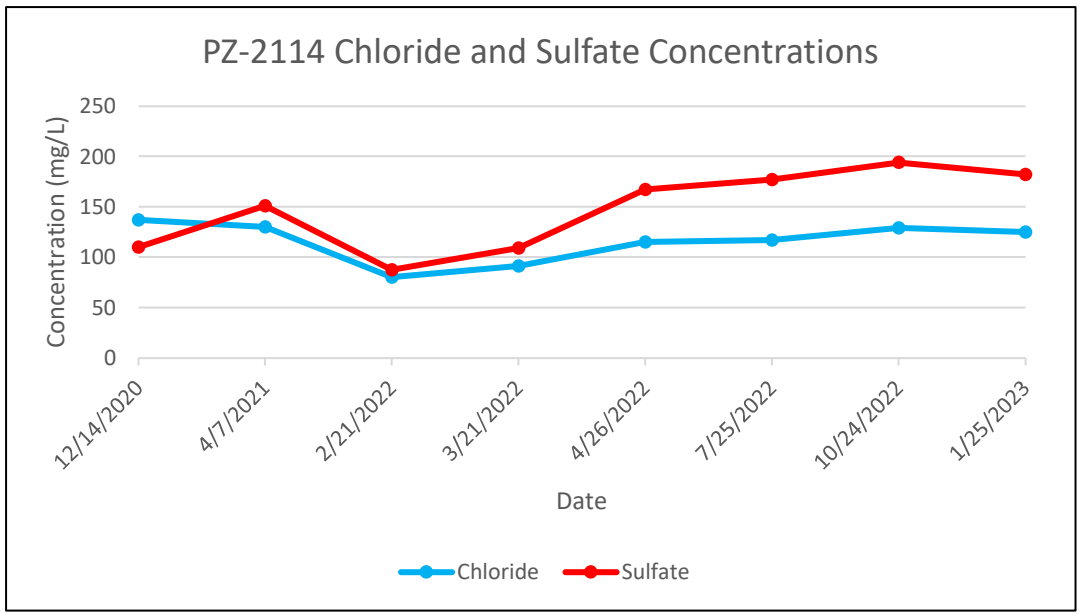

PZ-2113 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
12/14/2020
4/9/2021
2/24/2022
3/23/2022
4/26/2022
7/26/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

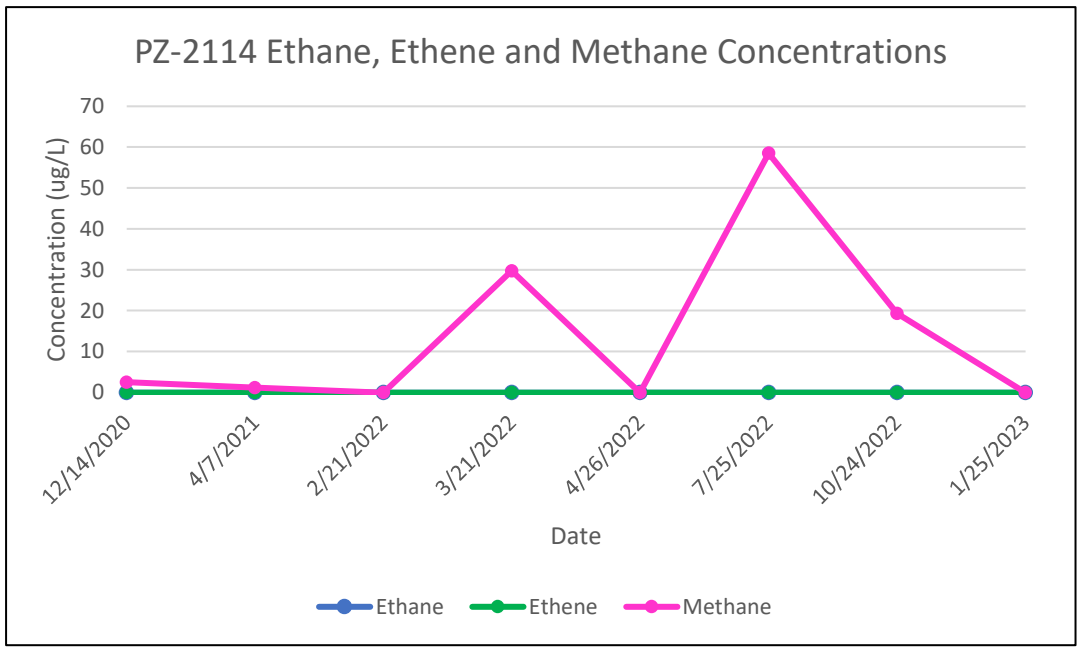

MW-2114 Dissolved Metal Concentration
Concentration (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
12/14/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/24/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

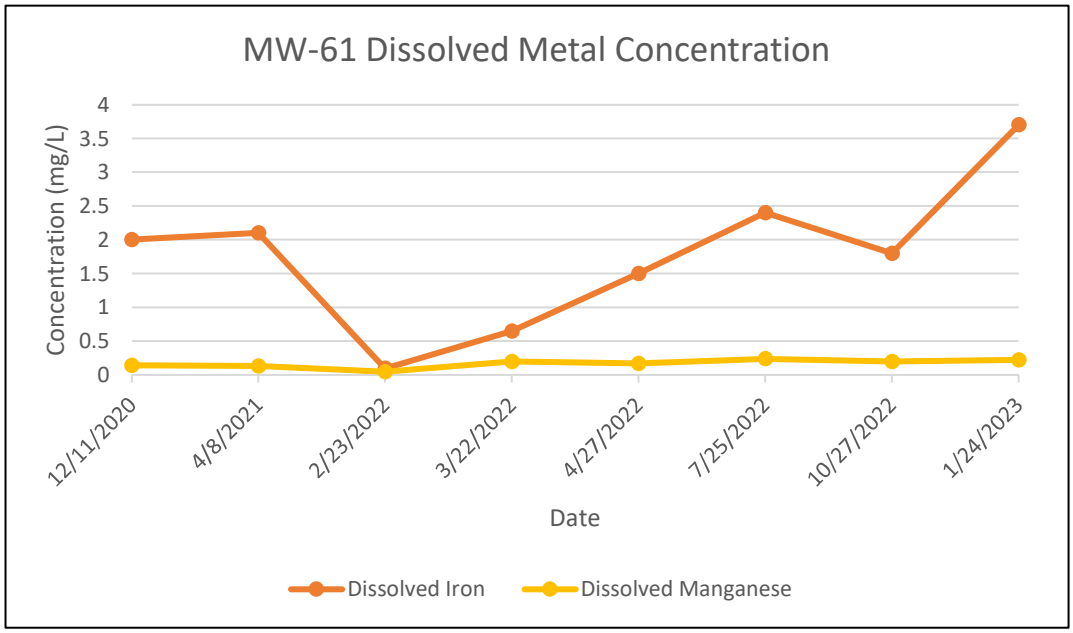

MW-2114 Chloride and Sulfate Concentrations
Concentration (mg/L)
350
300
250
200
150
100
50
0
12/14/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/24/2022
1/25/2023
Date
Chloride
Sulfate

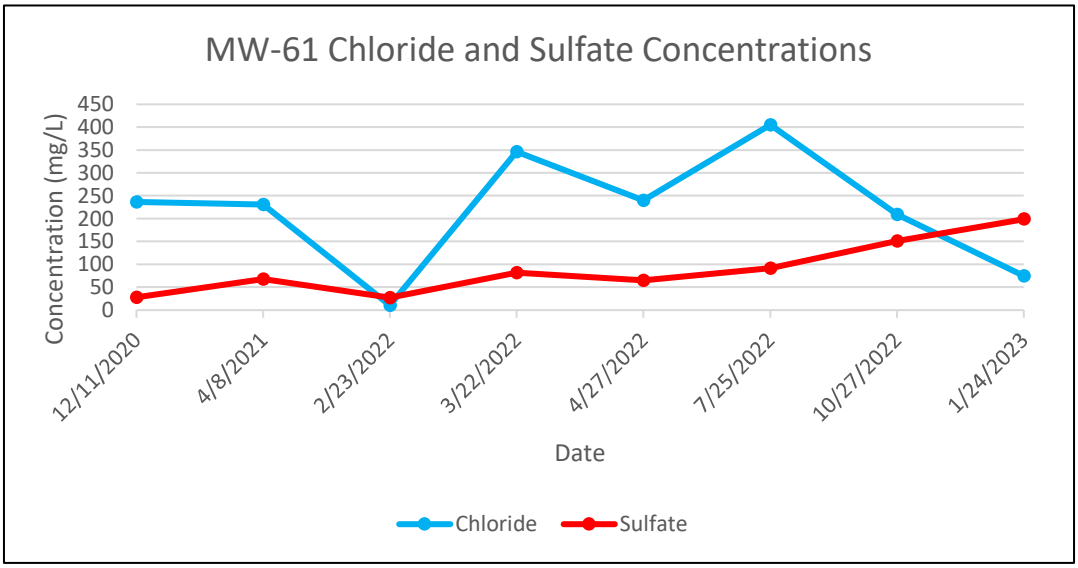

MW-2114 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
6000
5000
4000
3000
2000
1000
0
12/14/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/24/2022
1/25/2023
Date
Ethane
Ethene
Methane

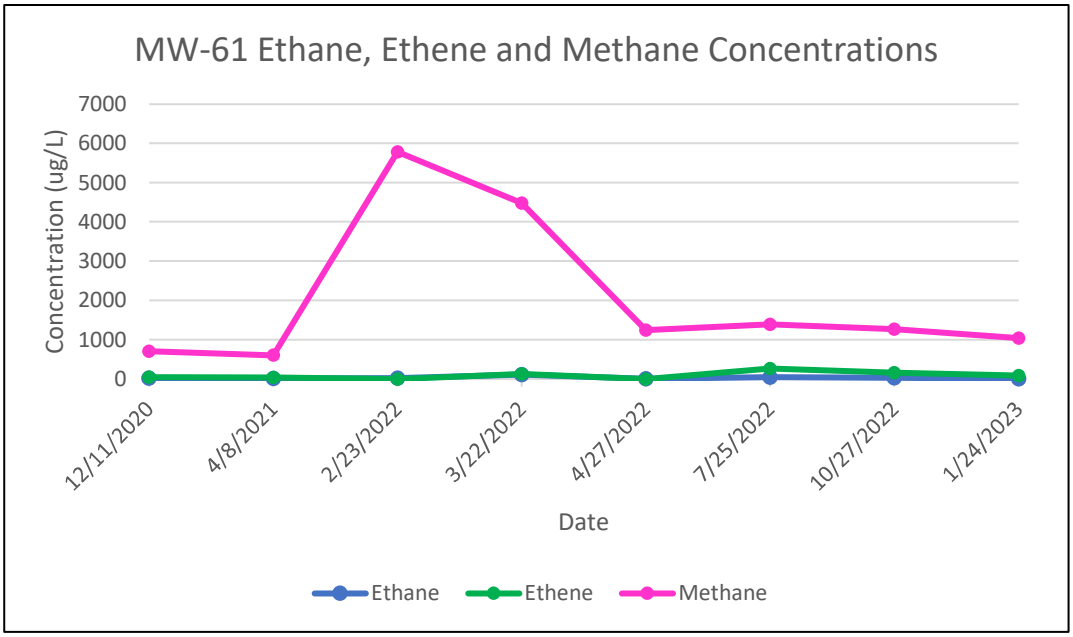

PZ-2114 Dissolved Metal Concentration
Concentration (mg/L)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
12/14/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/24/2022
1/25/2023
Date
Dissolved Iron
Dissolved Manganese

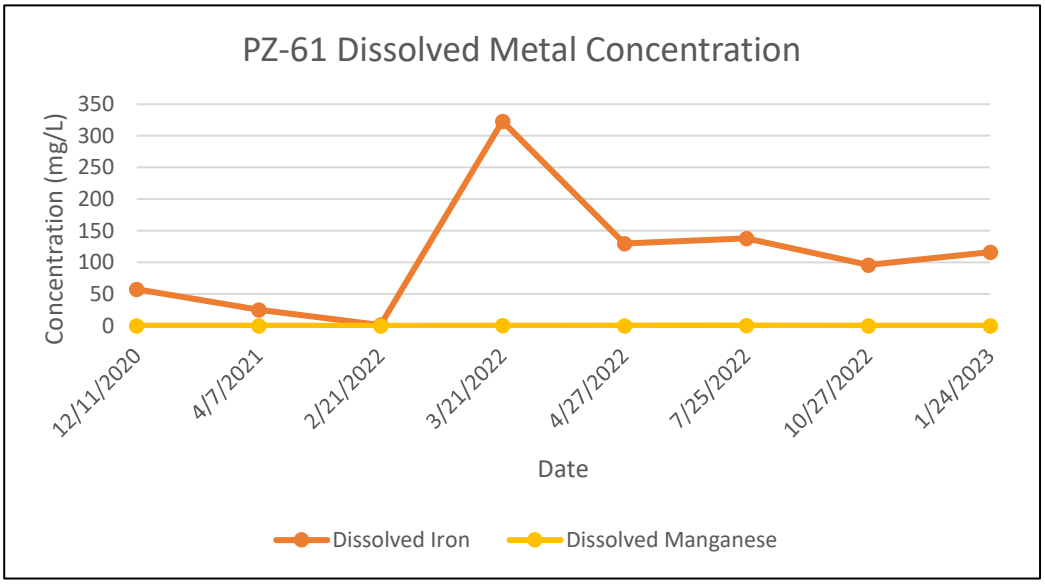

PZ-2114 Chloride and Sulfate Concentrations
Concentration (mg/L)
250
200
150
100
50
0
12/14/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/24/2022
1/25/2023
Date
Chloride
Sulfate

