AECOM

Annual Groundwater Monitoring Report - Former Kenosha Engine Plant

5555 30th Avenue, Kenosha, Wisconsin
Includes January 2024 Groundwater Results

City of Kenosha

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Quality information

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In conformance with NR 712.09 submittal certification requirements:

"I, Kristine M. Casper, P.G., 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, Units, and Definitions

AECOM	AECOM Technical Services, Inc.
cis-DCE	cis1,2-dichloroethene
CVOCs	chlorinated volatile organic compounds
ERD	enhanced reductive dechlorination
ES	NR 140 Enforcement Standard
ESA	Environmental Site Assessment
GW	groundwater
ISCR	in-situ chemical reduction
KEP	Kenosha Engine Plant
mL/min	milliliters per minute
PAL	NR 140 Preventive Action Limit
perimeter well	monitoring wells and piezometers located at or near the property boundary – see Appendix A
RDR	Remedial Design Report (Groundwater)
Regenesis	Regenesis Bioremediation Products, Inc.
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 2024 groundwater sample analysis and discuss the results after the second year of groundwater monitoring.

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. The groundwater recovery systems are currently not operating during the time in-situ remediation is being conducted.

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 of Kenosha 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 [WAC] 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 2023 were conducted the last weeks of, January 2023, April 2023, July 2023 and October 2023. This annual report includes the sample event conducted the last week of January 2024.

2. Groundwater Sampling Methods

Before sampling, depth-to-groundwater measurements were collected and used to calculate 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). Groundwater monitoring and perimeter wells sampled in 2023 are listed in Appendix A. The semi-annual sampling included 12 monitoring wells and two piezometers not included in the remediation monitoring. Three monitoring wells (MW-69R, MW-70R and MW-71R) and one piezometer (PZ-69R) which were considered perimeter wells and were located inside the fence, were abandoned as part of KEP redevelopment.

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 January 2024 quarterly sampling event after groundwater treatment are 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 24, 2024. These flow directions are consistent with the data provided in prior groundwater elevation measurement events. Contoured

groundwater elevations for January 2024, 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 are measured semi-annually in the perimeter monitoring wells, per the monitoring plan. Perimeter monitoring wells were sampled during the April and October sampling events. The results of the perimeter monitoring wells, as of the last sampling event, 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 2024 Results

The groundwater VOC analytical results were compared to the WAC ch. NR 140.10, Table 1, Public Heath Groundwater Quality Standards, enforcement standards (ES) and preventive action limit (PAL) in general conformance with WACode ch. NR140.03. The PAL is a concentration that is 10% (for carcinogenic, mutagenic, or teratogenic compounds) to 20% of the ES. Metals and other geochemical testing are 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 WAC ch. 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), 5B (Area 3), and 6B (Area 4). Perimeter monitoring well analytical results for all areas are included in Table 7. The laboratory analytical report is attached as Appendix B. The data were validated upon receipt. A copy of the data validation is included in Appendix B. Concentration trend graphs for the performance monitoring wells are included as Appendix C (Area 1), Appendix D (Area 2), Appendix E (Area 3), and Appendix F (Area 4).

3.1.1 Area 1

PAL exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

Benzene	MW-2101, MW-2107, MW-2111, PZ-2113
cis-1,2-Dichloroethene (cis-DCE)	MW-2105, MW-2109
TCE	MW-2105, PZ-2105, MW-2111, MW-2113
Dissolved Barium	PZ-2111, PZ-2113
Dissolved Lead	MW-2103
Iron (total and dissolved)	PZ-2107, MW-2110
Manganese (total and dissolved)	MW-2102, MW-2103 (and its duplicate), MW-2107, MW-2110, PZ-2110, MW-2113, PZ-2113
Chloride	MW-2103 (and its duplicate), PZ-2112, PZ-2114
Sulfate	MW-2107, PZ-2107, PZ-2114

ES exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

cis-DCE	PZ-2101, MW-2103 (and its duplicate), PZ-2103 (and its duplicate), PZ-2107, MW-2113

TCE	PZ-2101, MW-2103 (and its duplicate), PZ-2103 (and its duplicate)
Vinyl chloride	PZ-2101, MW-2103 (and its duplicate), MW-2104, MW-2105, MW-2106, PZ-2107, MW-2108, MW-2109, PZ-2109, MW-2110, MW-2112, MW-2113, PZ-2113, MW-2114
Dissolved Barium	PZ-2101
Iron (total and dissolved)	MW-2101, PZ-2101, MW-2102, MW-2103 (and its duplicate), PZ-2103 (and its duplicate), MW-2106, MW-2107, PZ-2107 (duplicate only), PZ-2110, MW-2111, PZ-2111, MW-2112, PZ-2112, MW-2113, PZ-2113, MW-2114
Manganese (total and dissolved)	PZ-2101, PZ-2103 (and its duplicate), MW-2106, MW-2111, PZ-2111, MW-2112, MW-2114
Chloride	PZ-2101, PZ-2103 (and its duplicate), PZ-2107, PZ-2110, PZ-2113
Sulfate	MW-2102, MW-2103 (and its duplicate), PZ-2103 (and its duplicate), MW-2106, MW-2110, PZ-2110, MW-2111, 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 treatment chemistry appears to have resulted in desorption of contaminants from the soil matrix, thus creating higher concentrations of chlorinated VOCs (CVOCs) subsequent to the initial treatment. The highest CVOC mass was reported in July 2023. The January 2024 results indicate a reduction in mass of over 50% since July.

Although the treatment has been effective in degrading CVOCs, a contingency treatment is planned for late April 2024 to further support continued reduction of CVOC concentrations.

3.1.2 Area 2

PAL exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

TCE	MW-2202
cis-DCE	MW-2201 (and its duplicate)
Manganese (total and dissolved)	MW-2201 (and its duplicate)

ES exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

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

The January sampling data indicated a 91.4% mass reduction in Area 2 compared with the baseline levels.

3.1.3 Area 3

PAL exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

1,1-Dichloroethene (1.1-DCE)	MW-2302
cis-DCE	MW-2302

TCE	MW-2302
Manganese (total and dissolved)	MW-2301 and its duplicate
Chloride	PZ-2303
Sulfate	MW-2303

ES exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

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

Concentrations in the performance wells exhibit a molar mass reduction of 95.1%. Treatment appears to be effective. Monitoring will continue.

3.1.4 Area 4

PAL exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

cis-DCE	MW-65R
Lead	MW-82 (and its duplicate)
Manganese (total and dissolved)	MW-82 (and its duplicate)
Sulfate	MW-65R

ES exceedances detected in the January 2024 sampling event included the following analytes at the listed monitoring well or piezometer:

Vinyl chloride	MW-65R
Iron (total and dissolved)	MW-65R, MW-82 (and its duplicate)
Manganese (total and dissolved)	MW-65R
Chloride	MW-65R, MW-82 (and its duplicate)

The four monitoring wells and the piezometer on the Jockey property have not had detected VOCs since October 2022. Monitoring well MW-65 was replaced in April approximately five feet north of the original monitoring well location. Concentrations in the performance wells exhibit a molar mass reduction of 64.2%. Treatment appears to be effective. Monitoring will continue.

3.2 Concentration Trends

Treatment Area 1

Select well or piezometer CVOCs concentrations were graphed over time and compared to groundwater elevations to evaluate if groundwater levels exert a seasonal effect on the concentrations. The selected wells and piezometers include MW-2101, PZ-2101, MW-2111, PZ-2111, MW-61, PZ-61, MW-2102, MW-2103, PZ--2103, MW-2106, MW-2107, PZ-2107, MW-2112, PZ-2112, MW-2113, PZ-2113, MW-2114 and PZ-2114. Iron, manganese, chloride, sulfate and methane, ethane, and ethene were graphed for the same wells/piezometers in Area 1 to show reductive dechlorination progress in this area. These parameters results generally indicate that the treatment process is continuing; however, as noted above, supplemental treatment is planned for April 2024. The graphs are provided in Appendix C.

Treatment Area 2

Two monitoring wells in Area 2, MW-31 and MW-2201, are the performance monitoring wells; the wells had measurable CVOC concentrations prior to treatment. Four CVOCs were graphed against time and groundwater elevation: TCE, cis-DCE, trans-1,2-dichloroethene (trans-DCE) and vinyl chloride. A vertical line denoting the time of treatment is also shown for reference. After treatment, TCE was no longer detected. CVOC concentrations in MW-31 have generally remained below or near the reporting limits. Vinyl chloride and cis-DCE in MW-2201 have been variable since about mid-2022. 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. These parameters results indicate that the treatment process is waning in efficiency, as would be expected where CVOCs have been remediated (MW-31), but will require further monitoring and evaluation where CVOCs remain (MW-2201).. The graphs are provided in Appendix D.

Treatment Area 3

Four monitoring wells and piezometers in Area 3, MW-2301, PZ-2301, MW-2303, and PZ-2303, are the performance monitoring points. The wells had measurable CVOC concentrations prior to treatment. All four CVOCs (TCE, cis-DCE, trans-DCE, and vinyl chloride) decreased immediately after treatment. In PZ-2303, all CVOCs have remained at or near the reporting limits. In MW-2303, vinyl chloride has been detected at varying concentrations since mid-2022. Iron, manganese, chloride, sulfate and methane, ethane and ethene were graphed for these monitoring points.. These parameters results indicate that the treatment process is waning, as would be expected where CVOCs have been remediated. The graphs are provided in Appendix E.

Treatment Area 4

Two monitoring wells in Area 4, MW-65R (previously MW-65) and MW-82, are the performance monitoring wells. 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. The wells had measurable CVOC concentrations prior to treatment. All four CVOCs (TCE, cis-DCE, trans-DCE, and vinyl chloride) decreased immediately after treatment. In MW-82, all CVOCs have remained at or near the reporting limits. In MW-65/65R, cis-DCE and vinyl chloride have been detected at varying concentrations since mid-2022, although concentrations have been steadily decreasing since mid-2023. Iron, manganese, chloride, sulfate, and methane, ethane and ethene were graphed for these two monitoring wells. These parameters results indicate that the treatment process is waning, as would be expected where CVOCs have been remediated. The graphs are provided in Appendix F.

3.3 Molar Mass Reduction

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

- Area 1 – The cumulative molar mass has increased since treatment, likely due to changes in treatment area geochemistry resulting in desorption of mass from the soil matrix. The highest molar mass in Area 1 was reported in mid-2023 and has been steadily decreasing since then. While molar mass remains above the baseline concentrations, dissolved gases results indicate that substantial CVOC degradation has occurred and continues to occur. A supplemental treatment is planned for April 2024 to further support continued reduction of CVOC concentrations .
- Area 2 – The cumulative molar mass decreased by nearly 100% immediately following treatment. Molar mass increased through 2022, likely due to mass desorption from the soil matrix in response to the treatment chemistry. This pattern of desorption and degradation occurred again in 2023, ending with a net 91.4% reduction in molar mass compared with baseline molar mass.
- Area 3 – The cumulative molar mass decreased by nearly 100% immediately following treatment. Molar mass increased slightly during 2023 (to approximately 82% reduction from baseline) before subsequently decreasing, ending with a net 95.1% reduction in molar mass compared with baseline molar mass.

- Area 4 – The cumulative molar mass decreased by nearly 100% immediately following treatment. Molar mass increased through 2022 to above baseline levels, likely due to mass desorption from the soil matrix in response to the treatment chemistry. This pattern of desorption and degradation occurred again in 2023, ending with a net 64.2% reduction in molar mass compared with baseline molar mass. VOCs have not been detected in the monitoring wells south of the railroad tracks since July 2023.

4. Summary and Conclusions

January 2024 was the end of the second year for quarterly groundwater monitoring after in-situ groundwater treatment at the KEP. Degradation is occurring within each of the treatment areas. PAL and ES exceedances are still present in some of the monitoring wells, and continued monitoring will be performed to document on-going remediation. Contaminants have not spread beyond the property boundaries, based on concentrations detected (or not) in the perimeter monitoring wells. Additional treatment chemicals will be injected at each area after the April 2024 sample event. Monitoring on a quarterly basis will continue after the contingency injection in July 2024, November 2024, and January 2025.

Tables

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

Well Number	MW-2101		PZ-2101		MW-2102		MW-2103		PZ-2103		MW-2104		MW-2105	
Ground Elevation (ft)	625.39		625.40		624.99		624.22		624.23		624.79		625.21	
Top of PVC Casing (TOC) Elevation (ft)	627.55		627.99		627.10		626.14		626.31		627.11		627.38	
Top of Screen Elevation (ft)	620.21		606.99		620.26		619.26		606.36		620.18		620.60	
Screen Length (ft)	10		2		10		10		2		10		10	
TOC to Bottom of Well (ft)[A]	17.34		23.00		16.84		16.88		21.95		16.93		16.78	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	10.51	617.04	10.98	617.01	9.49	617.61	8.55	617.59	8.72	617.59	9.65	617.46	10.60	616.78
4/5/2021	10.34	617.21	10.77	617.22	9.62	617.48	8.53	617.61	8.75	617.56	9.81	617.30	9.92	617.46
6/16/2021	10.75	616.80	11.19	616.80	10.16	616.94	9.14	617.00	9.30	617.01	10.03	617.08	10.63	616.75
10/6/2021	11.06	616.49	11.41	616.58	10.62	616.48	9.61	616.53	9.71	616.60	10.68	616.43	11.54	615.84
12/15/2021	10.35	617.20	10.88	617.11	9.61	617.49	8.58	617.56	9.02	617.29	9.69	617.42	11.12	616.26
2/21/2022	10.82	616.73	11.32	616.67	10.28	616.82	9.29	616.85	9.57	616.74	10.28	616.83	11.15	616.23
3/21/2022	10.74	616.81	11.25	616.74	10.11	616.99	9.12	617.02	9.93	616.38	10.04	617.07	11.05	616.33
4/25/2022	9.02	618.53	9.71	618.28	8.14	618.96	6.74	619.40	7.05	619.26	7.49	619.62	9.34	618.04
5/17/2022	9.81	617.74	10.42	617.57	9.15	617.95	7.89	618.25	8.21	618.10	8.65	618.46	9.85	617.53
7/25/2022	10.07	617.48	10.78	617.21	9.67	617.43	8.64	617.50	8.93	617.38	9.85	617.26	10.37	617.01
10/24/2022	10.61	616.94	10.43	617.56	10.12	616.98	9.12	617.02	9.59	616.72	10.02	617.09	10.77	616.61
1/23/2023	10.27	617.28	10.94	617.05	9.46	617.64	8.50	617.64	8.87	617.44	9.43	617.68	10.60	616.78
4/24/2023	9.85	617.70	11.07	616.92	9.22	617.88	8.11	618.03	8.49	617.82	8.85	618.26	9.40	617.98
7/25/2023	10.58	616.97	11.12	616.87	10.09	617.01	9.13	617.01	9.45	616.86	10.05	617.06	10.78	616.60
10/16/2023	9.20	618.35	10.30	617.69	7.67	619.43	7.56	618.58	8.05	618.26	8.50	618.61	10.56	616.82
1/24/2024	9.60	617.95	10.67	617.32	8.68	618.42	8.01	618.13	8.40	617.91	8.71	618.40	10.01	617.37

ft = feet
[A] = as measured inside well
NM = Not Measured

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

Well Number	PZ-2105		MW-2106		MW-2107		PZ-2107		MW-2108		MW-2109		PZ-2109	
Ground Elevation (ft)	625.22		626.95		626.42		626.36		625.59		625.07		624.92	
Top of PVC Casing (TOC) Elevation (ft)	627.69		629.11		628.32		628.66		627.58		627.04		627.23	
Top of Screen Elevation (ft)	602.89		621.21		620.64		604.77		619.84		620.02		606.76	
Screen Length (ft)	2		10		10		2		10		10		2	
TOC to Bottom of Well (ft)[A]	26.80		17.90		17.68		25.89		17.74		17.02		22.47	
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	11.14	616.55	13.03	616.08	12.98	615.34	13.23	615.43	12.69	614.89	12.86	614.18	13.07	614.16
4/5/2021	10.26	617.43	12.54	616.57	12.56	615.76	12.98	615.68	12.45	615.13	12.42	614.62	12.68	614.55
6/16/2021	10.90	616.79	13.16	615.95	12.94	615.38	13.29	615.37	12.70	614.88	12.83	614.21	13.02	614.21
10/6/2021	11.79	615.90	13.81	615.30	13.36	614.96	13.70	614.96	12.97	614.61	13.17	613.87	13.43	613.80
12/15/2021	11.65	616.04	13.59	615.52	13.16	615.16	13.49	615.17	12.66	614.92	12.74	614.30	12.98	614.25
2/21/2022	11.40	616.29	13.63	615.48	13.19	615.13	13.50	615.16	12.79	614.79	12.92	614.12	13.10	614.13
3/21/2022	11.76	615.93	13.64	615.47	13.29	615.03	13.58	615.08	12.89	614.69	12.83	614.21	13.03	614.20
4/25/2022	10.37	617.32	12.27	616.84	12.45	615.87	12.81	615.85	12.14	615.44	11.79	615.25	11.98	615.25
5/17/2022	9.85	617.84	11.97	617.14	12.32	616.00	12.67	615.99	12.28	615.30	11.85	615.19	12.06	615.17
7/25/2022	10.57	617.12	13.01	616.10	12.91	615.41	13.22	615.44	12.58	615.00	12.65	614.39	12.89	614.34
10/24/2022	10.89	616.80	13.33	615.78	13.42	614.90	13.08	615.58	12.77	614.81	12.84	614.20	13.01	614.22
1/23/2023	10.90	616.79	13.40	615.71	12.58	615.74	13.27	615.39	12.65	614.93	12.57	614.47	12.49	614.74
4/24/2023	9.01	618.68	12.01	617.10	12.30	616.02	12.64	616.02	12.34	615.24	11.95	615.09	12.16	615.07
7/25/2023	10.82	616.87	13.20	615.91	13.00	615.32	13.34	615.32	12.78	614.80	12.81	614.23	13.06	614.17
10/16/2023	11.07	616.62	13.14	615.97	13.04	615.28	13.34	615.32	12.60	614.98	12.55	614.49	12.57	614.66
1/24/2024	10.33	617.36	12.33	616.78	12.42	615.90	12.77	615.89	12.38	615.20	11.77	615.27	11.98	615.25

ft = feet
[A] = as measured inside well
NM = Not Measured

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

Well Number	MW-2110		PZ-2110		MW-2111		PZ-2111		MW-2112		PZ-2112	
Ground Elevation (ft)	624.83		624.76		626.40		626.44		624.21		624.18	
Top of PVC Casing (TOC) Elevation (ft)	627.00		626.95		628.33		628.68		626.32		626.48	
Top of Screen Elevation (ft)	619.93		606.20		620.31		604.91		619.46		605.48	
Screen Length (ft)	10		2		10		2.5		10		2	
TOC to Bottom of Well (ft) [A]	17.07		22.75		18.02		26.27		16.86		23.00	
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	12.68	614.32	12.94	614.01	12.24	616.09	12.57	616.11	9.99	616.33	10.16	616.32
4/5/2021	12.26	614.74	12.22	614.73	11.44	616.89	11.77	616.91	9.84	616.48	9.98	616.50
6/16/2021	12.86	614.14	12.85	614.10	12.39	615.94	12.71	615.97	10.48	615.84	10.61	615.87
10/6/2021	13.38	613.62	13.31	613.64	12.95	615.38	13.27	615.41	10.92	615.40	11.11	615.37
12/15/2021	12.85	614.15	12.79	614.16	12.37	615.96	13.71	614.97	10.00	616.32	10.18	616.30
2/21/2022	13.04	613.96	13.00	613.95	12.89	615.44	13.10	615.58	10.63	615.69	10.78	615.70
3/21/2022	12.90	614.10	12.89	614.06	12.55	615.78	12.71	615.97	10.46	615.86	10.73	615.75
4/25/2022	9.65	617.35	11.17	615.78	9.65	618.68	10.04	618.64	8.17	618.15	8.32	618.16
5/17/2022	11.38	615.62	11.31	615.64	10.64	617.69	11.01	617.67	9.25	617.07	10.33	616.15
7/25/2022	12.55	614.45	12.51	614.44	12.18	616.15	12.55	616.13	10.11	616.21	10.22	616.26
10/24/2022	12.91	614.09	12.85	614.10	12.46	615.87	12.79	615.89	10.47	615.85	10.65	615.83
1/23/2023	12.53	614.47	12.51	614.44	11.85	616.48	12.20	616.48	9.92	616.40	10.02	616.46
4/24/2023	11.47	615.53	11.42	615.53	9.53	618.80	11.32	617.36	9.47	616.85	9.57	616.91
7/25/2023	12.83	614.17	12.80	614.15	12.66	615.67	12.81	615.87	10.52	615.80	10.62	615.86
10/16/2023	12.13	614.87	12.10	614.85	12.10	616.23	12.24	616.44	9.60	616.72	9.75	616.73
1/24/2024	11.53	615.47	11.50	615.45	12.08	616.25	12.03	616.65	9.67	616.65	10.02	616.46

ft = feet
[A] = as measured inside well
NM = Not Measured

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

Well Number	MW-2113		PZ-2113		MW-2114		PZ-2114		MW-61		PZ-61	
Ground Elevation (ft)	625.20		625.10		624.72		624.72		623.52		623.56	
Top of PVC Casing (TOC) Elevation (ft)	627.33		627.36		626.80		626.80		624.03		624.15	
Top of Screen Elevation (ft)	620.34		606.48		620.13		606.98		617.20		605.60	
Screen Length (ft)	10		2		10		2		10		2.5	
TOC to Bottom of Well (ft)[A]	16.99		22.88		16.67		21.82		16.83		21.05	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	10.81	616.52	10.84	616.52	10.54	616.26	10.62	616.18	9.69	614.34	9.83	614.32
4/5/2021	10.59	616.74	10.64	616.72	10.04	616.76	10.08	616.72	9.22	614.81	9.60	614.55
6/16/2021	11.14	616.19	11.20	616.16	10.59	616.21	10.64	616.16	9.63	614.40	9.80	614.35
10/6/2021	11.64	615.69	11.71	615.65	11.15	615.65	11.31	615.49	9.94	614.09	10.35	613.80
12/15/2021	10.68	616.65	11.47	615.89	10.89	615.91	10.82	615.98	9.68	614.35	10.04	614.11
2/21/2022	11.32	616.01	11.35	616.01	10.97	615.83	10.77	616.03	9.70	614.33	9.68	614.47
3/21/2022	11.18	616.15	11.39	615.97	10.86	615.94	10.96	615.84	9.66	614.37	9.84	614.31
4/25/2022	8.71	618.62	12.96	614.40	9.29	617.51	9.34	617.46	9.50	614.53	9.50	614.65
5/17/2022	9.88	617.45	9.96	617.40	9.39	617.41	9.42	617.38	8.67	615.36	8.95	615.20
7/25/2022	10.77	616.56	10.87	616.49	10.42	616.38	10.48	616.32	9.47	614.56	9.64	614.51
10/24/2022	11.17	616.16	11.23	616.13	10.69	616.11	10.73	616.07	9.29	614.74	9.64	614.51
1/23/2023	10.53	616.80	10.58	616.78	10.38	616.42	10.45	616.35	9.42	614.61	10.11	614.04
4/24/2023	10.10	617.23	10.15	617.21	9.55	617.25	9.52	617.28	8.71	615.32	8.93	615.22
7/25/2023	11.30	616.03	11.25	616.11	10.62	616.18	10.66	616.14	9.68	614.35	9.79	614.36
10/16/2023	9.65	617.68	9.70	617.66	10.41	616.39	10.50	616.30	9.00	615.03	8.55	615.60
1/24/2024	10.04	617.29	10.10	617.26	9.68	617.12	9.94	616.86	NM	--	NM	--

ft = feet
[A] = as measured inside well
NM = Not Measured

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

Well Number	MW-2201		MW-2202		PZ-2202		MW-2203		PZ-2203		MW-31		MW-113		MW-114		PZ-118	
Ground Elevation (ft)	626.06		625.52		625.62		624.95		624.81		624.38		623.51		623.06		622.64	
Top of PVC Casing (TOC) Elevation (ft)	628.22		627.89		627.74		627.38		627.21		627.67		623.15		622.57		622.33	
Top of Screen Elevation (ft)	620.40		620.02		606.33		619.40		604.83		615.96		619.49		619.11		606.05	
Screen Length (ft)	10		10		2.5		10		2.5		10		10		10		2.5	
TOC to Bottom of Well (ft)[A]	17.82		17.87		23.91		17.98		24.88		21.71		13.66		13.46		18.78	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	17.66	610.56	17.72	610.17	12.19	615.55	13.77	613.61	13.73	613.48	13.58	614.09	10.99	612.16	8.43	614.14	8.77	613.56
4/5/2021	11.29	616.93	9.64	618.25	9.50	618.24	12.06	615.32	12.26	614.95	11.95	615.72	10.40	612.75	8.22	614.35	7.42	614.91
6/16/2021	12.76	615.46	11.48	616.41	11.32	616.42	13.66	613.72	13.63	613.58	13.47	614.20	11.11	612.04	8.50	614.07	8.91	613.42
10/6/2021	13.97	614.25	13.41	614.48	13.39	614.35	14.65	612.73	14.53	612.68	14.56	613.11	11.49	611.66	9.01	613.56	9.76	612.57
12/15/2021	11.67	616.55	10.15	617.74	11.17	616.57	13.27	614.11	13.22	613.99	12.65	615.02	10.55	612.60	8.89	613.68	8.24	614.09
12/30/2021	11.47	616.75	10.04	617.85	11.21	616.53	13.27	614.11	13.35	613.86	12.75	614.92	NM	--	8.04	614.53	8.30	614.03
1/31/2022	13.90	614.32	11.30	616.59	11.42	616.32	13.47	613.91	13.44	613.77	13.09	614.58	NM	--	8.90	613.67	9.33	613.00
2/28/2022	11.92	616.30	11.60	616.29	11.50	616.24	13.52	613.86	13.45	613.76	13.01	614.66	NM	--	8.09	614.48	8.48	613.85
4/25/2022	8.09	620.13	5.93	621.96	8.04	619.70	9.89	617.49	10.43	616.78	8.89	618.78	8.74	614.41	5.40	617.17	5.24	617.09
7/25/2022	11.61	616.61	10.05	617.84	10.82	616.92	13.22	614.16	13.21	614.00	12.78	614.89	10.69	612.46	7.62	614.95	8.04	614.29
10/24/2022	11.70	616.52	11.00	616.89	10.82	616.92	13.51	613.87	13.47	613.74	14.07	613.60	11.07	612.08	7.46	615.11	8.71	613.62
1/23/2023	10.30	617.92	9.20	618.69	9.63	618.11	12.70	614.68	12.73	614.48	12.11	615.56	10.61	612.54	6.72	615.85	7.82	614.51
4/24/2023	10.30	617.92	8.77	619.12	8.87	618.87	11.48	615.90	11.81	615.40	11.22	616.45	10.43	612.72	6.51	616.06	7.27	615.06
7/25/2023	12.80	615.42	12.25	615.64	11.61	616.13	13.25	614.13	14.41	612.80	13.41	614.26	7.89	615.26	7.91	614.66	8.98	613.35
10/16/2023	9.93	618.29	4.94	622.95	9.90	617.84	12.13	615.25	12.21	615.00	10.94	616.73	9.78	613.37	6.75	615.82	6.63	615.70
1/24/2024	10.00	618.22	6.86	621.03	8.53	619.21	11.18	616.20	11.54	615.67	10.83	616.84	NM	--	5.53	617.04	6.85	615.48

ft = feet

[A] = as measured inside well

NM = Not Measured

-- no elevation

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

Well Number	MW-2301		PZ-2301		MW-2302		PZ-2302		MW-2303		PZ-2303	
Ground Elevation (ft)	623.21		623.23		624.47		624.40		624.24		624.16	
Top of PVC Casing (TOC) Elevation (ft)	625.25		625.46		626.63		626.98		626.15		626.27	
Top of Screen Elevation (ft)	617.61		601.89		618.73		603.43		618.45		604.55	
Screen Length (ft)	10		2.5		10		2.5		10		2	
TOC to Bottom of Well (ft)[A]	17.64		26.07		17.90		26.05		17.70		23.72	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	12.27	612.98	13.09	612.37	13.71	612.92	14.29	612.34	16.74	609.41	16.52	609.75
4/5/2021	10.51	614.74	10.83	614.63	12.02	614.61	12.24	614.39	11.47	614.68	11.43	614.84
6/16/2021	11.63	613.62	11.88	613.58	12.51	614.12	13.13	613.50	12.10	614.05	12.21	614.06
10/6/2021	12.93	612.32	12.79	612.67	13.52	613.11	14.01	612.62	13.08	613.07	13.24	613.03
11/20/2021	11.71	613.54	11.85	613.61	12.64	613.99	13.23	613.40	12.24	613.91	12.45	613.82
12/15/2021	11.34	613.91	11.29	614.17	12.29	614.34	12.60	614.03	11.81	614.34	11.93	614.34
12/22/2021	11.25	614.00	11.42	614.04	12.32	614.31	12.80	613.83	11.85	614.30	11.96	614.31
1/24/2022	11.32	613.93	11.53	613.93	12.28	614.35	12.88	613.75	11.82	614.33	12.07	614.20
4/25/2022	8.32	616.93	8.74	616.72	11.05	615.58	10.47	616.16	10.62	615.53	10.47	615.80
7/25/2022	11.06	614.19	10.96	614.50	12.00	614.63	12.32	614.31	11.38	614.77	11.47	614.80
10/24/2022	11.87	613.38	12.85	612.61	12.41	614.22	13.10	613.53	12.10	614.05	12.21	614.06
1/23/2023	10.87	614.38	10.94	614.52	11.95	614.68	12.36	614.27	11.47	614.68	11.52	614.75
4/24/2023	9.97	615.28	10.23	615.23	11.35	615.28	11.55	615.08	10.75	615.40	10.79	615.48
7/25/2023	11.90	613.35	11.68	613.78	12.48	614.15	13.13	613.50	12.04	614.11	12.13	614.14
10/16/2023	10.84	614.41	10.20	615.26	11.51	615.12	11.68	614.95	11.22	614.93	11.24	615.03
1/24/2024	9.53	615.72	9.90	615.56	10.99	615.64	11.41	615.22	10.97	615.18	10.98	615.29