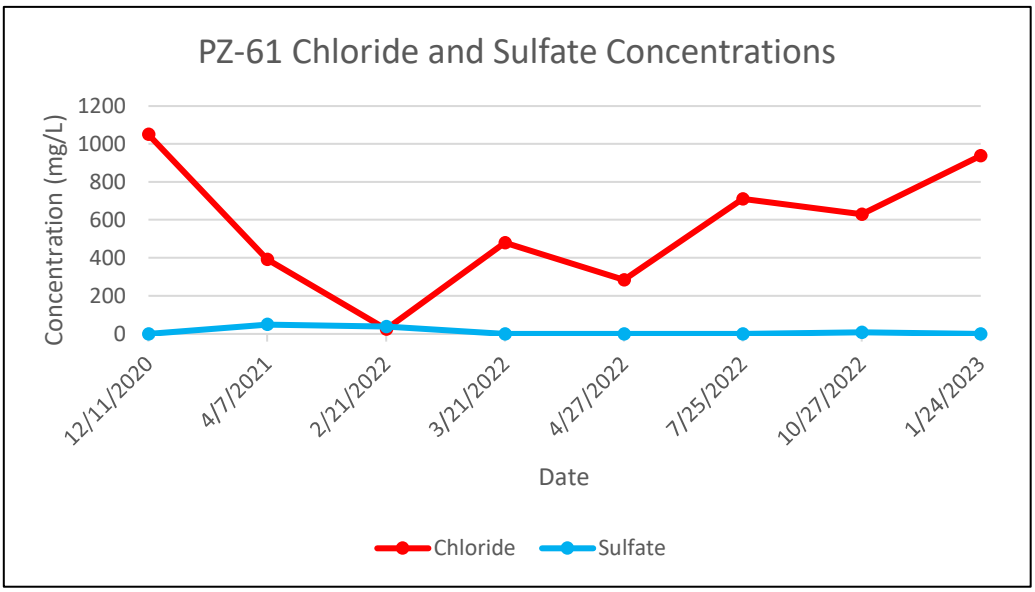

PZ-2114 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
70
60
50
40
30
20
10
0
12/14/2020
4/7/2021
2/21/2022
3/21/2022
4/26/2022
7/25/2022
10/24/2022
1/25/2023
Date
Ethane
Ethene
Methane

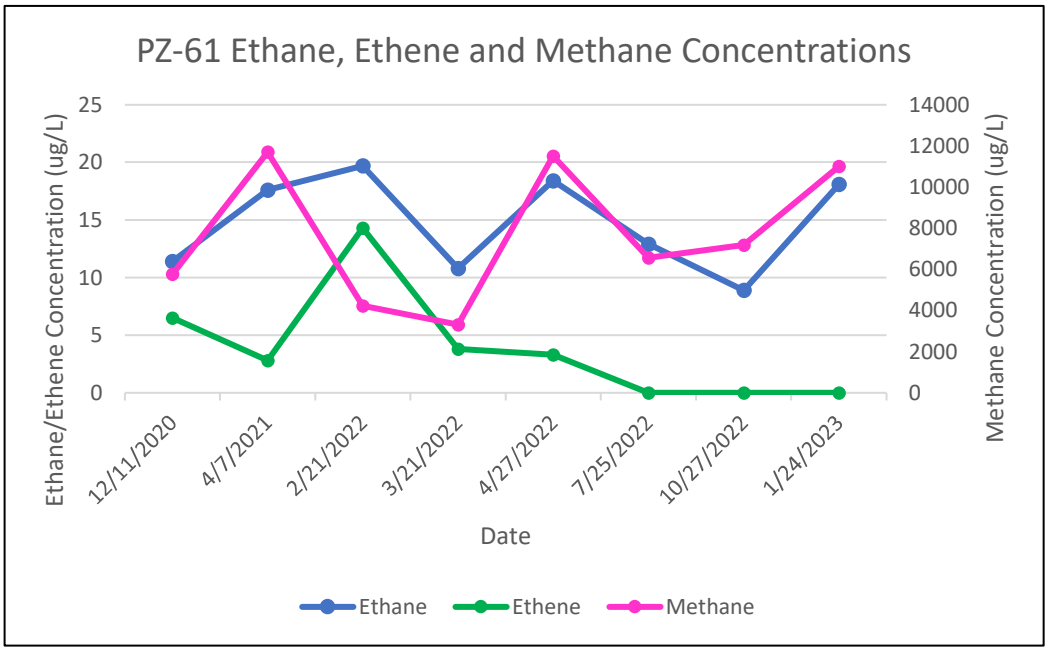

MW-61 Dissolved Metal Concentration
Concentration (mg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
12/11/2020
4/8/2021
2/23/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese


MW-61 Chloride and Sulfate Concentrations
Concentration (mg/L)
450
400
350
300
250
200
150
100
50
0
12/11/2020
4/8/2021
2/23/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

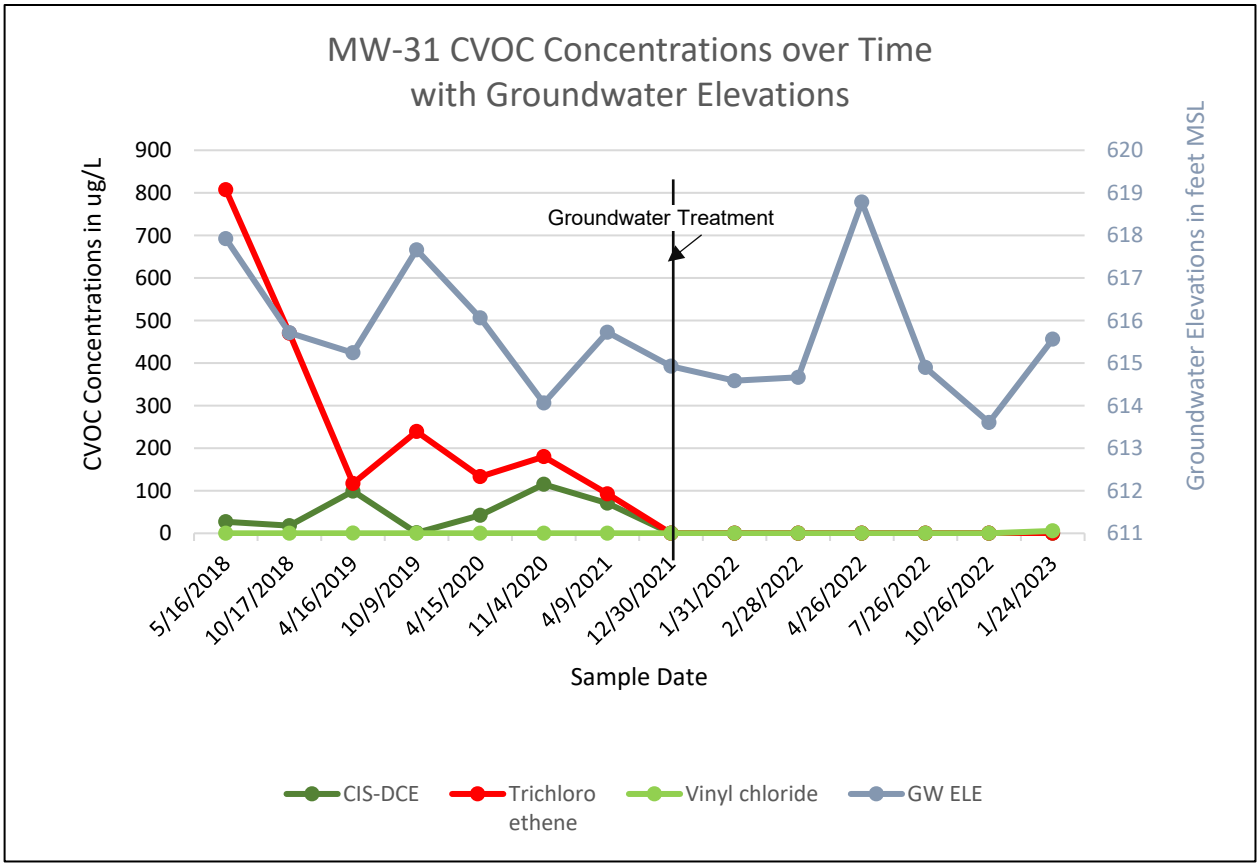

MW-61 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
12/11/2020
4/8/2021
2/23/2022
3/22/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

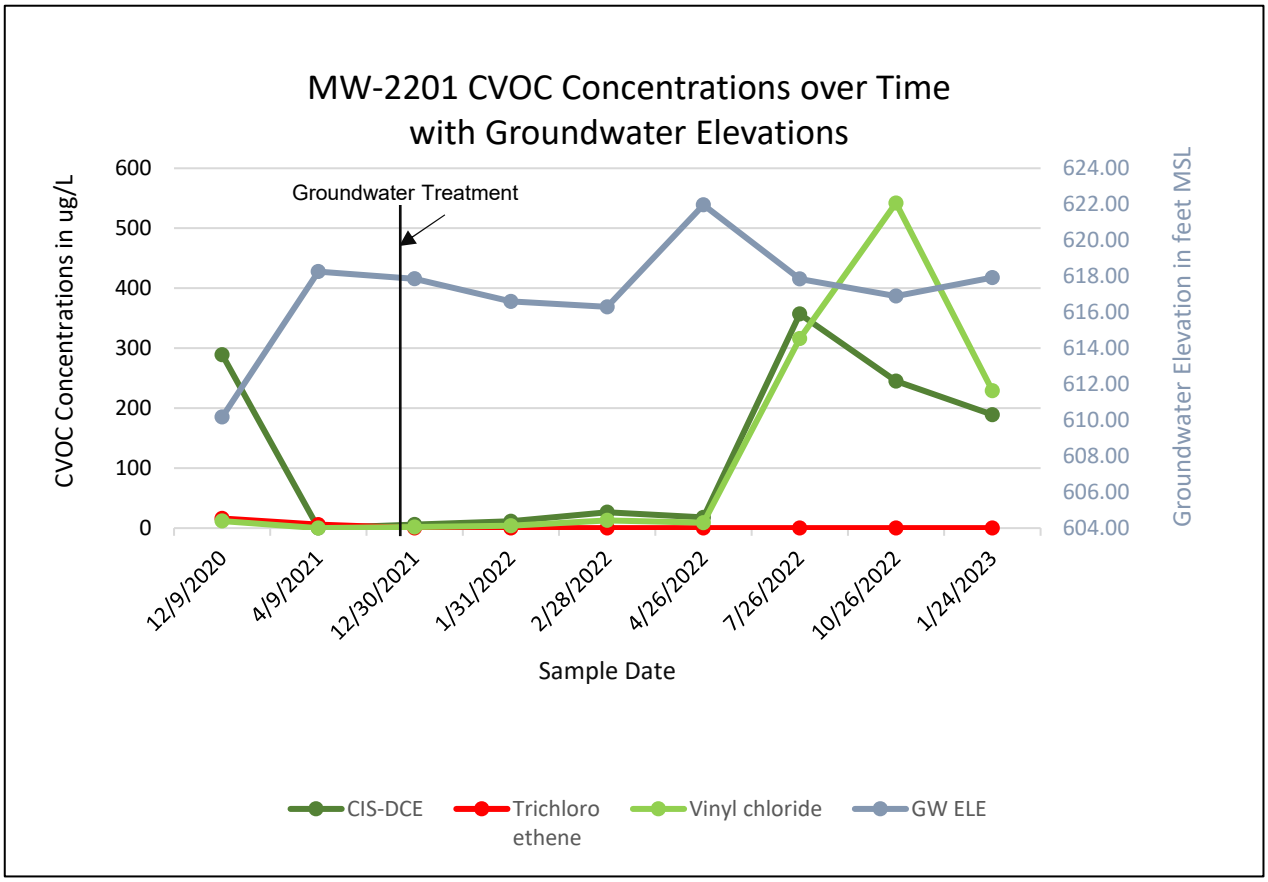

PZ-61 Dissolved Metal Concentration
Concentration (mg/L)
350
300
250
200
150
100
50
0
12/11/2020
4/7/2021
2/21/2022
3/21/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese

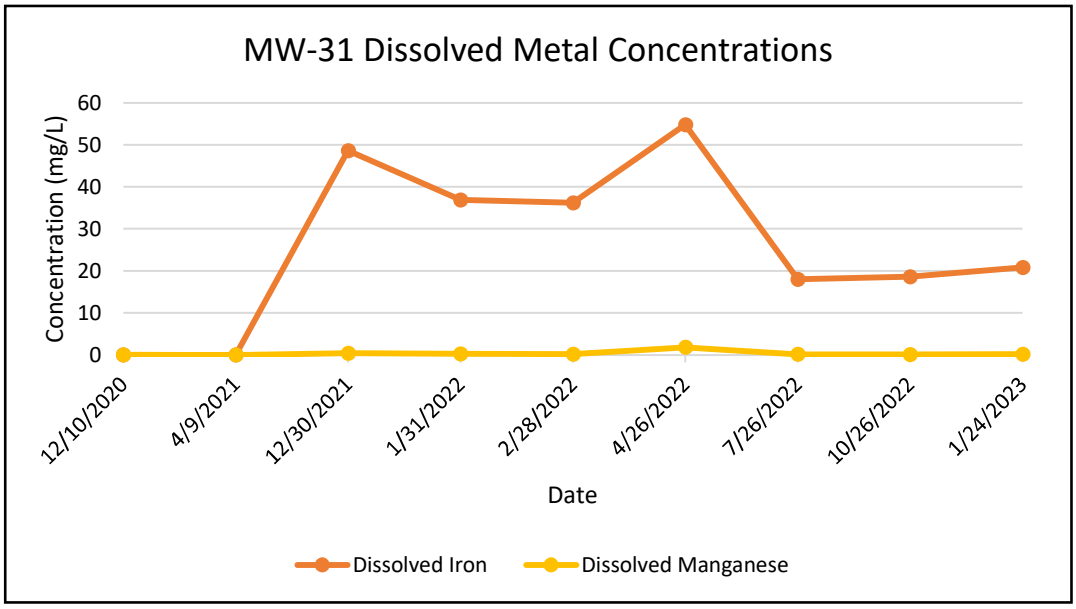

PZ-61 Chloride and Sulfate Concentrations
Concentration (mg/L)
1200
1000
800
600
400
200
0
12/11/2020
4/7/2021
2/21/2022
3/21/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
Date
Chloride
Sulfate

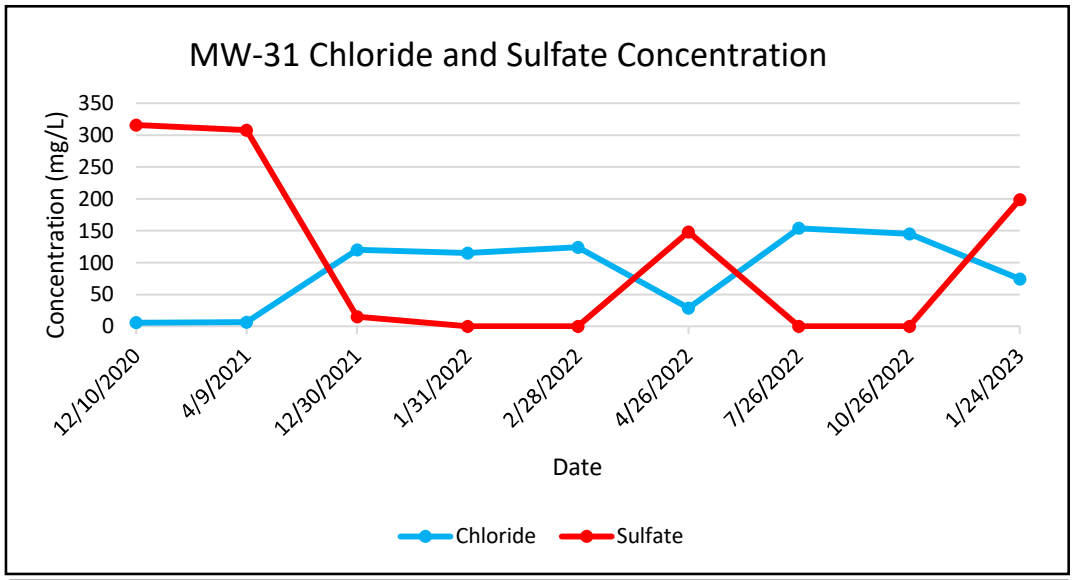

PZ-61 Ethane, Ethene and Methane Concentrations
Ethane/Ethene Concentration (ug/L)
25
20
15
10
5
0
Methane Concentration (ug/L)
14000
12000
10000
8000
6000
4000
2000
0
12/11/2020
4/7/2021
2/21/2022
3/21/2022
4/27/2022
7/25/2022
10/27/2022
1/24/2023
Date
Ethane
Ethene
Methane

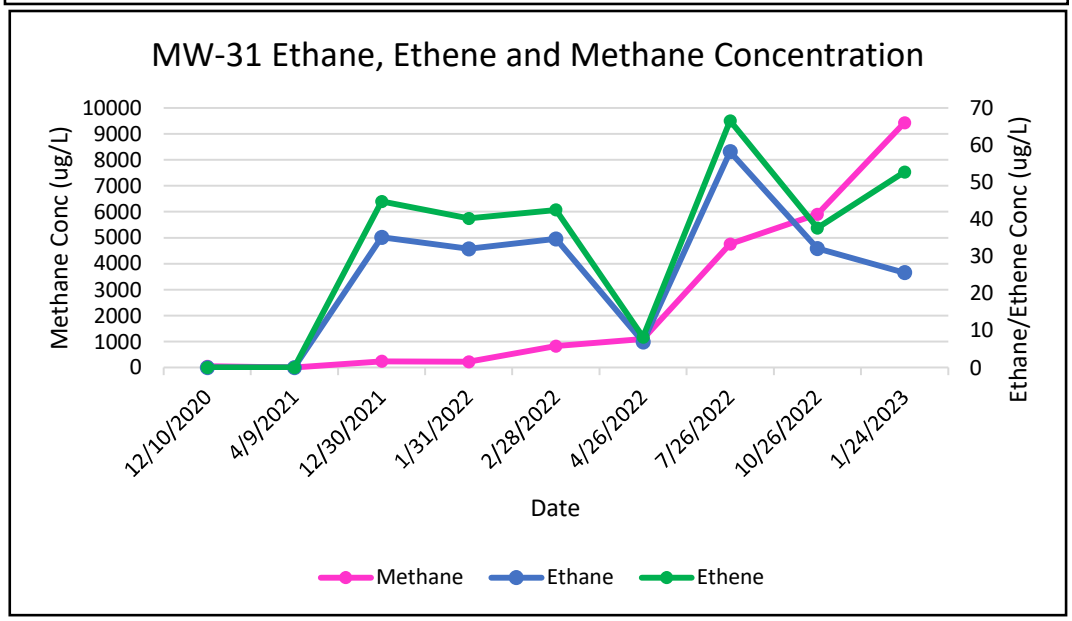
Appendix C Remediation Area 2 Concentration Graphs

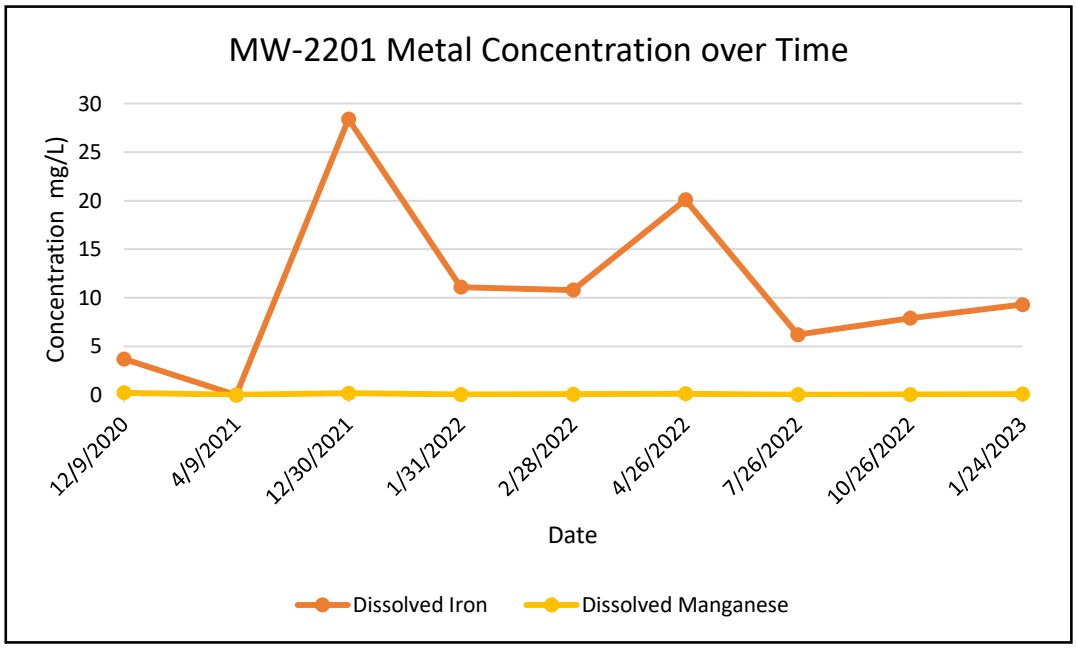

MW-31 CVOC Concentrations over Time
with Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in feet MSL
Groundwater Treatment
900
800
700
600
500
400
300
200
100
0
620
619
618
617
616
615
614
613
612
611
5/16/2018
10/17/2018
4/16/2019
10/9/2019
4/15/2020
11/4/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Sample Date
CIS-DCE
Trichloro ethene
Vinyl chloride
GW ELE

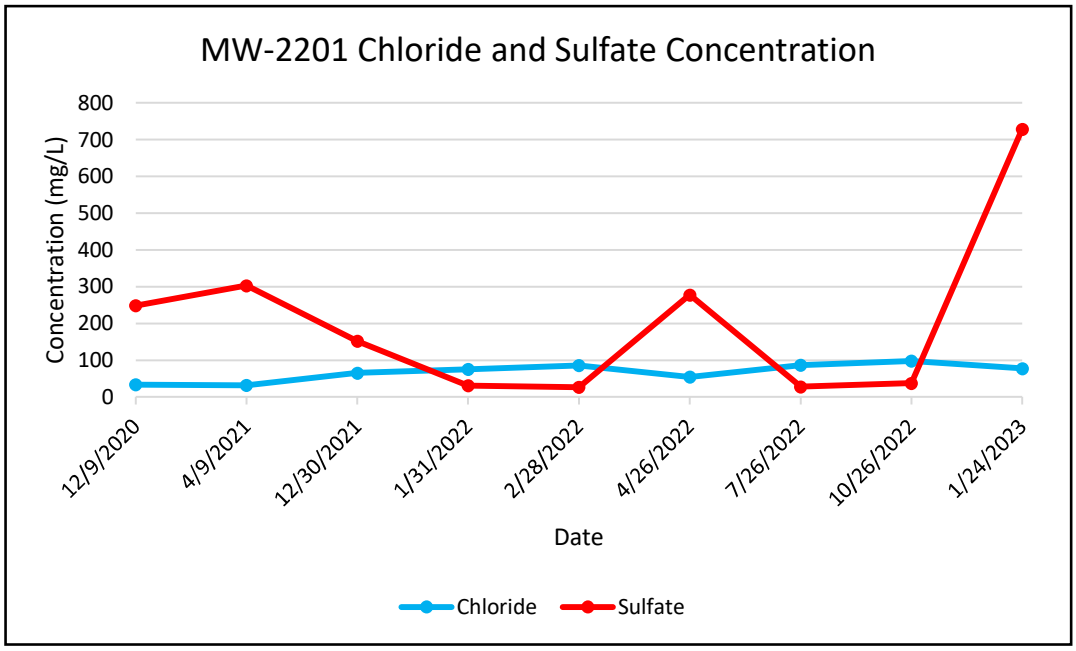

MW-2201 CVOC Concentrations over Time
with Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevation in feet MSL
Groundwater Treatment
600
500
400
300
200
100
0
624.00
622.00
620.00
618.00
616.00
614.00
612.00
610.00
608.00
606.00
604.00
12/9/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Sample Date
CIS-DCE
Trichloro ethene
Vinyl chloride
GW ELE