ft = feet
[A] = as measured inside well

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

Well Number	MW-65		MW-65R		MW-77		MW-1000		PZ-1000		MW-79	
Ground Elevation (ft)	624.24				623.48		625.92		625.89		624.88	
Top of PVC Casing (TOC) Elevation (ft)	627.63				622.51		627.83		628.08		624.62	
Top of Screen Elevation (ft)	614.82				615.80		620.85		603.49		617.89	
Screen Length (ft)	10		10		10		10		2.5		10	
TOC to Bottom of Well (ft)[A]	22.81		20.57		16.71		16.98		27.09		16.42	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	15.39	612.24	NI	--	Dry	--	Dry	--	Dry	--	NM	--
4/5/2021	14.04	613.59	NI	--	9.86	612.65	16.74	611.09	17.35	610.73	9.44	615.18
6/16/2021	14.94	612.69	NI	--	NM	--	16.74	611.09	18.08	610.00	10.10	614.52
10/6/2021	15.72	611.91	NI	--	10.36	612.15	16.94	610.89	18.83	609.25	11.06	613.56
12/8/2021	16.01	611.62	NI	--	10.37	612.14	Dry	--	Dry	--	11.17	613.45
12/15/2021	15.42	612.21	NI	--	Dry	--	16.93	610.90	18.35	609.73	10.68	613.94
1/12/2022	14.80	612.83	NI	--	Dry	--	Dry	--	Dry	--	10.24	614.38
2/7/2022	14.93	612.70	NI	--	Dry	--	Dry	--	Dry	--	10.82	613.80
4/25/2022	13.45	614.18	NI	--	10.38	612.13	16.95	610.88	16.94	611.14	6.61	618.01
7/25/2022	14.47	613.16	NI	--	Dry	--	16.91	610.92	17.62	610.46	8.56	616.06
10/24/2022	15.76	611.87	NI	--	Dry	--	Dry	--	Dry	--	10.45	614.17
1/23/2023	15.15	612.48	NI	--	10.36	612.15	16.93	610.90	18.01	610.07	9.66	614.96
4/24/2023	Abandoned		13.58	--	10.38	612.13	16.65	611.18	16.65	611.43	8.11	616.51
7/25/2023			14.90	--	Dry	--	Dry	--	Dry	--	9.60	615.02
10/16/2023			14.63	--	Dry	--	17.04	610.79	17.75	610.33	9.30	615.32
1/24/2024			13.85	--	Dry	--	Dry	--	Dry	--	8.76	615.86

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation
MW-65 replaced on 04/03/2023
as MW-65R

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

Well Number	MW-80		MW-81		MW-82		PZ-82		MW-44		MW-108	
Ground Elevation (ft)	624.21		624.63		625.10		625.10		624.86		624.00	
Top of PVC Casing (TOC) Elevation (ft)	623.81		624.35		624.89		624.89		624.54		623.83	
Top of Screen Elevation (ft)	617.00		617.39		618.00		618.00		619.95		619.57	
Screen Length (ft)	10		10		10		2		10		10	
TOC to Bottom of Well (ft)[A]	15.37		16.46		16.20		24.31		14.59		14.26	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--	NI	--	11.57	608.38	8.53	611.04
4/5/2021	6.18	617.63	9.16	615.19	10.69	614.20	NI	--	10.49	609.46	4.76	614.81
6/16/2021	7.02	616.79	10.72	613.63	16.04	608.85	NI	--	11.36	608.59	9.34	610.23
10/6/2021	8.65	615.16	11.73	612.62	12.65	612.24	12.75	612.14	12.21	607.74	10.09	609.48
12/8/2021	8.83	614.98	11.74	612.61	12.82	612.07	12.49	605.51	12.05	607.90	9.07	610.50
12/15/2021	7.39	616.42	10.75	613.60	12.27	612.62	11.98	612.91	11.65	608.30	7.14	612.43
1/12/2022	7.44	616.37	10.65	613.70	11.81	613.08	11.78	613.11	11.56	608.39	NM	--
2/7/2022	8.57	615.24	10.98	613.37	12.01	612.88	11.50	613.39	12.15	607.80	8.48	611.09
4/25/2022	3.19	620.62	7.19	617.16	9.32	615.57	10.75	614.14	10.02	609.93	3.02	616.55
7/25/2022	4.23	619.58	9.18	615.17	10.55	614.34	10.71	614.39	10.40	609.55	7.64	611.93
10/24/2022	7.82	615.99	11.39	612.96	12.36	612.53	11.78	613.11	12.41	607.54	9.27	610.30
1/23/2023	6.40	617.41	10.35	614.00	10.72	614.17	11.37	613.52	11.53	608.42	7.16	612.41
4/24/2023	4.30	619.51	8.70	615.65	9.78	615.11	9.92	608.08	9.83	610.12	4.54	615.03
7/25/2023	6.46	617.35	10.91	613.44	11.87	613.02	12.86	612.03	11.21	608.74	9.60	609.97
10/16/2023	6.27	617.54	10.03	614.32	10.48	614.41	11.88	613.01	10.92	609.03	6.52	613.05
1/24/2024	6.11	617.70	8.98	615.37	10.83	614.06	10.49	607.51	10.04	609.91	4.77	614.80

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation
MW-65 replaced on 04/03/2023
as MW-65R

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

Well Number	MW-101		MW-102		MW-103		MW-105		MW-107		MW-109	
Ground Elevation (ft)	624.38		624.61		624.49		624.01		625.93		625.30	
Top of PVC Casing (TOC) Elevation (ft)	623.84		623.98		624.11		623.79		625.47		624.99	
Top of Screen Elevation (ft)	620.87		621.26		621.26		620.04		621.05		618.69	
Screen Length (ft)	10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	12.97		12.72		12.85		13.75		14.42		16.30	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	5.94	617.90	5.35	618.63	5.36	618.75	10.11	613.68	11.68	613.79	13.92	611.07
6/16/2021	7.08	616.76	5.80	618.18	5.74	618.37	10.33	613.46	12.64	612.83	14.32	610.67
10/6/2021	7.60	616.24	6.13	617.85	6.15	617.96	11.85	611.94	13.82	611.65	14.48	610.51
12/15/2021	6.81	617.03	5.44	618.54	5.62	618.49	10.44	613.35	13.09	612.38	14.08	610.91
4/25/2022	4.86	618.98	4.48	619.50	4.65	619.46	9.74	614.05	11.26	614.21	3.02	621.97
7/25/2022	5.98	617.86	5.19	618.79	5.15	618.96	10.18	613.61	12.23	613.24	14.02	610.97
10/24/2022	6.67	617.17	5.73	618.25	5.79	618.32	10.42	613.37	12.30	613.17	14.09	610.90
1/23/2023	6.51	617.33	5.51	618.47	5.54	618.57	10.32	613.47	12.91	612.56	13.99	611.00
4/4/2023	5.70	618.14	5.02	618.96	5.11	619.00	9.49	614.30	10.12	615.35	13.59	611.40
7/25/2023	6.91	616.93	5.64	618.34	5.57	618.54	10.14	613.65	12.24	613.23	14.10	610.89
10/16/2023	5.65	618.19	4.71	619.27	7.74	616.37	10.01	613.78	12.02	613.45	12.83	612.16
1/24/2024	4.80	619.04	4.87	619.11	4.83	619.28	NM	--	NM	--	Damaged	

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured due to snow
and ice covering well
-- no elevation

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

Well Number	MW-110		MW-111		MW-112		MW-115		MW-116		PZ-116	
Ground Elevation (ft)	623.19		621.77		621.81		624.01		623.56		623.56	
Top of PVC Casing (TOC) Elevation (ft)	622.75		621.30		621.62		623.75		623.29		623.10	
Top of Screen Elevation (ft)	618.67		618.39		617.44		619.49		620.27		596.73	
Screen Length (ft)	10		10		10		10		10		2.5	
TOC to Bottom of Well (ft)[A]	14.08		12.91		14.18		14.26		13.02		28.87	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/5/2021	6.65	616.10	7.39	613.91	4.89	616.73	5.14	618.61	7.82	615.47	8.10	615.00
6/16/2021	8.37	614.38	8.31	612.99	6.63	614.99	7.67	616.08	9.64	613.65	9.40	613.70
10/6/2021	9.52	613.23	8.95	612.35	7.54	614.08	9.81	613.94	10.47	612.82	10.27	612.83
12/15/2021	6.49	616.26	7.58	613.72	4.51	617.11	8.50	615.25	8.29	615.00	8.48	614.62
4/25/2022	2.45	620.30	5.71	615.59	2.79	618.83	5.05	618.70	3.37	619.92	5.39	617.71
7/25/2022	7.53	615.22	7.48	613.82	4.59	617.03	6.72	617.03	7.94	615.35	8.19	614.91
10/24/2022	8.47	614.28	8.25	613.05	6.49	615.13	7.54	616.21	9.51	613.78	9.43	613.67
1/23/2023	7.23	615.52	7.70	613.60	4.72	616.90	6.77	616.98	8.08	615.21	8.31	614.79
4/4/2023	5.78	616.97	7.24	614.06	4.46	617.16	5.72	618.03	7.18	616.11	7.50	615.60
7/25/2023	8.58	614.17	8.91	612.39	6.49	615.13	8.13	615.62	9.78	613.51	9.51	613.59
10/16/2023	5.98	616.77	7.01	614.29	3.30	618.32	6.90	616.85	6.04	617.25	6.91	616.19
1/24/2024	5.25	617.50	NM	--	NM	--	4.65	619.10	6.27	617.02	6.94	616.16

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured due to snow
and ice covering well
-- no elevation

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

Well Number	MW-117		PZ-117		MW-206	
Ground Elevation (ft)	622.16		622.14		623.01	
Top of PVC Casing (TOC) Elevation (ft)	621.74		621.82		622.86	
Top of Screen Elevation (ft)	616.81		601.21		621.63	
Screen Length (ft)	10		2.5		10	
TOC to Bottom of Well (ft)[A]	14.93		23.11		11.23	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
12/7/2020	NM	--	NM	--	NM	--
4/5/2021	7.39	614.35	7.90	613.92	6.96	615.90
6/16/2021	9.09	612.65	9.06	612.76	7.65	615.21
10/6/2021	9.63	612.11	9.72	612.10	8.34	614.52
12/15/2021	8.24	613.50	8.23	613.59	7.91	614.95
4/25/2022	6.05	615.69	5.71	616.11	6.35	616.51
7/25/2022	8.17	613.57	7.97	613.85	7.58	615.28
10/24/2022	8.98	612.76	9.12	612.70	7.75	615.11
1/23/2023	8.17	613.57	8.12	613.70	7.59	615.27
4/4/2023	7.96	613.78	7.71	614.11	6.52	616.34
7/25/2023	9.13	612.61	8.95	612.87	7.60	615.26
10/16/2023	7.23	614.51	7.13	614.69	7.19	615.67
1/24/2024	7.44	614.30	7.72	614.10	NM	--

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured due to snow
and ice covering well
-- no elevation

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2101	12/09/20	7.12	NM	-97.5	1.339	14.20	644.38
		04/08/21	6.78	0.41	116.5	1.267	10.29	40.41
		02/22/22	7.65	0.20	-205.7	1.459	7.89	4.66
		03/21/22	7.18	0.07	-154.6	1.286	10.00	2.23
		04/27/22	7.60	0.11	75.6	1.401	8.05	0.96
		07/27/22	7.50	0.04	-288.4	1.343	16.46	0.00
		10/27/22	7.51	0.02	-309.5	1.125	15.29	127.11
		01/25/23	8.90	0.18	-400.4	1.048	8.15	39.09
		04/26/23	7.88	0.09	-290.8	1.037	10.89	8.23
		07/26/23	7.00	0.09	-189.1	1.873	17.92	0.23
		10/18/23	7.13	0.03	-222.6	1.372	17.57	6.78
		1/23/2024	7.37	0.17	75.6	1.006	7.95	17.70
1	PZ-2101	12/09/20	7.07	NM	-76.6	2.517	14.09	740.99
		04/09/21	7.30	0.74	79.5	2.923	11.44	NM
		02/24/22	6.67	0.24	-75.3	7.314	8.06	12.99
		03/23/22	6.84	0.39	95.4	7.757	10.97	2.51
		04/27/22	4.62	0.01	-1122.8	6.734	18.19	82.92
		07/27/22	6.24	0.08	-137.9	8.111	15.65	12.77
		10/02/22	6.28	0.04	-160.5	5.124	14.15	44.84
		01/25/23	6.97	0.00	-28.2	8.395	10.34	0.00
		04/26/23	6.99	0.15	-168.7	8.511	11.13	49.24
		07/26/23	6.59	0.06	-183.9	8.171	15.96	11.79
		10/19/23	6.40	0.05	-205.0	8.193	14.49	88.24
		01/23/24	6.57	0.16	127.8	7.353	10.69	9.37
1	MW-2102	12/15/20	6.96	NM	-77.8	1.502	12.62	71.06
		04/08/21	6.85	0.16	-16.3	1.448	10.66	47.01
		02/22/22	6.22	0.18	-103.7	3.237	7.73	7.54
		03/22/22	6.50	0.09	-25.1	2.689	7.76	19.91
		04/27/22	6.50	0.11	208.8	2.396	7.19	6.77
		07/25/22	5.92	0.06	-151.1	2.129	17.76	5.05
		10/27/22	6.10	NM	-92.3	1.851	15.15	11.41
		01/25/23	7.65	2.02	-147.9	0.595	7.05	22.58
		04/25/23	6.91	0.72	-420.0	2.042	9.66	57.44
		07/27/23	6.48	1.22	-184.2	0.003	22.43	6.93
		10/18/23	6.71	0.05	-302.7	2.398	15.65	47.76
		01/23/24	7.03	0.29	-148.6	1.708	8.75	10.25
1	MW-2103	12/14/20	7.00	0.06	-39.6	1.313	10.72	3.92
		04/08/21	7.21	0.07	-48.3	1.325	9.70	10.66
		02/23/22	6.82	0.23	-83.3	3.526	5.95	24.63
		03/22/22	7.13	0.09	-141.1	2.439	8.06	7.98
		04/27/22	6.94	NM	-122.2	3.657	7.73	3.72
		07/27/22	6.48	0.01	-183.1	2.060	17.08	20.35
		10/27/2022	6.93	0.07	-158.1	1.100	16.42	56.96
		1/25/2023	8.11	0.64	-91.3	2.465	6.75	10.10
		4/26/2023	7.30	0.14	-191.0	3.139	9.67	12.21
		7/26/2023	6.55	0.05	-164.8	1.620	16.33	40.19
		10/19/2023	7.01	0.23	-165.7	4.318	18.79	30.25
		1/23/2024	7.18	0.32	88.0	6.051	9.09	52.68