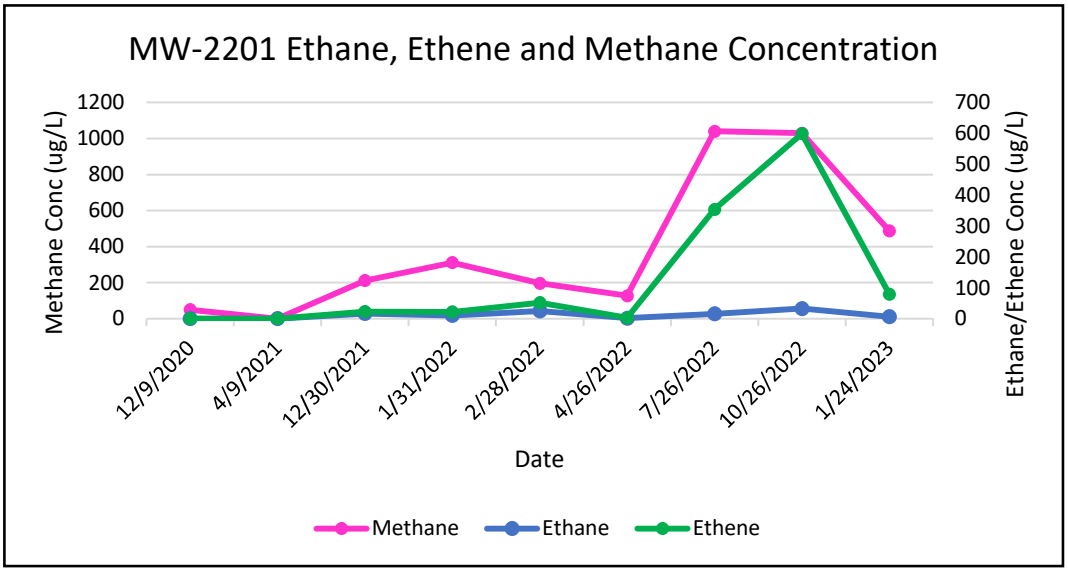

MW-31 Dissolved Metal Concentrations
Concentration (mg/L)
60
50
40
30
20
10
0
12/10/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese


MW-31 Chloride and Sulfate Concentration
Concentration (mg/L)
350
300
250
200
150
100
50
0
12/10/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Date
Chloride
Sulfate

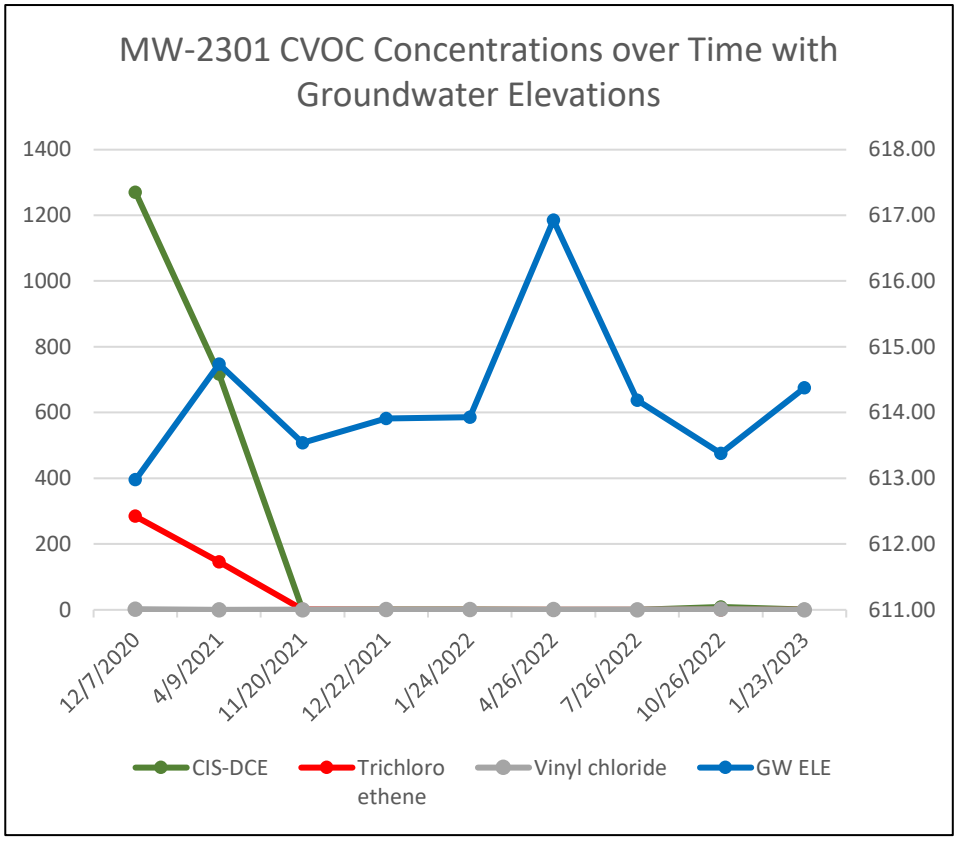

MW-31 Ethane, Ethene and Methane Concentration
Methane Conc (ug/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Ethane/Ethene Conc (ug/L)
70
60
50
40
30
20
10
0
12/10/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Date
Methane
Ethane
Ethene

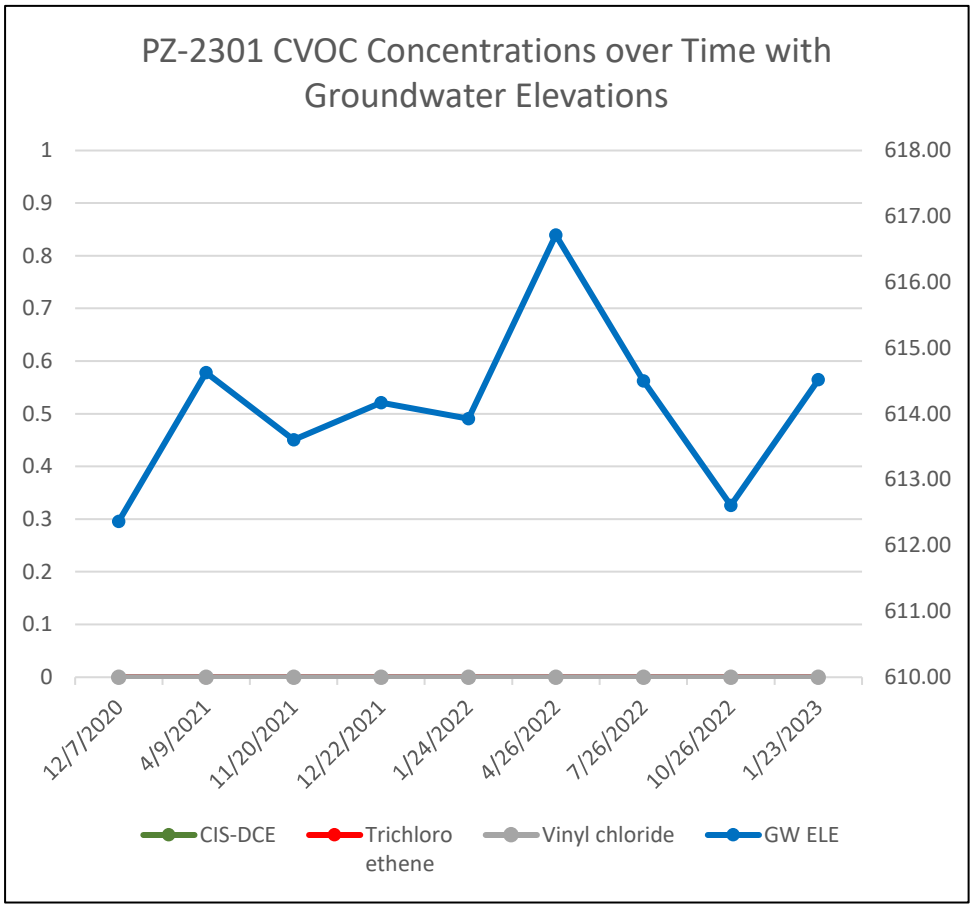

MW-2201 Metal Concentration over Time
Concentration mg/L)
30
25
20
15
10
5
0
12/9/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese

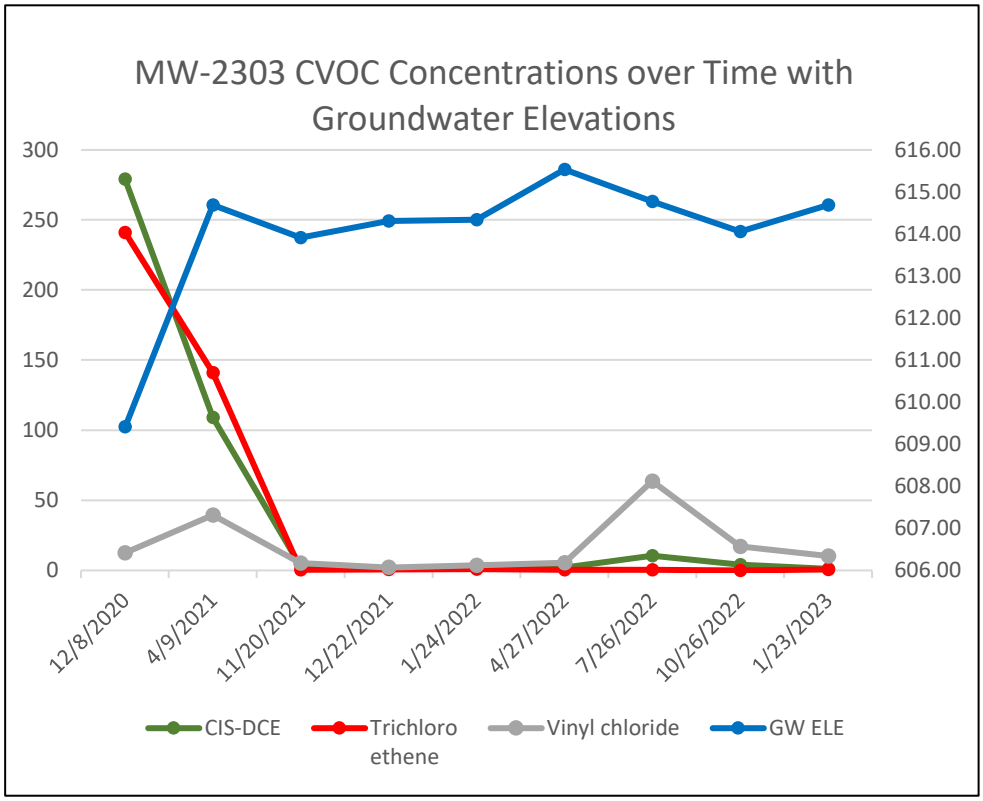

MW-2201 Chloride and Sulfate Concentration
Concentration (mg/L)
800
700
600
500
400
300
200
100
0
12/9/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Date
Chloride
Sulfate

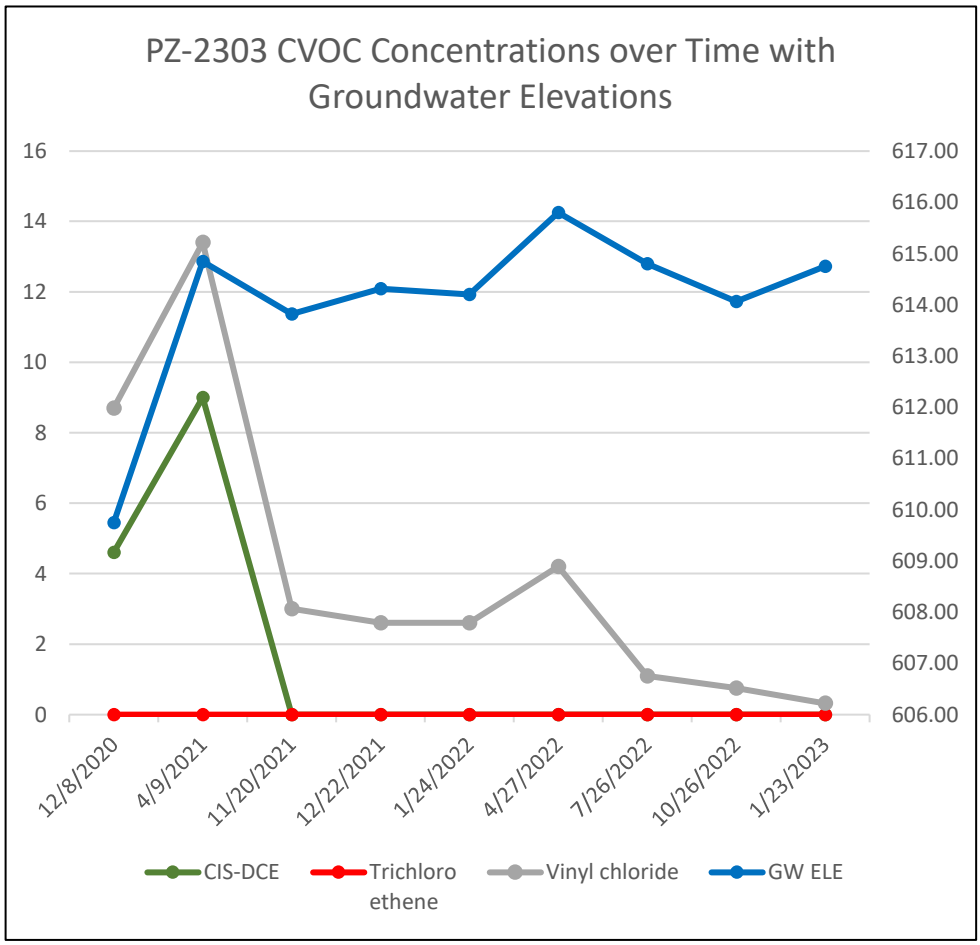

MW-2201 Ethane, Ethene and Methane Concentration
Methane Conc (ug/L)
1200
1000
800
600
400
200
0
Ethane/Ethene Conc (ug/L)
700
600
500
400
300
200
100
0
12/9/2020
4/9/2021
12/30/2021
1/31/2022
2/28/2022
4/26/2022
7/26/2022
10/26/2022
1/24/2023
Date
Methane
Ethane
Ethene