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	PZ-2103	12/14/20	7.18	4.90	80.4	1.672	11.60	1.40
		04/09/21	7.43	2.83	126.4	2.062	11.15	NM
		02/24/22	6.74	0.11	-94.3	10.600	8.45	265.06
		04/07/22	7.04	0.27	-128.8	23.611	8.69	91.61
		05/05/22	7.05	0.19	-141.9	31.987	10.01	26.70
		07/27/22	6.75	0.00	-328.9	28.045	16.90	36.62
		10/27/22	6.65	0.01	-302.1	23.768	14.77	154.83
		01/25/23	8.37	0.01	-304.5	24.942	9.04	90.00
		04/26/23	6.88	0.05	-201.6	25.365	10.32	59.81
		07/26/23	6.45	0.13	-154.7	23.949	16.08	120.56
		10/19/23	6.48	0.06	-169.9	22.466	18.61	68.07
		01/23/24	6.74	0.18	119.3	23.145	8.20	45.39
1	MW-2104	12/14/20	6.86	0.00	-63.1	2.676	12.54	26.42
		04/08/21	7.08	0.16	-70.5	2.461	10.26	9.56
		02/23/22	6.98	0.26	-27.0	1.539	7.81	21.61
		03/21/22	6.91	0.14	-15.3	1.231	10.26	18.04
		04/27/22	7.08	0.13	170.2	1.572	7.97	175.17
		07/25/22	6.68	0.03	-67.6	1.255	16.00	19.19
		10/24/22	7.25	0.09	-136.8	1.328	16.57	30.71
		01/23/23	7.23	0.13	-89.8	1.486	8.15	11.40
		04/25/23	7.31	0.22	-87.4	1.551	10.05	10.47
		07/24/23	6.83	0.09	-165.0	1.252	16.50	11.58
		10/16/23	6.89	0.09	-113.5	2.492	15.05	4.18
		01/23/24	7.36	0.26	-18.9	2.193	8.27	28.60
1	MW-2105	12/14/20	7.01	0.11	-71.9	1.885	9.93	14.48
		04/08/21	7.11	0.17	-61.3	1.621	10.31	1.91
		02/23/22	7.20	0.16	-81.9	2.270	7.77	11.58
		03/23/22	7.10	0.17	63.0	1.726	9.13	9.43
		04/26/22	7.34	0.52	-87.7	1.974	9.34	0.52
		07/26/22	6.62	0.03	-91.2	2.031	17.56	16.72
		10/24/22	7.24	0.05	-214.9	2.545	16.42	15.11
		01/23/23	6.90	0.06	-169.6	2.198	7.62	0.00
		04/24/23	7.06	0.21	-286.8	2.122	10.40	2.13
		07/25/23	7.02	0.78	-201.4	2.589	18.61	1.07
		10/16/23	6.57	0.12	-201.0	1.864	14.31	9.57
		01/23/24	7.27	0.38	-123.8	2.722	6.82	2.35
1	PZ-2105	12/10/20	7.51	NM	51.6	1.296	11.97	8.73
		04/08/21	7.48	1.80	109.1	0.892	11.73	14.02
		02/22/22	7.46	3.23	-115.3	1.034	8.82	3.41
		03/22/22	7.60	2.38	-63.3	1.013	9.13	3.23
		04/26/22	7.54	3.40	132.9	1.013	9.97	0.00
		07/26/22	7.49	0.78	87.3	1.110	17.69	228.30
		10/24/22	9.95	2.94	-95.9	1.203	15.62	9.51
		01/23/23	8.01	4.83	-110.5	0.929	7.96	0.00
		04/24/23	7.73	2.54	-126.5	1.043	11.07	12.92
		07/25/23	7.25	0.84	-124.3	1.014	19.15	9.52
		10/16/23	7.45	0.86	-166.4	0.997	13.50	20.92
		01/23/24	7.97	4.85	37.3	1.073	8.61	0.00

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2106	12/14/20	7.05	0.03	-47.1	1.424	11.36	3.76
		04/08/21	7.01	0.62	-70.7	1.578	12.30	2.36
		02/21/22	7.04	0.26	-138.5	1.338	9.28	8.20
		03/21/22	7.07	0.12	224.1	1.786	10.58	3.23
		04/27/22	7.27	NM	-174.7	1.956	8.33	9.94
		07/27/22	6.84	0.00	-17.0	1.593	15.19	19.54
		10/27/22	6.96	NM	-210.1	1.607	15.18	0.00
		01/23/23	6.99	0.08	-147.1	2.524	8.88	18.41
		04/24/23	7.01	0.17	-275.7	2.345	9.74	18.89
		07/25/23	6.60	0.45	-213.0	1.453	18.03	14.50
		10/16/23	6.41	0.18	-187.5	2.268	14.07	3.47
		01/23/24	6.95	0.06	-205.1	3.102	10.49	30.46
1	MW-2107	12/09/20	7.41	0.04	-136.9	0.968	13.81	7.67
		04/07/21	6.43	10.96	60.3	9.300	13.33	2.11
		02/21/22	6.82	0.23	-109.0	1.341	8.70	5.34
		03/21/22	7.13	0.14	167.2	1.519	10.81	0.13
		04/26/22	7.45	NM	14.9	2.938	8.05	0.85
		07/25/22	6.83	1.33	-70.5	1.420	13.85	11.12
		10/27/22	7.07	0.08	-190.7	1.318	14.38	8.55
		01/24/23	7.32	0.36	-51.3	4.293	9.60	75.73
		04/26/23	7.42	0.41	-256.8	2.050	9.81	83.26
		07/25/23	6.51	0.03	-206.2	0.721	17.11	154.80
		10/17/23	6.86	0.28	-194.6	1.235	13.92	110.66
		01/23/24	6.92	0.05	-241.6	2.202	9.01	40.99
1	PZ-2107	12/09/20	7.38	4.33	25.4	3.055	13.60	2.72
		04/08/21	7.49	6.18	143.4	2.050	12.40	4.81
		02/22/22	7.64	7.89	-70.8	0.514	8.81	0.14
		03/22/22	7.57	0.25	72.8	1.979	9.32	10.66
		04/26/22	7.06	1.40	215.5	2.098	8.82	9.79
		07/25/22	7.25	0.34	-67.5	2.354	14.08	2.07
		10/27/22	7.36	0.16	-210.8	2.067	13.61	27.47
		01/24/23	7.62	1.05	-15.0	3.132	10.38	81.51
		04/02/23	7.76	2.49	-137.4	2.151	10.59	0.91
		07/25/23	6.78	0.28	-141.0	2.133	16.66	1.93
		10/17/23	7.35	0.18	-155.6	1.565	13.53	6.65
		01/23/24	7.61	3.21	186.9	2.606	9.92	0.57
1	MW-2108	12/09/20	7.64	0.08	-220.4	0.601	14.01	2.10
		04/07/21	6.76	10.55	-14.7	0.000	15.31	1.55
		02/21/22	7.45	0.26	-99.0	0.799	8.92	1.29
		03/21/22	7.23	0.12	33.2	0.688	11.19	3.84
		04/27/22	7.30	0.24	199.0	1.090	7.82	0.00
		07/25/22	6.99	0.12	-128.8	1.817	14.52	3.67
		10/24/22	7.38	0.04	-258.0	1.942	16.54	15.14
		01/23/23	7.25	0.04	-179.9	1.531	8.87	14.57
		04/25/23	7.40	0.12	-208.0	1.677	9.37	7.96
		07/24/23	7.02	0.22	-268.1	1.927	15.45	4.49
		10/17/23	7.10	0.17	-249.0	2.236	16.03	4.97
		01/22/24	7.09	0.17	-95.5	1.856	8.00	0.00

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2109	12/09/20	7.23	0.06	-49.4	2.341	13.30	11.10
		04/07/21	7.21	0.09	-73.4	2.492	11.57	19.50
		02/21/22	7.31	0.07	43.3	1.358	10.15	480.76
		03/21/22	7.29	0.30	223.4	2.383	10.42	56.36
		04/26/22	7.27	NM	92.60	1.998	7.84	3.86
		07/25/22	6.88	0.20	-70.6	2.906	15.34	78.98
		10/26/22	Readings not recorded					
		01/24/23	8.41	0.61	-33.9	1.926	9.50	26.47
		04/25/23	7.14	0.46	-148.6	2.980	9.91	3.86
		07/24/23	7.01	0.30	-137.7	1.768	16.68	100.22
		10/18/23	7.17	0.22	-116.4	1.147	15.76	7.95
		01/24/23	6.98	0.41	-32.0	2.296	10.73	20.69
1	PZ-2109	12/09/20	7.01	0.06	-91.0	6.959	13.69	4.60
		04/07/21	6.93	1.39	-35.5	6.824	12.00	6.21
		02/21/22	7.09	0.57	28.2	5.843	10.82	9.36
		03/21/22	6.93	0.54	242.8	7.627	11.57	17.02
		04/26/22	6.70	0.22	236.4	7.081	8.05	3.07
		07/25/22	6.71	0.16	-72.3	9.873	14.58	13.42
		10/26/22	7.00	0.08	-111.2	7.865	13.70	12.20
		01/24/23	8.14	0.29	-46.4	4.482	10.58	8.74
		04/25/23	7.21	0.17	-145.2	6.245	11.16	174.84
		07/24/23	6.87	0.10	-174.7	7.173	14.84	103.11
		10/18/23	7.12	0.01	-158.8	6.119	14.83	20.24
		01/24/23	7.13	0.18	-77.1	7.215	11.25	0.73
1	MW-2110	12/15/20	7.95	0.10	-57.4	1.665	10.83	0.00
		04/07/21	6.83	0.26	38.2	2.128	11.16	18.37
		02/21/22	7.19	0.09	47.4	1.491	8.97	48.80
		03/21/22	6.94	0.21	287.4	1.719	10.90	26.94
		04/27/22	7.07	0.82	211.5	1.977	8.72	0.89
		07/25/22	6.66	0.25	-7.7	2.502	14.65	32.15
		10/27/22	7.20	0.21	87.2	1.169	13.34	3.62
		01/24/23	8.45	0.83	36.9	1.807	8.55	13.59
		04/26/23	7.09	0.59	-22.0	1.589	9.67	39.21
		07/24/23	7.18	0.40	-156.3	1.520	16.03	44.41
		10/18/23	7.02	0.33	-73.9	1.824	14.80	18.44
		02/22/24	6.98	0.95	26.0	1.898	8.45	0.00
1	PZ-2110	12/08/20	7.28	NM	171.9	2.708	12.33	25.18
		04/07/21	7.24	3.73	140.6	2.569	13.02	2.69
		02/21/22	7.32	0.20	35.4	2.734	10.60	37.66
		03/21/22	7.21	0.21	106.7	2.657	11.83	13.45
		03/23/22	7.87	0.28	-68.1	2.844	9.94	9.15
		04/27/22	7.12	NM	157.4	3.704	10.75	1.36
		07/25/22	6.82	0.20	-43.9	3.773	14.03	23.28
		10/27/22	6.98	NM	-96.1	1.468	13.26	4.69
		01/24/23	8.67	3.79	52.9	2.292	7.32	1.91
		04/26/23	7.47	3.33	-87.7	2.577	10.76	6.03
		07/24/23	7.23	0.64	-162.2	2.813	15.49	22.96
		10/18/23	7.31	0.06	-153.7	2.944	14.48	29.82
		01/22/24	7.39	2.73	-44.8	2.035	9.77	21.35

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2111	12/11/20	6.82	NM	82.4	1.726	12.50	10.77
		04/08/21	6.87	1.11	105.8	1.723	10.47	2.85
		02/24/22	7.15	0.03	-167.9	5.040	8.59	304.24
		03/23/22	8.63	0.05	-206.2	2.439	9.75	72.26
		04/26/22	8.07	NM	-124.4	4.269	8.91	11.33
		07/27/22	6.89	0.04	-197.0	2.917	16.55	231.53
		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
		04/26/23	7.86	0.24	-313.2	3.742	10.38	1066.00
		07/27/23	7.25	3.30	-234.5	2.910	22.00	16.46
		10/18/23	6.91	0.11	-236.4	2.813	18.03	3.54
		01/22/24	7.61	0.23	-128.9	3.127	8.33	61.91
1	PZ-2111	12/11/20	7.13	NM	113.6	1.201	13.06	23.71
		04/08/21	7.88	4.13	108.9	1.043	11.79	3.00
		02/23/22	7.05	0.02	-157.7	6.738	10.01	267.18
		03/23/22	7.64	0.12	-129.5	6.952	10.40	31.67
		04/26/22	6.61	NM	55.2	6.989	10.19	37.92
		07/27/22	6.95	0.04	-191.8	6.796	15.86	848.38
		10/27/22	6.63	0.06	-171.3	5.113	14.22	449.36
		01/25/23	8.07	0.20	-322.3	5.187	6.83	67.06
		04/26/23	6.71	0.11	-157.8	5.341	11.09	8.48
		07/27/23	6.65	0.37	-203.1	4.245	17.36	25.80
		10/18/23	6.86	0.04	-238.5	4.309	18.03	21.04
		01/22/24	6.67	0.11	-52.2	3.514	8.48	97.14
1	MW-2112	12/15/20	6.87	NM	-54.3	1.316	11.03	5.70
		04/08/21	6.92	0.19	-42.2	1.254	11.14	123.28
		02/22/22	6.85	0.26	-142.5	1.344	6.00	6.58
		03/21/22	7.24	0.09	92.4	1.576	9.94	3.55
		04/26/22	7.67	NM	-196.5	1.325	7.80	14.78
		07/25/22	7.12	0.06	-150.3	1.524	15.54	9.04
		10/27/22	7.24	0.06	-268.0	1.101	15.65	17.66
		01/24/23	7.31	0.05	-107.0	2.053	8.02	44.80
		04/25/23	7.51	0.04	-413.6	1.557	10.25	48.13
		07/26/23	7.23	0.10	-269.5	1.477	16.58	6.47
		10/18/23	6.99	0.04	-202.7	1.172	17.23	14.39
			6.99	0.04	-202.7	1.172	17.23	14.39
1	PZ-2112	12/15/20	8.26	7.18	238.4	2.702	11.20	0.00
		04/08/21	7.38	4.74	98.4	2.097	12.80	5.94
		02/22/22	7.11	3.15	-112.3	0.785	4.38	0.26
		03/21/22	7.41	0.25	125.8	1.577	11.40	4.49
		04/26/22	7.28	0.25	175.0	1.478	8.31	0.94
		07/25/22	7.18	0.10	-187.3	1.665	13.97	5.00
		10/27/22	7.35	0.05	-284.8	1.303	15.01	115.61
		01/24/23	7.50	0.15	-75.8	2.324	7.73	38.06
		04/25/23	7.52	0.13	-189.5	1.635	10.61	56.81
		07/26/23	7.39	0.45	-238.2	1.512	15.94	158.62
		10/18/23	7.33	0.07	-198.2	1.738	14.59	37.35
		01/23/24	7.52	0.24	-102.7	1.836	8.38	64.38