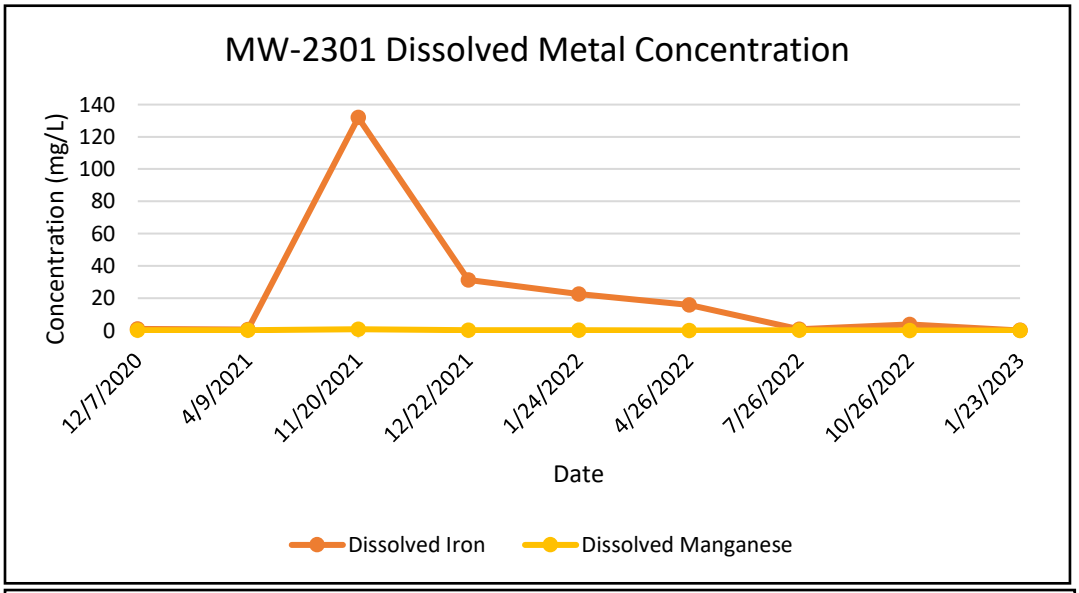
Appendix D Remediation Area 3 Concentration Graphs

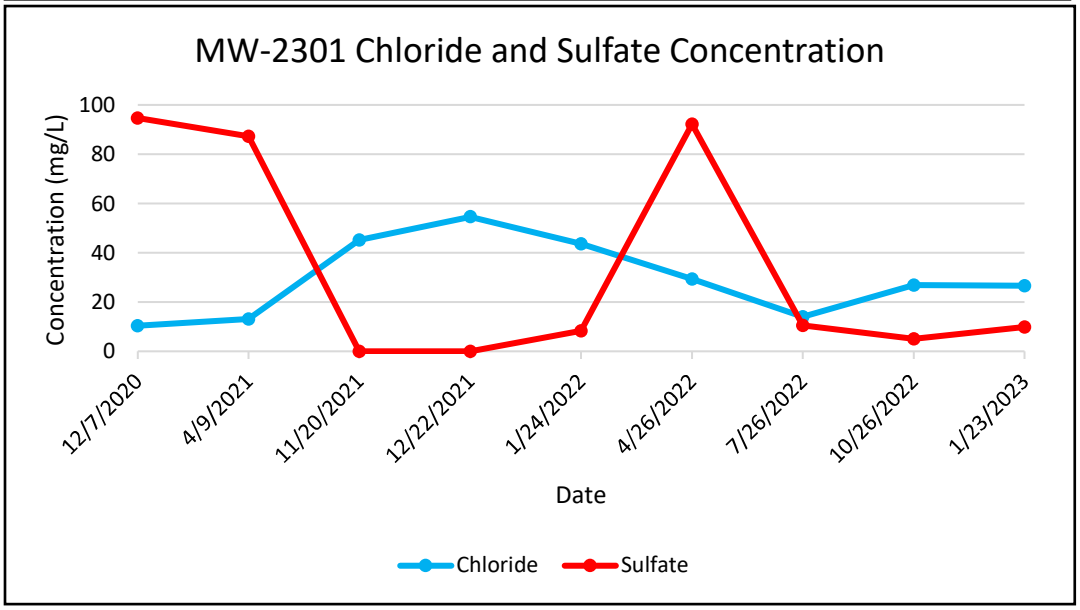

MW-2301 CVOC Concentrations over Time with Groundwater Elevations
1400
1200
1000
800
600
400
200
0
618.00
617.00
616.00
615.00
614.00
613.00
612.00
611.00
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
CIS-DCE
Trichloro ethene
Vinyl chloride
GW ELE

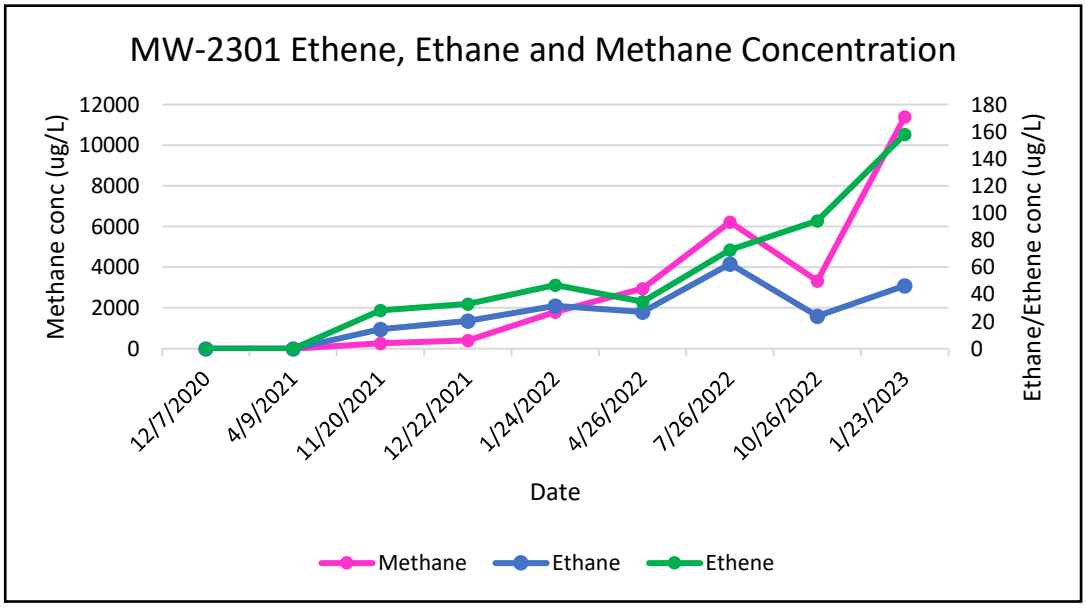

PZ-2301 CVOC Concentrations over Time with Groundwater Elevations
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
618.00
617.00
616.00
615.00
614.00
613.00
612.00
611.00
610.00
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
CIS-DCE
Trichloro ethene
Vinyl chloride
GW ELE

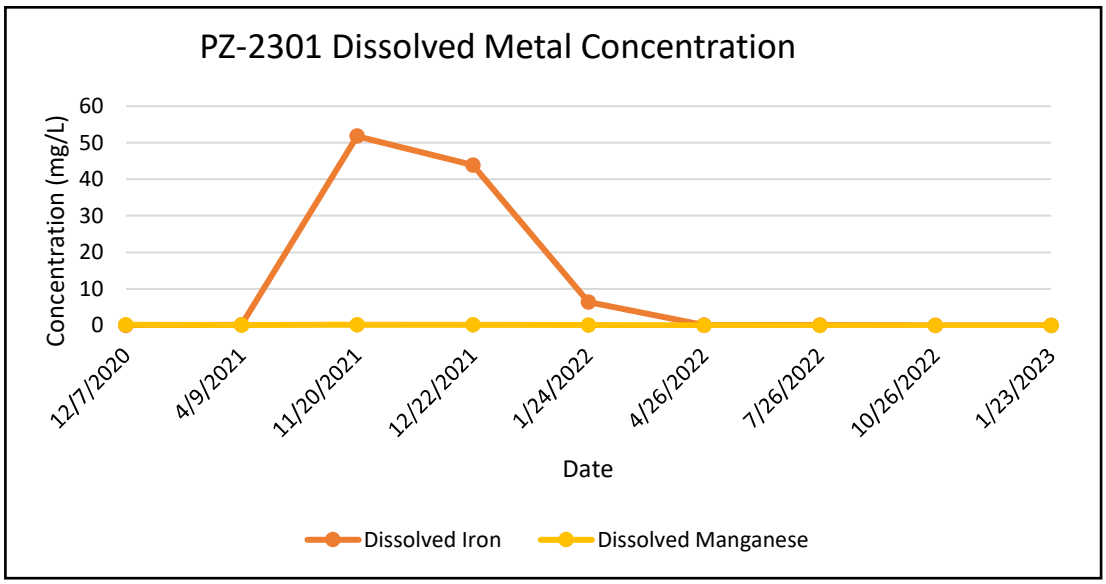

MW-2303 CVOC Concentrations over Time with Groundwater Elevations
300
250
200
150
100
50
0
616.00
615.00
614.00
613.00
612.00
611.00
610.00
609.00
608.00
607.00
606.00
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
CIS-DCE
Trichloro ethene
Vinyl chloride
GW ELE

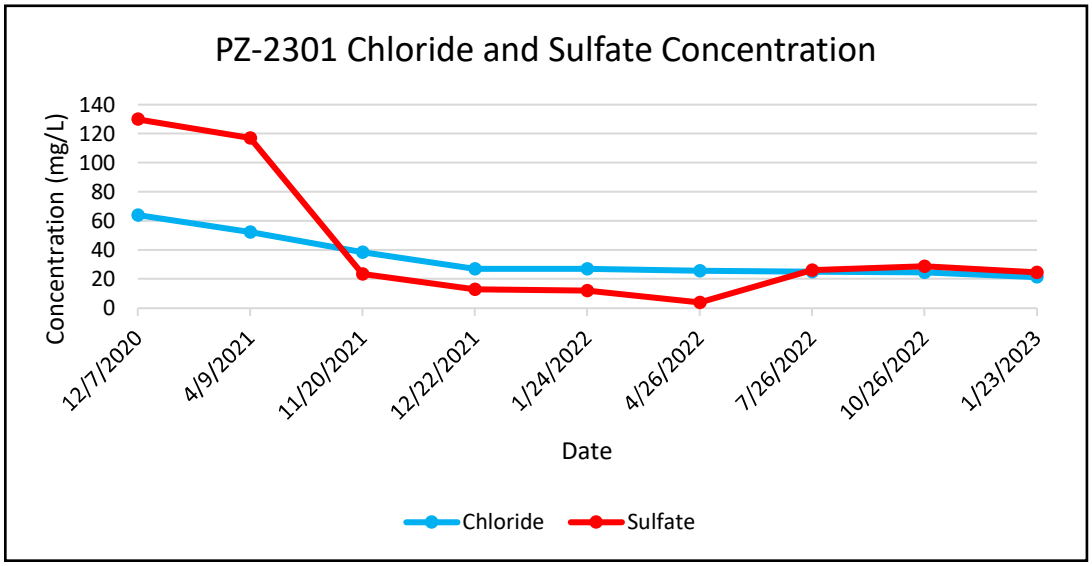

PZ-2303 CVOC Concentrations over Time with Groundwater Elevations
16
14
12
10
8
6
4
2
0
617.00
616.00
615.00
614.00
613.00
612.00
611.00
610.00
609.00
608.00
607.00
606.00
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
CIS-DCE
Trichloro ethene
Vinyl chloride
GW ELE

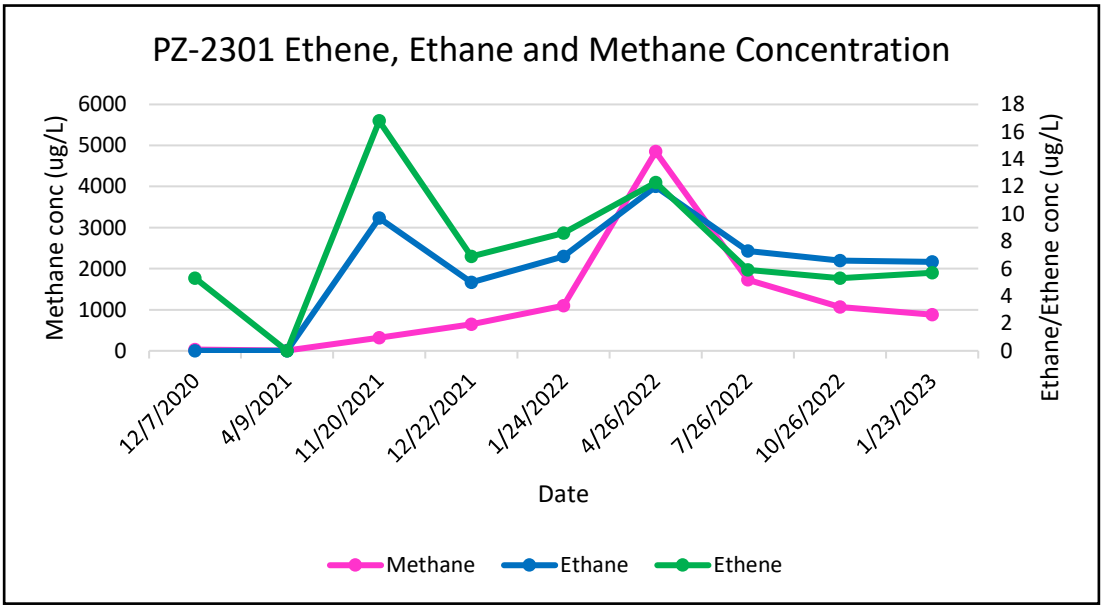

MW-2301 Dissolved Metal Concentration
Concentration (mg/L)
140
120
100
80
60
40
20
0
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
Date
Dissolved Iron
Dissolved Manganese

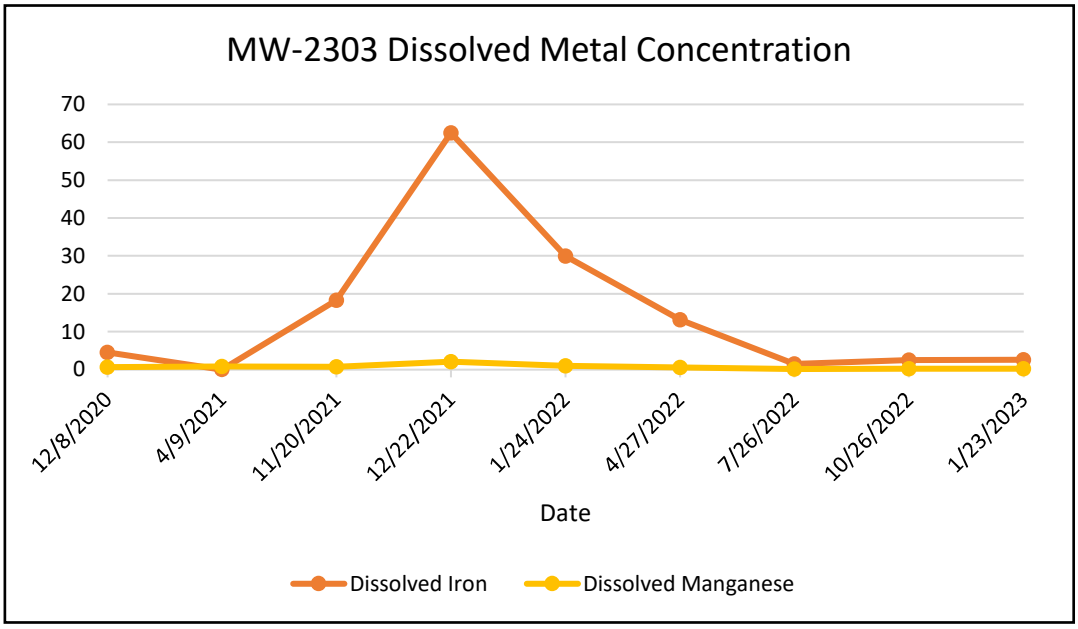

MW-2301 Chloride and Sulfate Concentration
Concentration (mg/L)
100
80
60
40
20
0
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
Date
Chloride
Sulfate

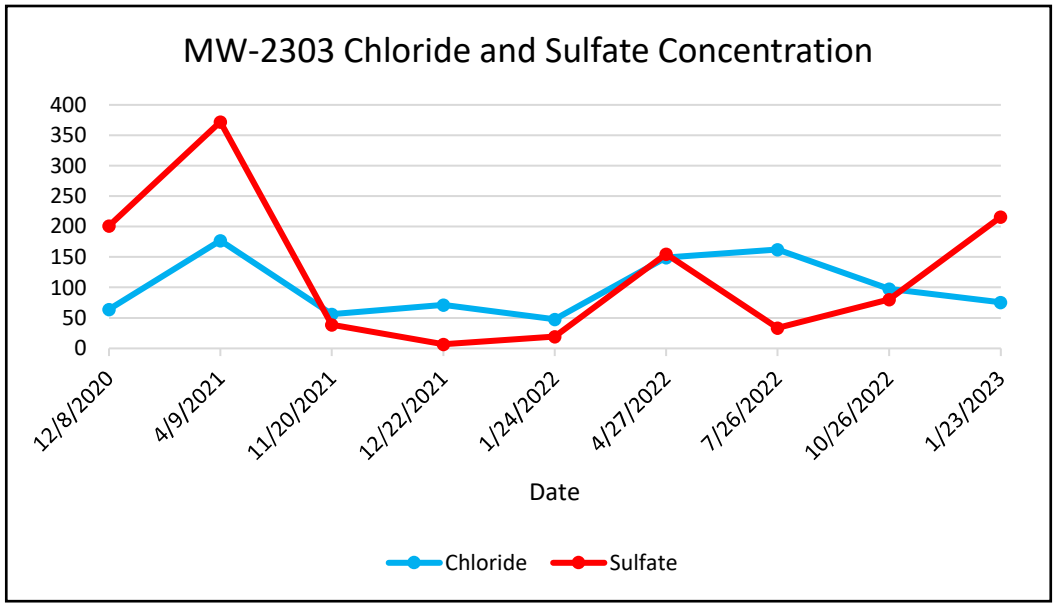

MW-2301 Ethene, Ethane and Methane Concentration
Methane conc (ug/L)
12000
10000
8000
6000
4000
2000
0
Ethane/Ethene conc (ug/L)
180
160
140
120
100
80
60
40
20
0
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
Date
Methane
Ethane
Ethene

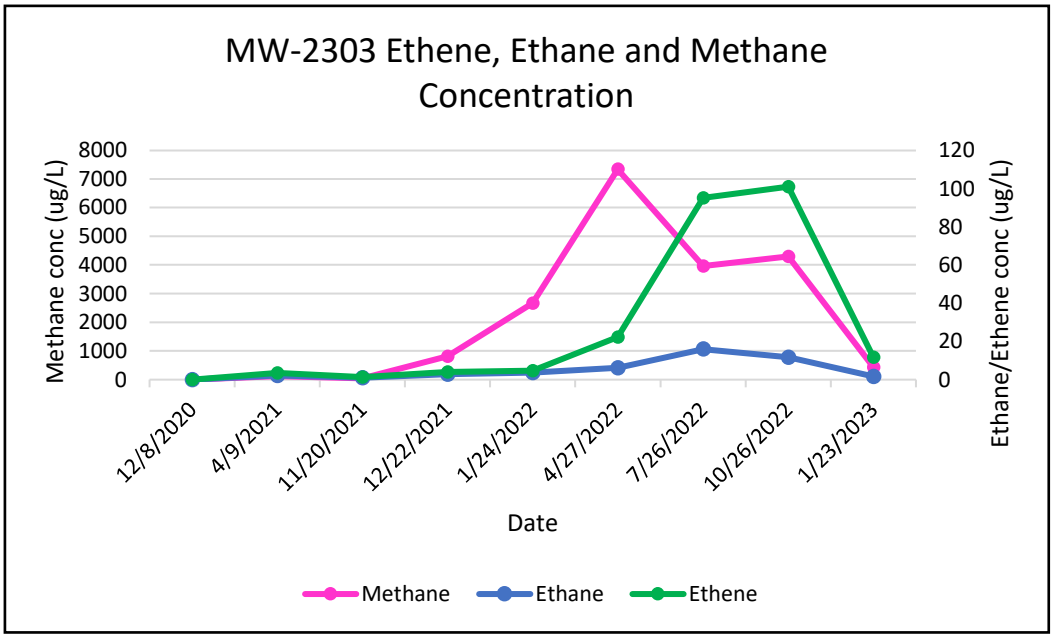

PZ-2301 Dissolved Metal Concentration
Concentration (mg/L)
60
50
40
30
20
10
0
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
Date
Dissolved Iron
Dissolved Manganese

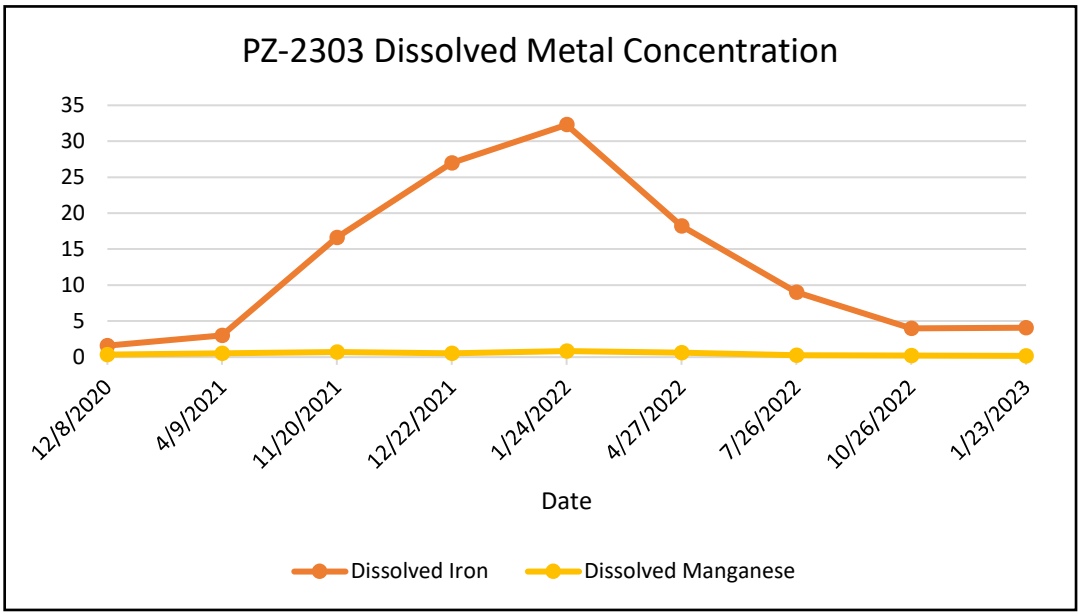

PZ-2301 Chloride and Sulfate Concentration
Concentration (mg/L)
140
120
100
80
60
40
20
0
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
Date
Chloride
Sulfate

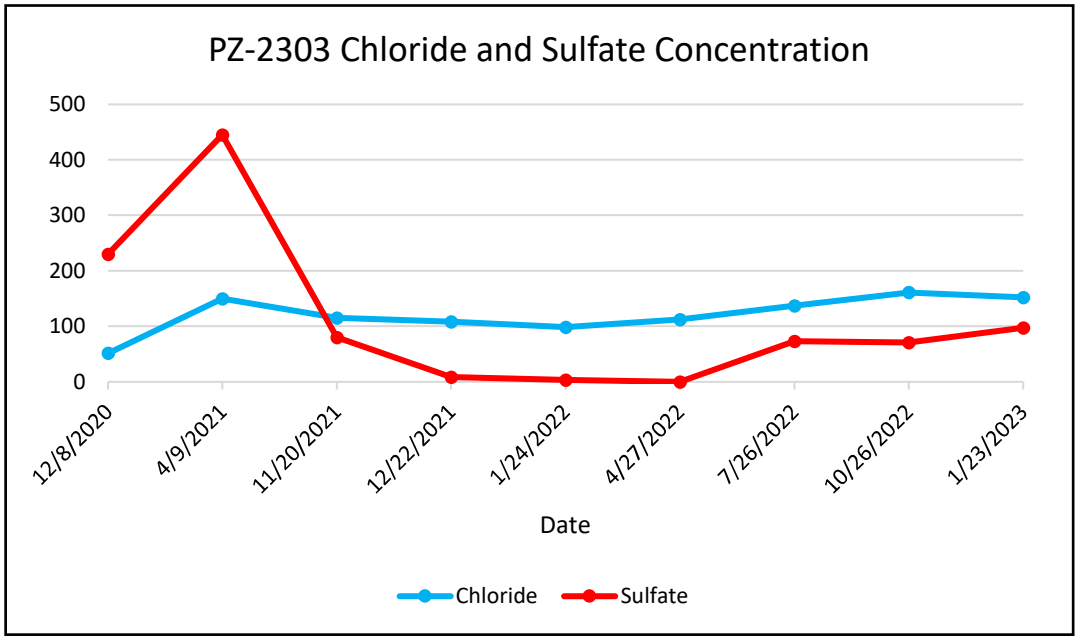

PZ-2301 Ethene, Ethane and Methane Concentration
Methane conc (ug/L)
6000
5000
4000
3000
2000
1000
0
Ethane/Ethene conc (ug/L)
18
16
14
12
10
8
6
4
2
0
12/7/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/26/2022
7/26/2022
10/26/2022
1/23/2023
Date
Methane
Ethane
Ethene