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-2113	12/14/20	6.94	NM	-54.8	1.363	10.90	24.95
		04/08/21	7.04	0.12	-83.1	1.228	10.06	4.03
		02/23/22	7.33	0.23	-63.2	1.472	5.27	21.83
		03/22/22	7.13	0.14	-187.6	2.391	8.40	2.55
		04/26/22	7.50	NM	-165.1	2.040	8.98	13.68
		07/27/22	6.90	0.01	-201.1	1.421	17.52	33.93
		10/27/22	6.86	NM	-122.5	1.650	15.85	2.48
		01/22/23	8.21	1.40	-98.2	2.201	7.19	5.08
		04/26/23	7.36	0.30	-198.6	1.920	9.66	28.00
		07/26/23	7.24	0.14	-190.1	1.379	16.93	0.42
		10/17/23	6.99	0.42	-94.3	2.835	16.41	58.92
		01/23/24	7.24	0.09	-190.0	2.475	9.60	7.44
1	PZ-2113	12/14/20	7.05	NM	239.0	1.982	10.89	3.96
		04/09/21	7.09	1.18	66.9	1.875	10.78	NM
		02/24/22	7.30	0.16	-131.1	3.276	6.57	9.13
		03/23/22	8.15	0.10	-159.4	3.727	9.66	6.21
		04/26/22	6.48	1.14	149.6	2.909	9.04	14.97
		07/27/22	7.08	0.00	-206.5	3.791	17.63	23.42
		10/27/22	6.93	NM	-241.1	3.044	15.03	77.50
		01/25/23	8.94	0.21	-321.9	3.140	6.74	46.07
		04/26/23	7.21	0.08	-232.4	3.089	10.83	26.55
		07/26/23	7.51	0.10	-274.7	3.124	16.53	7.96
		10/17/23	7.29	0.09	-240.6	2.791	16.19	140.50
		01/23/24	6.97	0.12	-165.0	3.012	9.68	7.36
1	MW-2114	12/14/20	7.23	NM	-71.3	1.025	10.48	61.21
		04/07/21	7.03	0.12	-82.9	1.008	13.03	5.70
		02/21/22	6.96	0.23	-80.4	1.113	7.83	463.05
		03/21/22	7.00	0.10	79.0	1.098	10.22	16.73
		04/26/22	7.79	NM	-27.2	1.744	8.10	1.20
		07/25/22	6.97	0.04	-124.8	1.391	15.33	14.24
		10/24/22	7.40	0.06	-224.9	1.433	16.90	12.66
		01/24/23	7.35	0.04	-76.4	2.629	9.43	57.12
		04/26/23	7.27	0.11	-214.5	1.827	9.04	5.80
		07/24/23	6.90	0.79	-238.7	1.455	19.51	5.28
		10/16/23	6.93	0.08	-220.8	2.184	14.89	21.08
		01/22/24	7.05	0.06	-144.6	7.717	8.93	8.09
1	PZ-2114	12/14/20	7.63	NM	75.1	1.057	11.58	3.57
		04/07/21	7.69	2.89	-2.1	0.947	17.19	2.95
		02/21/22	7.20	1.92	191.2	0.669	7.59	3.16
		03/21/22	7.53	NM	71.3	0.741	11.89	18.47
		04/26/22	7.58	2.02	182.3	1.026	8.08	0.00
		07/25/22	7.51	0.86	-50.6	1.137	15.11	17.15
		10/24/22	7.74	0.36	-152.5	1.272	16.07	6.84
		01/24/23	7.82	2.13	-8.6	1.746	10.34	70.96
		04/26/23	7.68	2.40	140.9	1.246	9.79	140.90
		07/24/23	7.40	1.06	-116.3	1.187	16.61	41.07
		10/16/23	7.61	0.24	-168.0	1.142	14.14	12.54
		01/22/24	7.73	2.80	-25.9	1.110	9.95	2.18

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
1	MW-61	12/11/20	8.03	0.10	-105.0	1.457	12.84	0.32
		04/08/21	7.22	0.24	-89.1	1.524	10.55	23.04
		02/23/22	7.40	0.39	-6.6	0.303	6.80	76.64
		03/22/22	7.47	0.16	-151.9	1.750	9.23	11.65
		04/27/22	7.21	0.72	210.2	0.883	9.94	22.68
		07/25/22	6.96	0.17	-93.2	2.927	14.26	11.48
		10/27/22	7.13	NM	-210.9	1.325	14.70	5.97
		01/24/23	8.35	0.39	-119.9	1.308	10.01	1.20
		04/26/23	7.40	0.19	-256.8	1.421	10.62	33.81
		07/26/23	7.23	0.16	-204.7	1.636	14.97	109.60
		10/19/23	7.11	0.00	-229.7	1.618	14.62	9.17
1	PZ-61	12/11/20	7.74	2.00	-120.9	4.355	10.83	54.19
		04/07/21	6.69	2.92	-98.7	2.265	13.07	171.07
		02/21/22	7.25	0.13	15.8	0.425	8.69	30.02
		03/21/22	6.41	0.12	9.1	2.680	13.68	97.38
		04/27/22	6.54	NM	9.5	2.116	9.53	58.64
		07/25/22	6.06	0.14	-92.7	3.939	13.86	132.71
		07/26/22	6.06	0.14	-92.7	3.939	13.86	132.71
		10/27/22	6.48	NM	-149.6	2.552	13.5	73.18
		01/24/23	7.92	0.30	-133.8	2.762	10.3	108.86
		04/26/23	6.57	0.13	-231.2	1.068	11.3	107.85
		07/26/23	6.62	0.19	-173.9	2.553	15.1	152.19
		10/19/23	6.68	0.15	-193.1	3.344	14.4	41.11

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

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	MW-31	05/16/18	7.06	6.82	37.3	1.473	13.58	NM
		10/18/18	6.91	2.37	42.4	1.879	15.09	NM
		04/16/19	6.81	0.33	150.3	1.924	12.89	NM
		10/09/19	6.79	4.16	39.0	1.340	17.09	NM
		04/15/20	6.76	4.36	261.0	1.569	7.20	NM
		11/04/20	6.95	0.22	49.1	1.147	16.47	NM
		12/10/20	6.98	10.62	224.7	0.480	12.59	0.00
		04/09/21	6.81	2.21	185.1	1.158	10.18	NM
		12/30/21	7.58	0.49	-59.00	4.028	11.06	15.83
		01/31/22	7.47	0.13	-91.60	1.445	9.56	13.21
		02/28/22	7.83	0.15	-97.1	1.735	8.00	5.73
		04/26/22	9.40	0.02	-1727.4	1.572	12.11	36.15
		07/26/22	6.95	0.00	-116.7	1.753	15.02	75.49
		10/26/22	7.25	0.10	-164.5	2.019	13.00	6.99
		01/24/23	7.54	0.00	-208.1	1.765	8.73	11.42
		04/25/23	7.59	1.17	-236.7	1.669	8.96	45.12
		07/25/23	7.24	0.07	-287.1	1.383	18.42	93.65
		10/17/23	7.03	0.29	-237.6	1.714	13.77	40.74
		01/22/24	7.20	0.05	-55.2	1.511	8.21	25.25
2	MW-113	05/16/18	7.25	6.33	37.3	1.144	11.10	NM
		10/18/18	7.85	0.44	73.6	1.449	15.44	NM
		04/16/19	7.16	3.07	170.1	1.939	11.00	NM
		10/09/19	7.11	1.14	32.6	1.681	16.70	NM
		04/15/20	7.13	1.96	213.4	1.756	9.17	NM
		11/04/20	7.12	0.97	57.7	1.831	18.66	NM
		12/10/20	6.86	7.46	238.6	2.743	12.28	14.20
		04/05/21	7.31	2.44	137.9	1.578	11.85	NM
		12/30/21	NM	NM	NM	NM	NM	NM
		01/31/22	NM	NM	NM	NM	NM	NM
		02/28/22	NM	NM	NM	NM	NM	NM
		04/26/22	8.24	8.72	-500.2	2.474	11.40	0.00
		07/26/22	6.75	0.54	47.4	2.696	17.04	18.24
		10/26/22	7.13	0.68	-110.3	3.720	14.00	6.30
		01/24/23	7.50	2.27	-54.3	3.900	9.84	0.00
		04/25/23	7.08	6.00	-85.5	2.317	8.49	0.77
		07/27/23	7.05	0.48	-28.6	3.398	15.79	8.67
		10/18/23	6.92	5.26	-102.4	2.583	17.11	23.99
		01/24/24	7.35	6.31	221.4	3.753	9.01	2.93
2	MW-114	05/16/18	7.30	NM	-36.5	1.102	11.99	NM
		10/17/18	7.16	0.20	-109.6	1.115	14.22	NM
		04/16/19	7.09	0.14	-79.6	1.041	9.66	NM
		10/09/19	6.93	1.93	-9.4	1.103	16.84	NM
		04/15/20	7.38	0.19	-76.7	1.048	7.44	NM
		11/04/20	7.17	NM	-77.1	0.994	15.72	NM
		12/10/20	7.22	0.09	-96.0	1.065	12.98	3.30
		04/05/21	7.22	0.43	-93.3	1.044	12.16	NM
		12/30/21	7.39	0.29	79.40	2.392	11.71	103.94
		01/31/22	7.61	9.81	-72.70	1.600	7.29	5.03
		02/28/22	7.32	0.22	-8.1	1.173	9.21	9.32

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	MW-114	04/25/22	8.78	0.09	-1612.9	1.251	12.48	72.36
		07/26/22	6.86	0.00	-175.9	1.422	16.60	41.22
		10/26/22	7.26	0.31	-272.4	1.383	13.80	7.60
		01/24/23	7.82	0.14	-174.6	1.445	9.25	38.60
		04/25/23	7.23	0.16	-293.7	1.196	8.40	65.29
		07/26/23	7.26	0.13	-214.4	1.368	18.67	16.92
		10/18/23	7.15	0.12	-207.4	1.365	20.29	32.53
		01/23/24	7.55	0.34	-92.1	1.486	7.20	31.38
2	PZ-118	05/16/18	7.12	0.88	-59.9	1.292	12.79	NM
		10/17/18	7.40	0.19	-37.8	1.714	14.34	NM
		04/17/19	6.99	1.39	33.9	1.742	8.81	NM
		10/09/19	6.97	0.09	-12.6	1.655	15.62	NM
		04/15/20	6.86	0.15	65.5	2.120	8.38	NM
		11/04/20	7.03	0.09	-75.4	1.657	17.37	NM
		12/10/20	6.84	0.02	-66.3	1.840	13.39	8.01
		04/05/21	7.03	10.77	189.1	2.650	11.33	NM
		12/30/21	7.22	0.89	138.20	3.930	11.49	6.45
		01/31/22	7.26	0.58	-61.6	1.641	9.93	2.25
		02/28/22	7.23	1.46	-54.0	4.407	13.02	86.27
		04/26/22	8.34	0.05	-1298.5	2.474	11.54	20.82
		07/26/22	6.79	0.00	-64.4	1.883	14.72	24.72
		10/26/22	7.25	0.53	-208.3	1.868	13.60	8.60
		01/24/23	7.85	5.59	-92.0	1.258	9.30	16.53
		04/25/23	7.52	0.13	-194.4	1.747	8.28	19.30
		07/26/23	7.19	0.02	-248.0	1.397	14.76	12.24
		10/18/23	7.19	0.07	-214.2	1.523	19.94	5.25
		01/23/24	7.53	1.59	0.5	1.614	8.42	17.38
2	MW-2201	12/09/20	7.06	NM	-134.6	1.165	12.70	334.24
		04/09/21	6.77	5.58	151.2	1.250	9.51	0.00
		12/30/21	7.60	0.14	-22.00	3.071	11.31	0.00
		01/31/22	7.66	0.14	-50.4	1.017	9.04	1.45
		02/28/22	7.66	0.21	-97.2	1.241	9.93	7.96
		04/26/22	8.22	0.15	-1226.4	1.401	11.59	12.12
		07/26/22	6.78	0.00	-176.5	1.264	14.68	22.05
		10/26/22	7.63	0.06	-244.1	1.609	13.67	7.64
		01/24/23	7.33	0.76	-116.1	2.254	8.89	23.49
		04/25/23	7.17	0.13	-164.1	1.196	8.06	47.11
		07/25/23	7.30	0.39	-272.2	1.210	15.15	29.22
		10/17/23	7.04	0.30	-176.2	1.600	14.87	43.60
		01/22/24	7.33	2.07	-38.3	1.265	8.28	18.59
2	MW-2202	12/08/20	7.04	0.55	-56.3	1.171	11.72	0.27
		04/09/21	6.30	3.47	67.1	1.173	10.27	0.00
		12/30/21	6.94	2.09	199.70	3.659	7.58	65.46
		01/31/22	7.39	0.23	152.1	1.721	7.34	27.19
		02/28/22	7.78	0.15	-123.0	1.728	8.16	22.67
		04/26/22	7.40	0.12	-1089.2	1.148	12.89	2.02
		07/26/22	6.86	0.15	-95.8	1.571	15.61	6.40
		10/26/22	6.88	0.07	-244.9	1.726	13.07	10.46
		01/24/23	7.23	0.03	-104.2	1.825	7.88	0.00
		04/24/23	7.39	0.18	-190.1	1.126	10.10	119.57
		07/25/23	6.90	0.03	-261.2	1.103	15.79	59.76
		10/17/23	6.94	0.00	-164.7	1.473	15.68	7.09
		01/22/24	7.15	0.32	76.6	1.123	5.75	75.62

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
2	PZ-2202	12/08/20	7.13	0.62	-60.2	1.431	11.67	11.63
		04/09/21	7.30	4.04	48.3	1.570	11.72	7.03
		12/30/21	6.57	0.11	147.70	3.897	10.47	69.32
		01/31/22	6.88	0.11	90.7	2.004	9.77	30.35
		02/28/22	6.94	0.12	-76.5	2.253	9.04	9.26
		04/26/22	3.96	0.03	-1159.3	2.212	13.50	93.04
		07/26/22	6.32	0.02	-76.9	2.191	17.36	94.44
		10/26/22	6.30	0.09	-169.2	2.399	12.46	10.57
		01/24/23	6.59	0.16	-141.8	2.066	8.27	171.81
		04/24/23	7.03	0.16	-229.3	1.927	10.18	128.57
		07/25/23	7.21	6.62	-261.9	1.600	25.35	328.11
		10/17/23	6.85	0.05	-193.6	2.185	15.47	47.94
		01/22/24	7.00	0.18	16.9	1.990	5.75	136.78
2	MW-2203	12/08/20	6.90	0.55	3.6	1.252	12.12	3.14
		04/09/21	7.40	3.50	161.5	1.181	10.57	3.99
		12/30/21	7.17	0.43	167.00	2.807	8.98	0.00
		01/31/22	7.37	0.37	193.3	1.129	10.34	0.09
		02/28/22	7.99	3.38	215.2	1.302	7.66	0.23
		04/26/22	9.27	0.51	-594.2	1.343	11.49	5.28
		07/26/22	6.85	0.14	111.5	1.451	13.67	1.24
		10/26/22	7.02	0.12	58.7	1.571	13.71	2.21
		01/24/23	7.45	0.54	29.4	1.282	8.23	0.00
		04/24/23	7.94	2.71	-64.1	1.161	11.31	0.11
		07/25/23	7.54	0.19	69.8	1.099	15.26	92.16
		10/17/23	7.17	0.49	128.9	1.369	13.73	0.00
		01/22/24	7.49	2.60	81.7	1.197	8.23	0.84
2	PZ-2203	12/08/20	7.38	5.67	217.1	1.352	11.56	0.00
		04/09/21	7.25	5.13	181.6	1.278	11.43	1.64
		12/30/21	7.51	1.60	146.20	2.603	9.89	13.94
		01/31/22	7.45	6.20	194.1	1.118	8.05	0.00
		02/28/22	7.91	2.75	208.4	1.307	7.37	0.00
		04/26/22	9.80	1.69	-558.8	1.224	12.60	2.56
		07/26/22	7.32	0.13	99.6	1.320	14.80	113.39
		10/26/22	7.37	0.14	8.4	1.471	12.31	107.92
		01/24/23	7.76	3.85	39.8	1.023	9.60	0.00
		04/24/23	7.37	0.89	-21.9	1.295	9.34	0.00
		07/25/23	7.12	0.21	140.1	1.282	16.98	43.24
		10/17/23	7.49	0.16	-117.5	1.269	12.43	4.66
		01/22/24	7.75	3.10	86.2	1.105	9.70	1,46

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

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
3	MW-2301	12/15/20	6.83	NM	-1.5	0.986	12.08	12.34
		04/09/21	6.80	0.00	-41.3	162.4	8.80	NM
		11/20/21	7.46	0.11	-273.2	3.556	12.71	263.24
		12/22/21	7.83	0.09	-242.4	1.416	9.49	4.53
		01/24/22	8.00	0.06	122.1	1.214	10.56	67.17
		04/26/22	7.78	0.04	-126.8	1.141	8.14	1.47
		07/26/22	7.93	0.06	-207.2	0.329	15.33	529.50
		10/26/22	6.45	NM	-8.9	1.108	14.09	22.93
		01/23/23	7.83	0.25	-224	1.023	7.54	54.05
		04/24/23	7.89	0.17	-288.3	1.058	9.75	98.13
		07/24/23	6.82	0.41	-232.5	0.729	16.97	54.8
		10/18/23	6.85	0.09	-203.4	0.896	18.68	41.1
		01/22/24	8.47	0.34	-265.1	0.787	7.97	30.32
3	PZ-2301	12/07/20	7.10	NM	8.7	1.204	11.64	42.15
		04/09/21	7.21	11.37	-24.2	28.290	8.12	NM
		11/20/21	7.56	0.23	-263.8	2.056	11.44	103.54
		12/22/21	7.79	0.09	-247.0	1.080	9.69	16.51
		01/24/22	8.17	0.04	77.7	0.768	9.58	18.94
		04/26/22	9.38	0.07	-170.0	0.724	10.01	15.69
		07/27/22	9.53	0.13	-104.2	0.413	18.06	31.55
		10/26/22	10.23	NM	-198.7	0.972	12.68	4.99
		01/23/23	10.84	0.32	-228.0	0.727	7.23	2.85
		07/24/23	10.47	0.49	-342.8	0.463	15.49	21.16
		10/18/23	10.67	0.05	-365.4	0.409	18.46	5.84
		01/22/24	10.18	0.45	-285.2	0.466	7.08	34.56
3	MW-2302	12/07/20	7.71	NM	-159.9	1.615	11.95	0.00
		04/09/21	6.77	3.47	-2.5	5.300	9.99	NM
		11/20/21	7.72	0.16	-218.4	2.304	12.77	3.20
		12/22/21	7.32	0.12	-99.4	1.977	9.29	2.00
		01/24/22	7.64	0.10	235.0	1.865	8.40	18.09
		04/27/22	7.66	6.05	29.6	1.911	6.74	0.50
		07/26/22	8.06	0.09	-190.9	2.002	15.16	27.49
		10/26/22	7.73	NM	-254.7	4.957	13.32	0.00
		01/23/23	7.47	0.32	-79.4	2.054	7.81	0.00
		04/24/23	7.63	0.32	-277.1	2.360	9.78	0.14
		07/24/23	7.55	0.03	-412.6	2.198	15.89	8.83
		10/18/23	7.16	0.04	-140.5	1.288	18.72	0.47
		01/22/24	7.92	0.21	-277.1	1.716	7.26	10.11
3	PZ-2302	12/07/20	6.97	NM	-46.0	2.612	12.16	54.12
		04/09/21	7.59	1.56	-52.0	20.570	7.92	NM
		11/20/21	7.20	0.15	-162.9	2.555	12.17	0.00
		12/22/21	7.05	0.35	-84.7	2.137	9.44	0.00
		01/24/22	7.47	0.86	264.2	2.049	9.34	2.17
		04/27/22	7.37	0.25	16.1	3.164	8.31	0.29
		07/26/22	7.04	0.23	-75.5	1.705	15.40	5.89
		10/26/22	7.07	0.40	-85.7	4.657	12.89	0.00
		01/23/23	7.46	1.06	-70.4	2.577	10.36	0.00
		04/24/23	7.73	1.05	142.8	2.165	10.42	0.00
		07/24/23	7.15	0.08	-326.2	2.076	14.79	14.51
		10/18/23	7.23	0.02	-162.9	2.104	17.76	0.66
		01/22/24	7.72	0.37	-103.7	2.329	8.69	0.00

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
3	MW-2303	12/08/20	7.19	NM	58.5	1.202	10.78	2195.60
		04/09/21	7.52	18.48	-47.8	27.920	9.80	NM
		11/20/21	7.46	0.20	-228.4	1.266	12.37	39.39
		12/22/21	6.80	0.46	-124.8	1.750	8.04	134.92
		01/24/22	7.76	0.22	248.8	0.666	8.76	23.24
		04/27/22	7.37	0.19	-76.1	2.623	7.89	9.46
		07/26/22	7.40	0.20	-138.3	1.020	17.39	3.48
		10/26/22	7.64	0.22	-153.3	2.244	13.74	0.40
		01/23/23	7.99	0.69	-142.5	1.491	5.84	0.09
		04/24/23	7.83	0.11	-295.3	1.931	9.58	0.60
		07/24/23	7.28	0.24	-264.3	1.913	15.34	7.45
		10/18/23	7.40	0.03	-251.0	1.397	19.17	2.65
		01/22/24	7.97	0.42	-134.9	1.646	6.98	0.20
3	PZ-2303	12/08/20	6.78	NM	-30.4	1.355	11.82	10.75
		04/09/21	7.00	17.63	-22.3	27.910	9.90	NM
		11/20/21	6.96	0.15	-220.5	2.827	13.47	1.22
		12/22/21	6.91	0.78	-183.6	2.579	7.23	8.70
		01/24/22	7.32	0.13	258.5	1.430	8.99	0.00
		04/27/22	7.09	0.15	-13.2	3.717	8.35	3.74
		07/26/22	6.85	0.12	-129.9	125.51	16.54	19.79
		10/26/22	7.21	NM	-280.2	4.20	13.88	43.58
		01/23/23	7.68	0.49	-140.0	2.10	7.47	0.36
		04/24/23	7.60	0.16	-239.9	1.93	11.28	19.90
		07/24/23	7.23	0.12	-230.1	1.98	15.34	15.45
		10/18/23	7.24	0.00	-228.3	1.88	18.58	7.69
		01/22/24	7.74	0.18	-134.3	2.14	8.29	0.01

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

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-44	05/17/18	7.13	1.98	25.0	2.627	12.28	NM
		10/18/18	7.22	0.87	63.9	5.294	17.35	NM
		04/16/19	6.86	1.13	176.4	4.491	11.21	NM
		10/09/19	7.01	4.75	266.9	3.664	17.55	NM
		04/15/20	7.03	2.65	114.8	4.406	8.47	NM
		11/04/20	7.07	NM	188.9	2.763	15.81	NM
		12/10/20	7.17	NM	163.8	2.242	13.00	21.71
		04/09/21	6.54	7.08	-2.2	88.010	8.87	NM
		12/08/21	7.18	0.47	-34.3	2.563	12.33	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	7.15	0.99	55.1	2.512	8.40	9.87
		04/25/22	7.64	2.05	102.8	4.034	9.73	0.77
		07/26/22	6.68	NM	176.3	4.181	17.68	0.00
		10/25/22	7.16	0.38	15.8	3.374	16.60	0.00
		01/25/23	7.83	0.72	59.2	2.744	10.06	0.00
		04/25/23	7.17	3.47	83.2	5.365	8.76	0.87
		07/25/23	6.69	0.37	-8.4	4.703	17.78	7.92
		10/17/23	6.91	0.30	3.4	3.352	17.28	0.27
		01/24/24	7.36	3.96	213.8	6.123	9.80	1.46
4	MW-65	5/21/2012	7.13	0.25	-92.9	3.763	12.07	NM
		5/27/2014	6.93	0.14	26.6	2.692	12.53	NM
		9/30/2014	6.91	0.67	-45.0	2.615	13.87	NM
		12/8/2014	7.13	0.38	-71.6	2.533	11.86	NM
		3/25/2015	7.06	0.26	-46.5	2.842	7.96	NM
		12/10/20	6.93	NM	-37.7	4.430	13.00	146.33
		04/09/21	6.73	0.24	-38.1	2.356	11.22	NM
		12/08/21	8.23	0.03	-370.7	4.459	10.40	39.07
		01/11/22	7.44	0.22	223.1	3.398	10.38	0.00
		02/07/22	7.48	0.18	-165.8	3.591	7.86	2.21
		04/25/22	7.00	0.07	-78.1	3.564	9.79	1.03
		07/26/22	6.77	0.04	75.4	3.696	14.55	0.00
		10/25/22	7.14	0.06	-157.3	4.602	14.27	3.60
		01/25/23	7.62	0.00	-45.5	4.421	9.39	2.28
4	MW-65R	04/25/23	7.07	0.28	-235.5	3.170	8.91	13.48
		07/24/23	6.88	0.52	-239.0	3.954	14.49	2.97
		10/17/23	6.83	0.35	-142.7	3.000	14.25	10.94
		01/23/24	7.01	0.34	114.7	2.016	8.03	35.45
4	MW-108	05/17/18	6.97	4.42	108.9	3.831	12.57	NM
		10/17/18	7.08	0.64	43.7	3.751	16.91	NM
		04/16/19	6.90	6.00	170.5	4.499	13.09	NM
		10/09/19	7.03	0.21	232.3	3.335	16.89	NM
		04/14/20	7.00	3.09	97.9	5.294	7.94	NM
		11/04/20	6.90	NM	184.3	3.886	15.13	NM
		12/10/20	6.93	NM	172.0	4.652	12.64	1.69
		04/09/21	8.55	6.57	-97.5	41.070	9.10	NM
		12/08/21	6.80	0.98	-40.9	14.170	11.87	0.00
		01/11/22	NM	NM	NM	NM	NM	NM
		02/07/22	6.82	4.20	68.6	12.556	6.16	0.00
		04/25/22	6.69	7.00	108.0	12.487	9.47	33.37
		07/26/22	6.87	2.04	66.8	10.694	23.51	709.54
		10/25/22	6.91	0.31	29.6	10.084	16.44	3.08
		01/25/23	6.79	7.69	93.7	9.510	7.17	2.62
		04/25/23	7.06	7.62	97.9	9.103	8.47	6.14
		10/17/23	7.06	5.69	NM	6.250	17.54	6.31
		01/24/24	7.36	8.46	232.0	9.049	7.89	6.63

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-79	5/19/2018	7.13	0.29	-54.6	3.572	14.61	NM
		10/18/2018	6.84	0.27	-109.3	6.524	19.15	NM
		4/17/2019	8.07	0.27	-34.1	5.119	11.31	NM
		10/9/2019	6.88	0.13	-86.3	7.857	20.57	NM
		4/15/2020	6.96	0.52	-40.0	7.525	11.09	NM
		11/4/2020	6.91	0.07	-93.6	7.250	20.22	NM
		4/5/2021	6.98	10.18	171.7	0.809	13.74	NM
		12/08/21	7.16	0.15	-123.4	9.175	15.35	3.13
		01/11/22	7.02	0.22	314.8	7.738	11.28	7.19
		02/07/22	7.15	0.22	-93.0	7.580	11.47	14.74
		04/25/22	7.65	0.07	-990.4	8.514	15.12	13.08
		7/26/2022	6.96	0.08	127.3	7.831	19.48	0.35
		10/25/2022	7.09	9.71	-94.4	0.205	17.30	3.96
		1/25/2023	7.74	0.16	-48.1	8.361	10.83	6.25
		4/25/2023	7.17	0.14	-159.5	6.865	11.98	2.44
		7/25/2023	7.04	0.29	-207.1	6.171	18.71	5.62
		10/17/2023	7.29	0.23	-186.5	5.158	18.15	0.21
		1/24/2024	7.13	0.12	-28.5	6.195	13.02	10.23
4	MW-80	5/19/2018	7.51	0.15	-83.2	0.182	14.27	NM
		10/18/2018	7.90	0.16	-102.7	2.562	19.61	NM
		4/17/2019	7.02	1.17	-76.3	3.184	11.47	NM
		10/9/2019	7.15	0.18	-125.2	2.791	21.69	NM
		4/15/2020	6.97	0.15	-78.9	4.849	10.12	NM
		11/4/2020	7.03	NM	-122.2	2.347	19.82	NM
		4/5/2021	6.94	10.23	94.4	3.480	13.08	NM
		12/08/21	7.26	0.13	-139.6	3.307	14.82	78.22
		01/11/22	7.21	0.29	327.2	2.274	9.25	16.73
		02/07/22	7.01	0.18	-107.1	2.779	9.92	22.73
		04/25/22	7.09	1.86	-27.1	0.372	11.30	33.71
		7/26/2022	7.27	0.19	-128.4	3.170	21.44	169.12
		10/25/2022	6.97	7.09	4.0	3.051	16.78	79.83
		1/25/2023	7.95	0.05	-69.5	3.453	9.29	20.04
		4/25/2023	7.22	0.12	-220.6	4.187	11.05	39.93
		7/25/2023	7.04	0.13	-218.0	3.665	20.17	9.51
		10/17/2023	7.30	0.27	-201.4	3.262	19.32	10.08
		1/24/2024	7.19	0.06	-82.3	3.479	11.30	14.86
4	MW-81	5/19/2018	7.02	0.38	-47.4	2.558	14.73	NM
		10/18/2018	6.83	0.20	-117.9	3.118	19.42	NM
		4/17/2019	6.76	0.09	-55.5	2.977	11.13	NM
		11/4/2020	7.07	NM	188.9	2.763	15.81	NM
		10/9/2019	6.93	0.12	-103.2	3.085	20.47	NM
		4/15/2020	6.80	0.11	-48.2	3.741	9.72	NM
		11/4/2020	6.76	NM	-90.5	3.080	18.99	NM
		4/5/2021	6.72	4.53	116.1	0.889	14.09	NM
		12/08/21	7.01	0.12	-136.9	3.850	15.19	0.63
		01/11/22	6.06	10.96	385.9	0.007	12.76	0.28
		02/07/22	6.99	0.28	-38.0	3.175	10.54	59.52
		04/25/22	6.67	0.24	-19.7	4.069	11.81	14.70
		7/26/2022	6.94	0.24	-82.4	4.567	19.72	85.57
		10/25/2022	6.90	NM	-126.9	4.343	18.87	156.13
		1/25/2023	7.61	0.07	-39.4	5.389	11.10	29.93
		4/25/2023	7.03	0.11	-184.5	5.369	11.09	26.03
		7/25/2023	6.86	0.23	-174.5	4.581	18.95	25.14
		10/17/2023	7.07	0.33	-171.2	3.993	18.23	7.15
		1/24/2024	6.99	0.15	-73.7	4.661	11.92	12.36