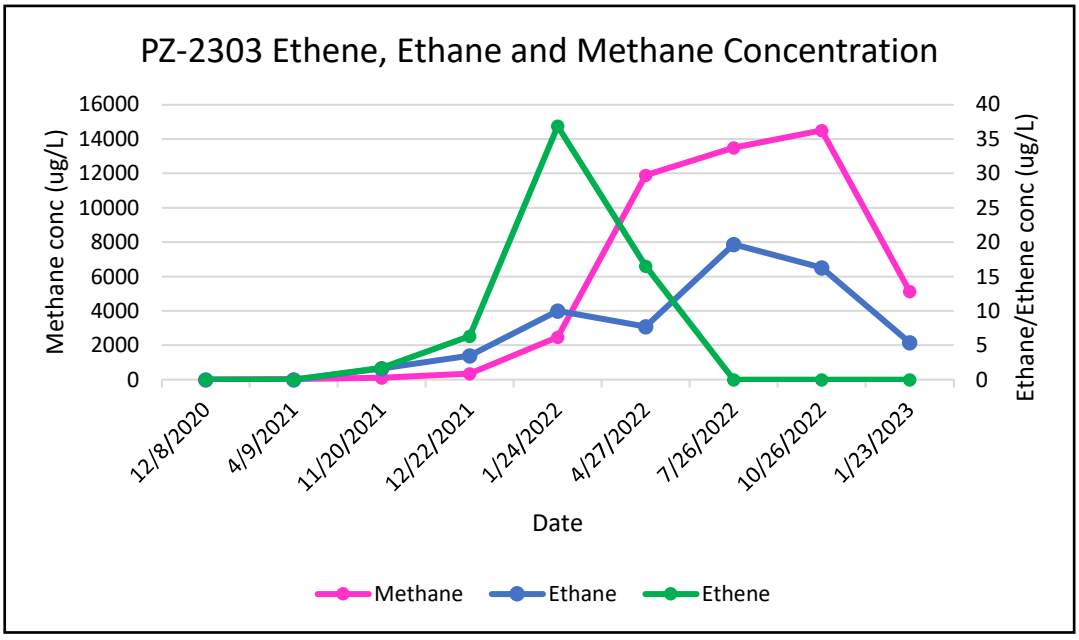

MW-2303 Dissolved Metal Concentration
70
60
50
40
30
20
10
0
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
Date
Dissolved Iron
Dissolved Manganese


MW-2303 Chloride and Sulfate Concentration
400
350
300
250
200
150
100
50
0
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
Date
Chloride
Sulfate

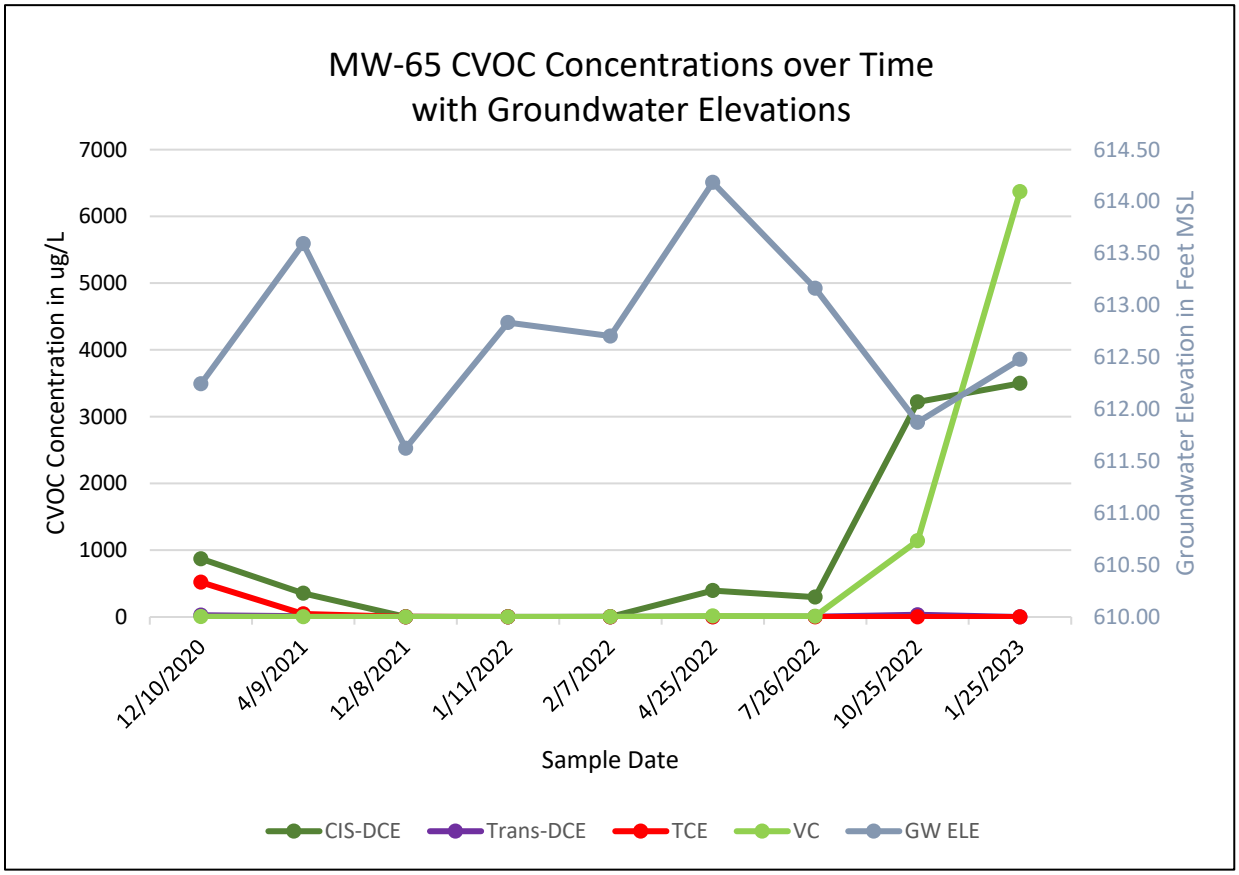

MW-2303 Ethene, Ethane and Methane Concentration
Methane conc (ug/L)
8000
7000
6000
5000
4000
3000
2000
1000
0
Ethane/Ethene conc (ug/L)
120
100
80
60
40
20
0
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
Date
Methane
Ethane
Ethene

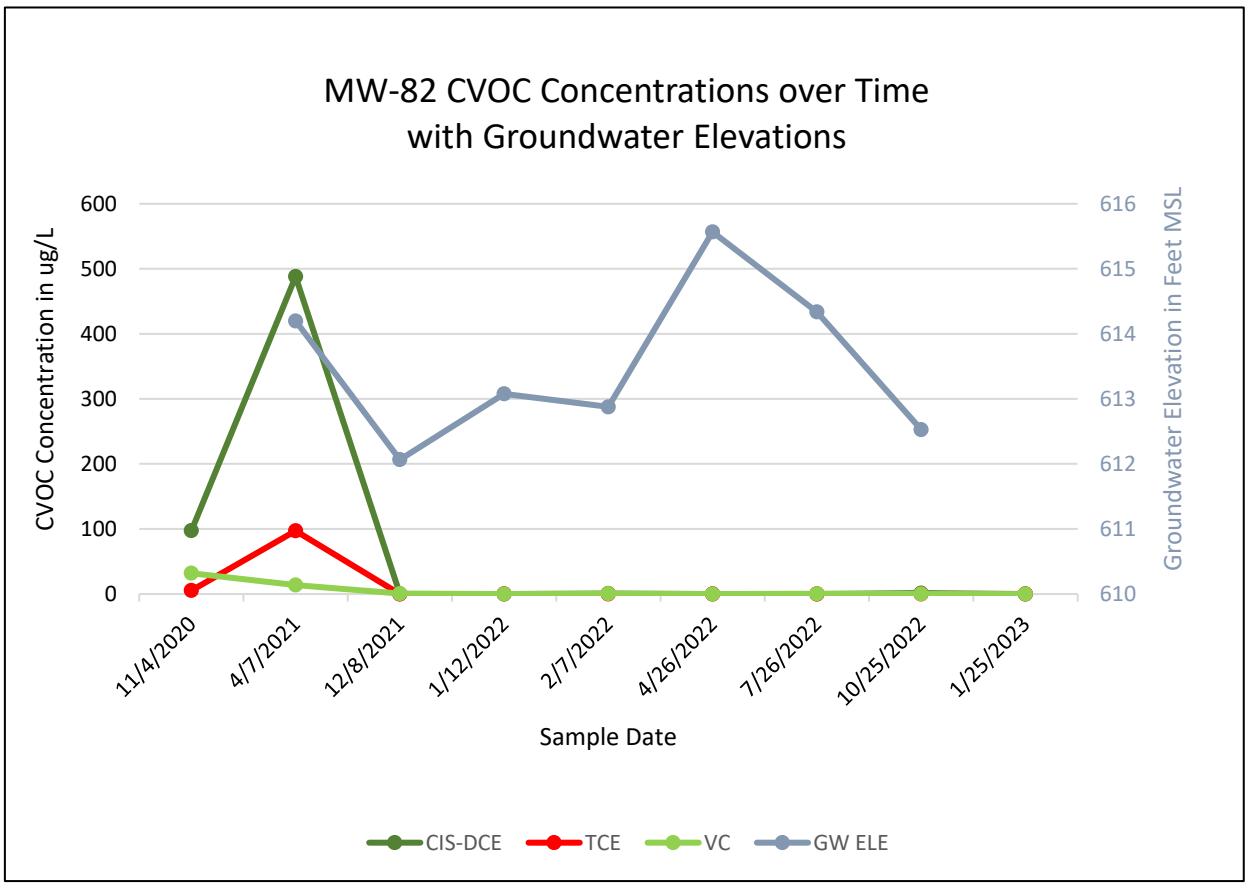

PZ-2303 Dissolved Metal Concentration
35
30
25
20
15
10
5
0
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
Date
Dissolved Iron
Dissolved Manganese

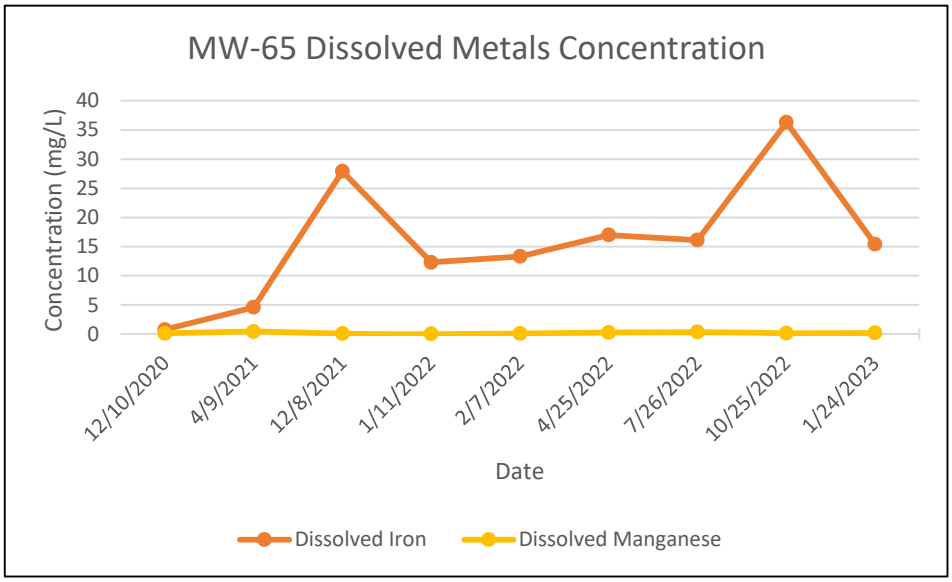

PZ-2303 Chloride and Sulfate Concentration
500
400
300
200
100
0
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
Date
Chloride
Sulfate