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

Treatment Area	Well Name	Sample Date	pH (pH units)	Dissolved Oxygen (mg/L)	ORP (mV)	Conductivity (mS/cm)	Temperature (°C)	Turbidity (ntu)
4	MW-82	5/19/2018	7.25	0.23	-67.9	3.011	14.82	NM
		10/18/2018	7.83	0.21	-89.6	3.824	21.28	NM
		4/17/2019	8.80	0.10	-50.1	2.982	11.49	NM
		10/9/2019	7.03	0.09	-107.1	4.025	21.30	NM
		4/15/2020	7.13	0.16	-64.2	4.154	10.92	NM
		11/4/2020	7.05	0.08	-116.4	3.136	21.02	NM
		4/5/2021	6.83	9.69	100.4	2.490	14.66	NM
		12/08/21	6.89	0.17	-188.5	5.698	14.13	65.11
		01/11/22	7.07	0.46	388.3	2.910	11.78	14.24
		02/07/22	7.50	0.33	-182.8	1.749	9.86	78.12
		04/25/22	NM	0.00	-1781.7	1.196	16.74	299.44
		7/26/2022	7.62	NM	-12.2	1.178	24.30	110.21
		10/25/2022	7.60	0.36	-149.3	0.698	19.64	332.51
		1/24/2023	8.41	0.00	-251.8	1.932	11.35	316.78
		4/25/2023	8.69	0.22	-315.1	3.401	12.99	65.93
		7/25/2023	8.16	0.16	-216.0	1.036	21.98	126.35
		10/17/2023	7.72	0.58	-239.2	0.499	19.34	51.21
		1/24/2024	7.81	0.90	-120.4	9.240	11.87	139.70
4	PZ-82	10/7/2021	8.09	8.97	-84.6	8.480	20.16	0.87
		12/8/2021	6.84	0.31	-92.1	3.323	10.72	207.99
		1/12/2022	7.64	0.16	58.2	2.263	13.58	250.42
		2/7/2022	6.93	0.42	-134.3	1.710	10.08	125.53
		4/25/2022	9.05	0.03	-1548.1	1.507	16.69	280.53
		7/26/2022	7.20	NM	-29.9	1.107	22.27	256.84
		10/25/2022	7.53	0.01	-201.6	0.968	17.70	0.00
		1/25/2023	8.22	0.01	-60.9	0.851	11.98	NM
		4/25/2023	7.56	0.14	-172.5	0.680	13.85	307.54
		7/25/2023	7.39	0.26	-218.1	0.709	19.78	328.41
		10/17/2023	7.56	0.1	-247.6	0.705	17.52	230.94
		1/24/2024	7.28	0.35	-53.6	0.694	13.01	267.62

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

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2101	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	*19.0*
1	MW-2101	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.70 J
1	MW-2101	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*7.6*
1	MW-2101	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	6.0
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	2.7
1	MW-2101	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2101	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.41 J	< 0.42	< 1.4	< 1.2	< 0.47
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	< 0.47
1	MW-2101	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.73* J	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2101	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.1*	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2101	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.1*	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2101	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.0*	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2101	12/9/2020	< 136	< 122	< 140	< 420	< 437	< 353	< 314	< 123	< 182	< 671	< 637	**17600**
1	PZ-2101	4/9/2021	< 148	< 291	< 146	< 224	< 179	< 163	< 176	< 148	< 208	< 690	< 591	**11700**
1	PZ-2101	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	**9410**
1	PZ-2101	3/23/2022	< 185	< 364	< 182	< 280	< 223	< 204	< 219	< 185	< 260	< 862	< 739	**13400**
1	PZ-2101	4/27/2022	< 29.6	**205**	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	**22000**
1	PZ-2101	7/26/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	**51200**
1	PZ-2101	10/27/2022	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	**60000**
1	PZ-2101	1/25/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 1180	**52900**
1	PZ-2101	4/26/2023	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 504	**31300**
1	PZ-2101	7/26/2023	< 73.9 UJ	**326 J-**	< 72.9 UJ	< 112 UJ	< 89.3 UJ	< 81.5 UJ	< 87.8 UJ	< 73.9 UJ	< 104 UJ	< 345 UJ	< 126 UJ	**29400 J-**
1	PZ-2101	10/19/2023	< 73.9 UJ	**248 J-**	< 72.9 UJ	< 112 UJ	< 89.3 UJ	< 81.5 UJ	< 87.8 UJ	< 73.9 UJ	< 104 UJ	< 345 UJ	< 126 UJ	**61700 J-**
1	PZ-2101	1/23/2024	< 296	< 582	< 292	< 449	< 357	< 326	< 351	< 295	< 415	< 1380	< 504	**87400**
1	MW-2102	12/15/2020	< 1.4	< 1.2	< 1.4	< 4.2	< 4.4	< 3.5	< 3.1	< 1.2	< 1.8	< 6.7	< 6.4	**317**
1	MW-2102	4/8/2021	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	**194**
1	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	**157**

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-2101	12/9/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	*0.74* J	**249**	< 1.5
1	MW-2101	4/8/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.35 J	**1.7**	< 1.0
1	MW-2101	2/22/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.45 J	< 0.17	< 1.0
1	MW-2101	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.34 J	**2.8**	< 1.0
1	MW-2101	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	7/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.24** J	< 1.0
1	MW-2101	10/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.44** J	< 1.0
1	MW-2101	1/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.38 J	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.56 J	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	7/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.74 J+	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.71 J	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2101	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.80 J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2101	12/9/2020	< 159	< 843	< 290	< 354	< 405	< 400	< 424	< 163	< 135	< 232	**40300**	**258** J	< 750
1	PZ-2101	4/9/2021	< 163	< 500	< 160	< 429	< 173	< 522	< 212	< 204	< 144	< 264	**24400**	**153** J	< 524
1	PZ-2101	2/24/2022	< 32.5	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	< 52.8	**11800**	**143**	< 105
1	PZ-2101	3/23/2022	< 203	< 625	< 200	< 536	< 216	< 652	< 265	< 255	< 180	< 330	**64200**	**134** J	< 655
1	PZ-2101	4/27/2022	< 32.5	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	**71.3** J	< 28.8	< 52.8	**92400**	**373**	< 105
1	PZ-2101	7/26/2022	< 325	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	**70300**	**2780**	< 1050
1	PZ-2101	10/27/2022	< 325	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	**77500**	**13700**	< 1050
1	PZ-2101	1/25/2023	< 325	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	**85100**	**21200**	< 1050
1	PZ-2101	4/26/2023	< 325	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	**57400**	**22300**	< 1050
1	PZ-2101	7/26/2023	< 81.3 UJ	< 250 UJ	< 79.9 UJ	< 214 UJ	< 86.3 UJ	< 261 UJ	< 106 UJ	< 102 UJ	< 72.0 UJ	< 132 UJ	**12100** J-	**14900** J-	< 262 UJ
1	PZ-2101	10/19/2023	< 81.3 UJ	< 250 UJ	< 79.9 UJ	< 214 UJ	< 86.3 UJ	< 261 UJ	< 106 UJ	< 102 UJ	< 72.0 UJ	< 132 UJ	**52000** J-	**23600** J-	< 262 UJ
1	PZ-2101	1/23/2024	< 325	< 1000	< 319	< 857	< 345	< 1040	< 424	< 409	< 288	< 528	**22900**	**23000**	< 1050
1	MW-2102	12/15/2020	< 1.6	< 8.4	< 2.9	< 3.5	< 4.1	< 4.0	< 4.2	< 1.6	< 1.3	2.5 J	< 1.3	**218**	< 7.5
1	MW-2102	4/8/2021	< 1.3	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	2.3 J	< 1.3	**222**	< 4.2
1	MW-2102	2/22/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	**151**	< 2.1

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-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	**220**
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	**85.9**
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	**327**
1	MW-2102	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	**192**
1	MW-2102	1/25/2023	0.30 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*10.9*
1	MW-2102	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	3.7
1	MW-2102	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.7
1	MW-2102	10/18/2023	0.97 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.51 J
1	MW-2102	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
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	**1390**
1	MW-2103	4/23/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**1280**
1	MW-2103	2/23/2022	< 3.0	**71.0**	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**10200**
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	**6810**
1	MW-2103	4/27/2022	< 5.9	**13.2** J	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**3330** J
1	MW-2103	7/26/2022	< 5.9	**24.1**	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**5770**
1	MW-2103	10/27/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	**329**
1	MW-2103	1/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**745**
1	MW-2103	4/26/2023	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 2.0	**359**
1	MW-2103	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	**88.2**
1	MW-2103	10/19/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	**170**
1	MW-2103	1/23/2024	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	**179**
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	**1500**
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	**1190**
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	**9210**
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	**6710**
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	**2280** J
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	**4960**
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	**353**
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	**632**
1	MW-2103 DUP	4/26/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	< 1.3	**300**

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-2102	3/22/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	1.3 J	< 0.64	**169**	< 2.1
1	MW-2102	4/27/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	*0.91* J	**76.0**	< 2.1
1	MW-2102	7/25/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	1.6 J	*0.87* J	**144**	< 2.1
1	MW-2102	10/27/2022	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	< 2.6 UJ	< 1.6	**60**	< 5.2
1	MW-2102	1/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**11.8**	< 1.0
1	MW-2102	4/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.9**	< 1.0
1	MW-2102	7/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.33 J	**4.8**	< 1.0
1	MW-2102	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.60* J	**2.2**	< 1.0
1	MW-2102	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.39 J	< 0.17	< 1.0
1	MW-2103	12/14/2020	< 1.6	< 8.4	< 2.9	< 3.5	< 4.1	< 4.0	< 4.2	< 1.6	< 1.3	*90.1*	**966**	**255**	< 7.5
1	MW-2103	4/23/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*75.3*	**429**	**284**	< 10.5
1	MW-2103	2/23/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	**126**	**257**	**238**	< 10.5
1	MW-2103	3/22/2022	< 32.5	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	**111**	< 32.0	**539**	< 105
1	MW-2103	4/27/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	*94.3* J	**7.2** J	**450**	< 21.0
1	MW-2103	7/26/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	*92.0* J	< 6.4	**1090**	< 21.0
1	MW-2103	10/27/2022	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	4.3 J-	< 1.6	**2180**	< 5.2
1	MW-2103	1/25/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	11.1	**10** J	**1230**	< 10.5
1	MW-2103	4/26/2023	< 1.3	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	6.1	**5.4**	**572**	< 4.2
1	MW-2103	7/26/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	**8.7** J	**526**	< 10.5
1	MW-2103	10/19/2023	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	**119**	**53.8**	< 2.1
1	MW-2103	1/23/2024	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	3.6	**68.7**	**18.6**	< 2.1
1	MW-2103 DUP	12/14/2020	< 1.6	< 8.4	< 2.9	< 3.5	< 4.1	< 4.0	< 4.2	< 1.6	< 1.3	*98.7*	**1130**	**257**	< 7.5
1	MW-2103 DUP	4/8/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*71.5*	**402**	**270**	< 10.5
1	MW-2103 DUP	2/23/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	**118**	**183**	**233**	< 10.5
1	MW-2103 DUP	3/22/2022	< 32.5	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	**124**	< 32.0	**311**	< 105
1	MW-2103 DUP	4/27/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	*69.0* J	< 6.4	**513**	< 21.0
1	MW-2103 DUP	7/26/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	*61.4* J	< 6.4	**1230**	< 21.0
1	MW-2103 DUP	10/27/2022	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	4.3 J-	< 1.6	**2350**	< 5.2
1	MW-2103 DUP	1/25/2023	< 8.1	< 25.0	< 8.0	< 21.4	< 8.6	< 26.1	< 10.6	< 10.2	< 7.2	13.6 J	**8.1** J	**1030**	< 26.2
1	MW-2103 DUP	4/26/2023	< 0.81	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	5.0	**8.4**	**472**	< 2.6

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2103 DUP	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	**87.0**
1	MW-2103 DUP	10/19/2023	< 0.30	0.63 J	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	**183**
1	MW-2103 DUP	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	**169**
1	PZ-2103	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796	**10300**
1	PZ-2103	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480	**10800**
1	PZ-2103	2/24/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	**3310**
1	PZ-2103	4/7/2022	< 29.6	< 58.2	< 29.2	< 44.9	< 35.7	< 32.6	< 35.1	< 29.5	< 41.5	< 138	< 118	**5370**
1	PZ-2103	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	**4160**
1	PZ-2103	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	**14300**
1	PZ-2103	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390	**11400**
1	PZ-2103	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910	**16200**
1	PZ-2103	4/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**47300 J**
1	PZ-2103	7/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**72600**
1	PZ-2103	10/19/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**64700**
1	PZ-2103	1/23/2024	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**61200**
1	PZ-2103 DUP	12/14/2020	< 170	< 153	< 175	< 525	< 546	< 441	< 392	< 154	< 227	< 839	< 796	**9920**
1	PZ-2103 DUP	4/9/2021	< 370	< 728	< 364	< 561	< 447	< 407	< 439	< 369	< 519	< 1720	< 1480	**12000**
1	PZ-2103 DUP	2/24/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	**3130**
1	PZ-2103 DUP	4/7/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	**4550**
1	PZ-2103 DUP	5/5/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	**4290**
1	PZ-2103 DUP	7/26/2022	< 59.1	< 116	< 58.3	< 89.7	< 71.5	< 65.2	< 70.2	< 59.1	< 83.1	< 276	< 237	**12200**
1	PZ-2103 DUP	10/27/2022	< 1850	< 3640	< 1820	< 2800	< 2230	< 2040	< 2190	< 1850	< 2600	< 8620	< 7390	**12800**
1	PZ-2103 DUP	1/25/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 5910	**13700**
1	PZ-2103 DUP	4/26/2023	< 591	< 1160	< 583	< 897	< 715	< 652	< 702	< 591	< 831	< 2760	< 1010	**13500 J**
1	PZ-2103 DUP	7/26/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**63700**
1	PZ-2103 DUP	10/19/2023	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**49200**
1	PZ-2103 DUP	1/23/2024	< 1480	< 2910	< 1460	< 2240	< 1790	< 1630	< 1760	< 1480	< 2080	< 6900	< 2520	**62300**
1	MW-2104	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	5.4
1	MW-2104	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.6