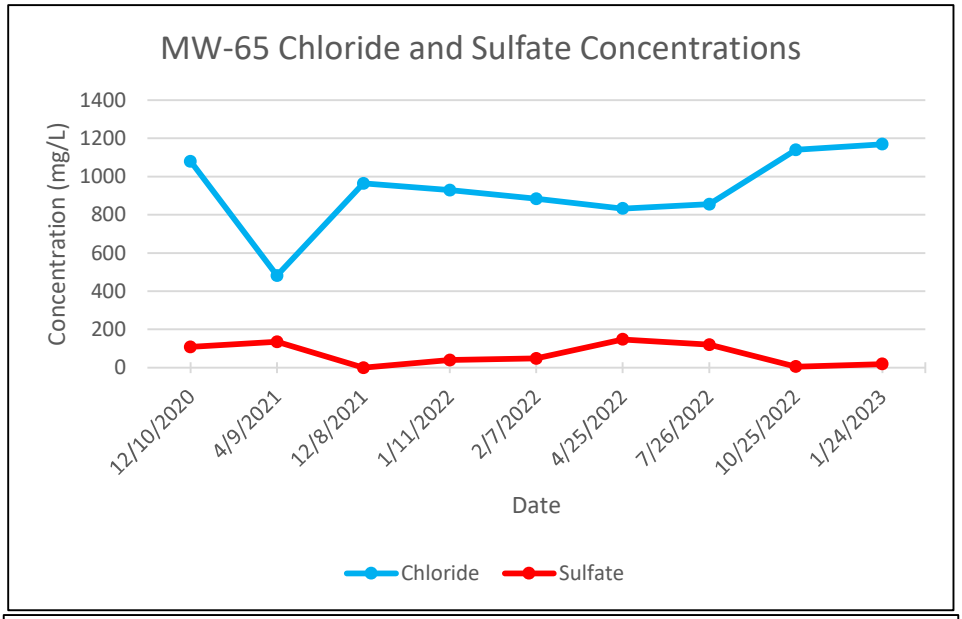

PZ-2303 Ethene, Ethane and Methane Concentration
Methane conc (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
Ethane/Ethene conc (ug/L)
40
35
30
25
20
15
10
5
0
12/8/2020
4/9/2021
11/20/2021
12/22/2021
1/24/2022
4/27/2022
7/26/2022
10/26/2022
1/23/2023
Date
Methane
Ethane
Ethene

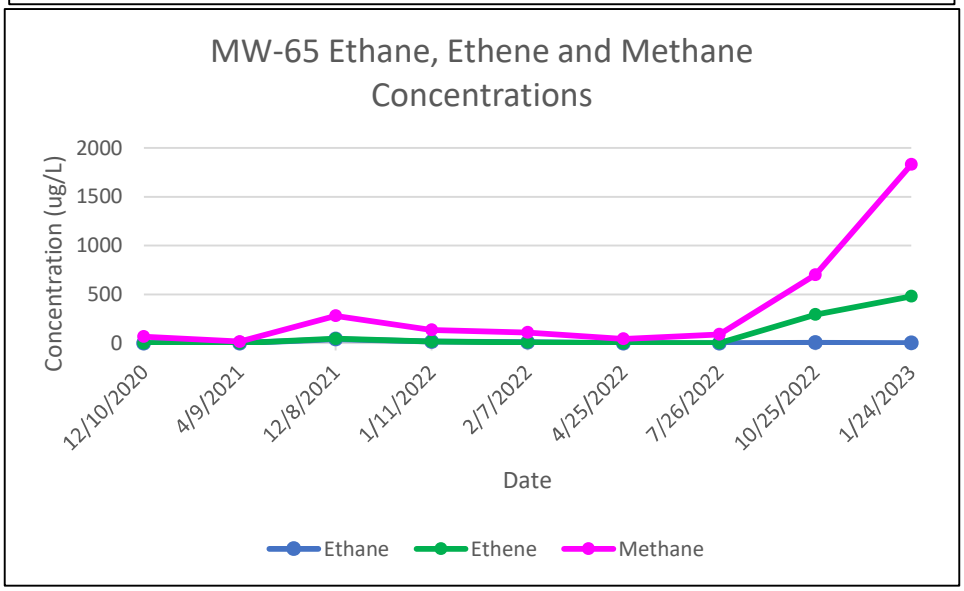
Appendix E Remediation Area 4 Concentration Graphs

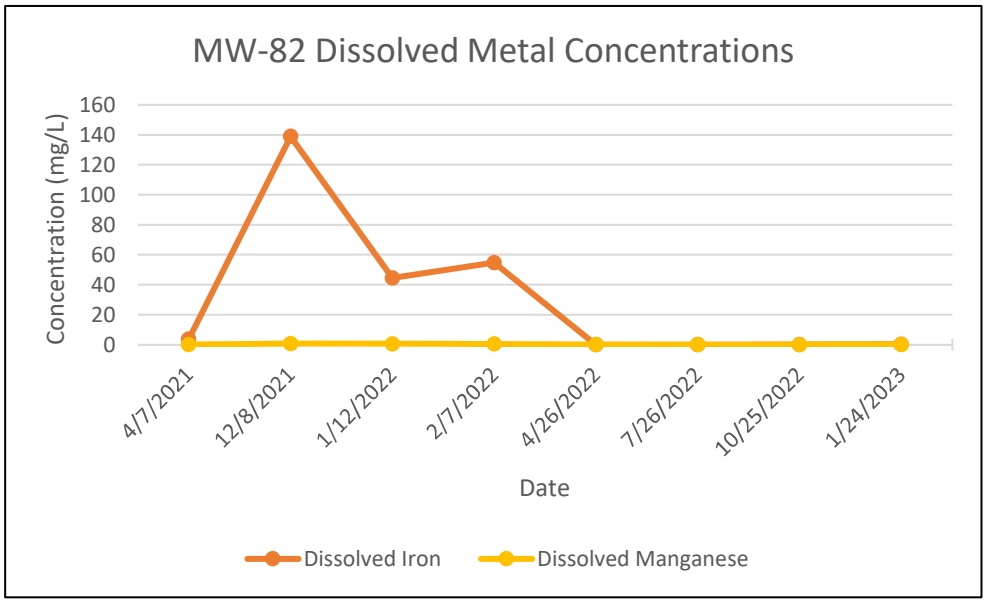

MW-65 CVOC Concentrations over Time
with Groundwater Elevations
CVOC Concentration in ug/L
7000
6000
5000
4000
3000
2000
1000
0
614.50
614.00
613.50
613.00
612.50
612.00
611.50
611.00
610.50
610.00
Groundwater Elevation in Feet MSL
12/10/2020
4/9/2021
12/8/2021
1/11/2022
2/7/2022
4/25/2022
7/26/2022
10/25/2022
1/25/2023
Sample Date
CIS-DCE
Trans-DCE
TCE
VC
GW ELE

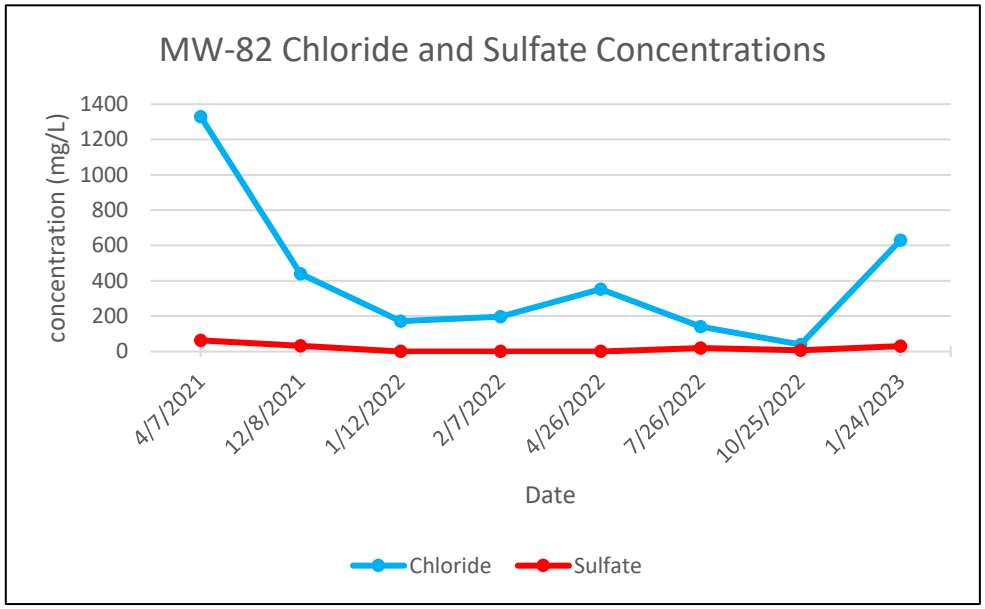

MW-82 CVOC Concentrations over Time
with Groundwater Elevations
CVOC Concentration in ug/L
600
500
400
300
200
100
0
616
615
614
613
612
611
610
Groundwater Elevation in Feet MSL
11/4/2020
4/7/2021
12/8/2021
1/12/2022
2/7/2022
4/26/2022
7/26/2022
10/25/2022
1/25/2023
Sample Date
CIS-DCE
TCE
VC
GW ELE

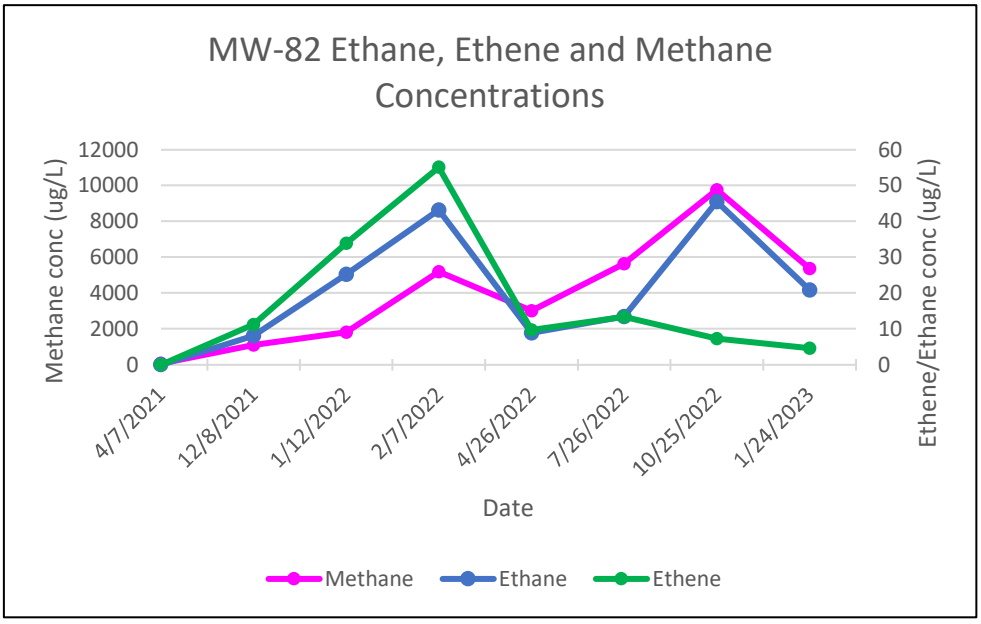

MW-65 Dissolved Metals Concentration
Concentration (mg/L)
40
35
30
25
20
15
10
5
0
12/10/2020
4/9/2021
12/8/2021
1/11/2022
2/7/2022
4/25/2022
7/26/2022
10/25/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese


MW-65 Chloride and Sulfate Concentrations
Concentration (mg/L)
1400
1200
1000
800
600
400
200
0
12/10/2020
4/9/2021
12/8/2021
1/11/2022
2/7/2022
4/25/2022
7/26/2022
10/25/2022
1/24/2023
Date
Chloride
Sulfate


MW-65 Ethane, Ethene and Methane Concentrations
Concentration (ug/L)
2000
1500
1000
500
0
12/10/2020
4/9/2021
12/8/2021
1/11/2022
2/7/2022
4/25/2022
7/26/2022
10/25/2022
1/24/2023
Date
Ethane
Ethene
Methane


MW-82 Dissolved Metal Concentrations
Concentration (mg/L)
160
140
120
100
80
60
40
20
0
4/7/2021
12/8/2021
1/12/2022
2/7/2022
4/26/2022
7/26/2022
10/25/2022
1/24/2023
Date
Dissolved Iron
Dissolved Manganese


MW-82 Chloride and Sulfate Concentrations
concentration (mg/L)
1400
1200
1000
800
600
400
200
0
4/7/2021
12/8/2021
1/12/2022
2/7/2022
4/26/2022
7/26/2022
10/25/2022
1/24/2023
Date
Chloride
Sulfate


MW-82 Ethane, Ethene and Methane Concentrations
Methane conc (ug/L)
12000
10000
8000
6000
4000
2000
0
Ethene/Ethane conc (ug/L)
60
50
40
30
20
10
0
4/7/2021
12/8/2021
1/12/2022
2/7/2022
4/26/2022
7/26/2022
10/25/2022
1/24/2023
Date
Methane
Ethane
Ethene

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