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-2103 DUP	7/26/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	**7.6** J	**568**	< 10.5
1	MW-2103 DUP	10/19/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.2	**129**	**57.3**	< 1.0
1	MW-2103 DUP	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	2.1	**75.8**	**24.6**	< 1.0
1	PZ-2103	12/14/2020	< 199	< 1050	< 363	< 443	< 507	< 500	< 530	< 204	< 168	**957** J	**176000**	< 109	< 938
1	PZ-2103	4/9/2021	< 406	< 1250	< 399	< 1070	< 432	< 1300	< 530	< 511	< 360	**754** J	**173000**	< 218	< 1310
1	PZ-2103	2/24/2022	< 32.5	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	**161**	**15800**	**50.3** J	< 105
1	PZ-2103	4/7/2022	< 32.5	< 100	< 31.9	< 85.7	< 34.5	< 104	< 42.4	< 40.9	< 28.8	**115**	**52200**	**75.6**	< 105
1	PZ-2103	5/5/2022	< 65.0	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	**32000**	< 34.9	< 210
1	PZ-2103	7/26/2022	< 65.0	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	**35300**	**65.7** J	< 210
1	PZ-2103	10/27/2022	< 2030	< 6250	< 2000	< 5360	< 2160	< 6520	< 2650	< 2550	< 1800	< 3300 UJ	**268000**	< 1090	< 6550
1	PZ-2103	1/25/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**229000**	< 872	< 5240
1	PZ-2103	4/26/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**659000** J	< 872	< 5240
1	PZ-2103	7/26/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**785000**	< 872	< 5240
1	PZ-2103	10/19/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**597000**	< 872	< 5240
1	PZ-2103	1/23/2024	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**533000**	< 872	< 5240
1	PZ-2103 DUP	12/14/2020	< 199	< 1050	< 363	< 443	< 507	< 500	< 530	< 204	< 168	**898** J	**180000**	< 109	< 938
1	PZ-2103 DUP	4/9/2021	< 406	< 1250	< 399	< 1070	< 432	< 1300	< 530	< 511	< 360	**777** J	**201000**	< 218	< 1310
1	PZ-2103 DUP	2/24/2022	< 65.0	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	**155** J	**14500**	< 34.9	< 210
1	PZ-2103 DUP	4/7/2022	< 65.0	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	**22400**	**72.6**	< 210
1	PZ-2103 DUP	5/5/2022	< 65.0	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	**133** J	**32400**	< 34.9	< 210
1	PZ-2103 DUP	7/26/2022	< 65.0	< 200	< 63.9	< 171	< 69.1	< 209	< 84.8	< 81.7	< 57.6	< 106	**29800**	**56.3** J	< 210
1	PZ-2103 DUP	10/27/2022	< 2030	< 6250	< 2000	< 5360	< 2160	< 6520	< 2650	< 2550	< 1800	< 3300 UJ	**252000**	< 1090	< 6550
1	PZ-2103 DUP	1/25/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**198000**	< 872	< 5240
1	PZ-2103 DUP	4/26/2023	< 650	< 2000	< 639	< 1710	< 691	< 2090	< 848	< 817	< 576	< 1060	**185000** J	< 349	< 2100
1	PZ-2103 DUP	7/26/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**694000**	< 872	< 5240
1	PZ-2103 DUP	10/19/2023	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**479000**	< 872	< 5240
1	PZ-2103 DUP	1/23/2024	< 1630	< 5000	< 1600	< 4290	< 1730	< 5220	< 2120	< 2040	< 1440	< 2640	**540000**	< 872	< 5240
1	MW-2104	12/14/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	0.85 J	0.44 J	< 0.57 U	< 1.5
1	MW-2104	4/8/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.53 J	< 0.32	**0.57** 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	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-2104	2/23/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.9
1	MW-2104	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.5
1	MW-2104	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.6
1	MW-2104	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.6
1	MW-2104	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.9
1	MW-2104	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.2
1	MW-2104	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.6
1	MW-2104	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.5
1	MW-2104	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	1.4
1	MW-2104	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	1.5
1	MW-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	*2.0*	< 0.36	< 1.3	< 1.3	*12.9*
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	3.9
1	MW-2105	2/23/2022	< 0.30	< 0.58	< 0.29	1.5	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.9
1	MW-2105	3/23/2022	0.95 J	< 0.58	< 0.29	0.72 J	< 0.36	< 0.33	< 0.35	0.36 J	< 0.42	< 1.4	< 1.2	**70.6**
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	*21.9*
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	*44.8*
1	MW-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5
1	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	*21.9*
1	MW-2105	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	**107**
1	MW-2105	7/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*13.8*
1	MW-2105	10/16/2023	0.81 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.38 J	< 0.42	< 1.4	< 0.50	*22.3*
1	MW-2105	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*16.3*
1	PZ-2105	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	2.8
1	PZ-2105	4/8/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.6
1	PZ-2105	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.2
1	PZ-2105	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.3
1	PZ-2105	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.4
1	PZ-2105	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.98 J
1	PZ-2105	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.1
1	PZ-2105	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.97 J

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-2104	2/23/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.38 J	**0.60 J**	< 1.0
1	MW-2104	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.59 J	< 0.32	**0.90 J**	< 1.0
1	MW-2104	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.80 J+**	< 1.0
1	MW-2104	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.61 J	0.39 J	**0.87 J**	< 1.0
1	MW-2104	10/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.94 J**	< 1.0
1	MW-2104	1/23/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.64 J**	< 1.0
1	MW-2104	4/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2.0**	< 1.0
1	MW-2104	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.0**	< 1.0
1	MW-2104	10/16/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.61 J*	**1.0**	< 1.0
1	MW-2104	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**1.2**	< 1.0
1	MW-2105	12/14/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	*3.6*	**2.5**	4.9
1	MW-2105	4/8/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*1.4*	**2.4**	4.8
1	MW-2105	2/23/2022	< 0.33	< 1.0	< 0.32	< 0.86	0.47 J	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.59 J*	**2.6**	< 1.0
1	MW-2105	3/23/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.3	**7.8**	< 0.17	< 1.0
1	MW-2105	4/26/2022	< 0.33	< 1.0	< 0.32	1.0	1.2	< 1.0	0.98 J	< 0.41	< 0.29	0.54 J	*3.0*	**5.0**	2.6 J
1	MW-2105	7/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	**9.5**	**2.4**	< 1.0
1	MW-2105	10/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.51 J*	**3.4**	< 1.0
1	MW-2105	1/23/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*3.1*	< 0.17	< 1.0
1	MW-2105	4/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.64 J	**12.3**	**5.0**	< 1.0
1	MW-2105	7/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*3.7*	**2.0**	< 1.0
1	MW-2105	10/16/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.55 J	**10.7**	**2.8**	< 1.0
1	MW-2105	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*2.2*	**1.7**	< 1.0
1	PZ-2105	12/14/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	*2.5*	< 0.17	< 1.5
1	PZ-2105	4/8/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*1.2*	< 0.17	< 1.0
1	PZ-2105	2/22/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.86 J*	< 0.17	< 1.0
1	PZ-2105	3/22/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.78 J*	< 0.17	< 1.0
1	PZ-2105	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.82 J*	< 0.17	< 1.0
1	PZ-2105	7/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.72 J*	< 0.17	< 1.0
1	PZ-2105	10/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*1.5*	< 0.17	< 1.0
1	PZ-2105	1/23/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.98 J*	< 0.17	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-2105	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.86 J
1	PZ-2105	7/25/2023	< 0.30 UJ	< 0.58 UJ	< 0.29 UJ	< 0.45 UJ	< 0.36 UJ	< 0.33 UJ	< 0.35 UJ	< 0.30 UJ	< 0.42 UJ	< 1.4 UJ	< 0.50 UJ	< 0.47 UJ
1	PZ-2105	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.76 J
1	PZ-2105	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
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	**237**
1	MW-2106	4/8/2021	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	*68.5*
1	MW-2106	2/21/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	32.0 J	< 23.7	**713**
1	MW-2106	3/21/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	53.3 J	< 23.7	**350**
1	MW-2106	4/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**224**
1	MW-2106	7/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**128**
1	MW-2106	10/27/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**87.2**
1	MW-2106	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2106	4/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2106	7/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	6.6 J
1	MW-2106	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2106	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
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	*8.8*
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	3.5
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	*14.2*
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	*10.1*
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	1.6
1	MW-2107	7/25/2022	0.82 J	< 0.58	0.31 J	< 0.45	< 0.36	< 0.33	< 0.35	*2.0*	< 0.42	9.9	< 1.2	*12.3*
1	MW-2107	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*2.2*	< 0.42	12.2	< 1.2	< 0.47
1	MW-2107	1/24/2023	1.4	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.4*	< 0.42	5.8	< 1.2	< 0.47
1	MW-2107	4/26/2023	0.75 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.1*	< 0.42	7.1	< 0.50	< 0.47
1	MW-2107	7/25/2023	0.42 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.4*	< 0.42	8.6	< 0.50	< 0.47
1	MW-2107	10/17/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.4*	< 0.42	10.4	< 0.50	< 0.47
1	MW-2107	1/23/2024	0.35 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.5*	< 0.42	13.7	< 0.50	< 0.47
1	PZ-2107	12/9/2020	< 2.7	< 2.4	< 2.8	< 8.4	< 8.7	< 7.1	< 6.3	< 2.5	< 3.6	< 13.4	< 12.7	**3680**

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	PZ-2105	4/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.47 J	< 0.17	< 1.0
1	PZ-2105	7/25/2023	< 0.33 UJ	< 1.0 UJ	< 0.32 UJ	< 0.86 UJ	< 0.35 UJ	< 1.0 UJ	< 0.42 UJ	< 0.41 UJ	< 0.29 UJ	< 0.53 UJ	< 0.32 UJ	< 0.17 UJ	< 1.0 UJ
1	PZ-2105	10/16/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.85* J	< 0.17	< 1.0
1	PZ-2105	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.50* J	< 0.17	< 1.0
1	MW-2106	12/14/2020	< 6.4	< 33.7	< 11.6	< 14.2	< 16.2	< 16.0	< 17.0	< 6.5	< 5.4	< 9.3	< 5.1	**1630**	< 30.0
1	MW-2106	4/8/2021	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	**1250**	< 21.0
1	MW-2106	2/21/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	**4480**	< 21.0
1	MW-2106	3/21/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	**3940**	< 21.0
1	MW-2106	4/27/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	**3100**	< 21.0
1	MW-2106	7/26/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	**2360**	< 21.0
1	MW-2106	10/27/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	< 10.6	< 6.4	**1720**	< 21.0
1	MW-2106	1/23/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.9**	< 1.0
1	MW-2106	4/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**65.9**	< 1.0
1	MW-2106	7/25/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	**811**	< 10.5
1	MW-2106	10/16/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2106	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2.1**	< 1.0
1	MW-2107	12/9/2020	< 0.80	< 4.2	< 1.5	< 1.8	< 2.0	< 2.0	< 2.1	< 0.82	< 0.67	< 1.2	< 0.64	**293**	< 3.8
1	MW-2107	4/7/2021	< 0.81	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	**533**	< 2.6
1	MW-2107	2/21/2022	< 0.81	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	**271**	< 2.6
1	MW-2107	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.47 J	< 0.53	< 0.32	**253**	< 1.0
1	MW-2107	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.39 J	< 0.53	< 0.32	**2.8**	< 1.0
1	MW-2107	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.34 J	< 0.53	< 0.32	**286**	< 1.0
1	MW-2107	10/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.67 J	< 0.53	< 0.32	**16.5**	1.1 J
1	MW-2107	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.30 J	< 0.53	< 0.32	*0.18* J	< 1.0
1	MW-2107	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**1.1**	< 1.0
1	MW-2107	7/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2107	10/17/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.40 J	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2107	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.56 J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2107	12/9/2020	< 3.2	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	*51.9*	< 2.6	**1340**	< 15.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-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	**1150**
1	PZ-2107	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	**3.9**	< 1.4	*5.8*	**78.4**
1	PZ-2107	3/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	**838**
1	PZ-2107	4/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**692**
1	PZ-2107	7/25/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**636**
1	PZ-2107	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**1040**
1	PZ-2107	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**543**
1	PZ-2107	4/26/2023	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 2.0	**319**
1	PZ-2107	7/25/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	**515**
1	PZ-2107	10/17/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	**614**
1	PZ-2107	1/23/2024	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 2.5	**361**
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	< 0.27
1	MW-2108	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	0.36 J	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	1/23/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	MW-2108	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2108	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2108	10/17/2023	< 0.30	< 0.58	< 0.29	3.9	5.3	< 0.33	< 0.35	**5.0**	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2108	1/22/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2109	12/9/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	**87.4**
1	MW-2109	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	**172**
1	MW-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	**96.8**
1	MW-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	**105**
1	MW-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	0.36 J	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*39.4*
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	**99.6**
1	MW-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	**85.1**

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	PZ-2107	4/8/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*21.5*	< 3.2	**177**	< 10.5
1	PZ-2107	2/22/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.6	< 0.32	**3.5**	< 1.0
1	PZ-2107	3/22/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	14.2	< 0.32	**903**	< 1.0
1	PZ-2107	4/26/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	14.1	< 3.2	**83.3**	< 10.5
1	PZ-2107	7/25/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	11.6	< 3.2	**376**	< 10.5
1	PZ-2107	10/27/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	7.7 J	< 3.2	**1100**	< 10.5
1	PZ-2107	1/24/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	**94.7**	< 10.5
1	PZ-2107	4/26/2023	< 1.3	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	4.4	< 1.3	**16.6**	< 4.2
1	PZ-2107	7/25/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	**220**	< 10.5
1	PZ-2107	10/17/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	6.7 J	< 3.2	**474**	< 10.5
1	PZ-2107	1/23/2024	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	4.3 J	< 1.6	**56.1**	< 5.2
1	MW-2108	12/9/2020	2.1 J+	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	0.74 J	< 0.46	< 0.26	**2.3 J+**	3.4
1	MW-2108	4/7/2021	1.3 J+	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.57 J	< 0.53	< 0.32	**2.4 J+**	2.0 J
1	MW-2108	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**1.8**	< 1.0
1	MW-2108	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2.0**	< 1.0
1	MW-2108	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.1**	< 1.0
1	MW-2108	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2.0**	< 1.0
1	MW-2108	10/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2**	< 1.0
1	MW-2108	1/23/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2.0**	< 1.0
1	MW-2108	4/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.0**	< 1.0
1	MW-2108	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**2.9**	< 1.0
1	MW-2108	10/17/2023	30.0	2.6 J	< 0.32	< 0.86	2.3	2.2 J	0.54 J	< 0.41	8.2	< 0.53	< 0.32	**2.0**	26.2
1	MW-2108	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.1**	< 1.0
1	MW-2109	12/9/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	1.3 J	< 0.26	**27.7**	< 1.5
1	MW-2109	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.2	< 0.32	**51.6**	< 1.0
1	MW-2109	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.1	< 0.32	**81.1**	< 1.0
1	MW-2109	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.1	< 0.32	**77.3**	< 1.0
1	MW-2109	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.84 J	< 0.32	**18.8**	< 1.0
1	MW-2109	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	2.2	< 0.32	**70.4**	< 1.0
1	MW-2109	10/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	1.5	< 0.32	**98**	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-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	**74.3**
1	MW-2109	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	4.8
1	MW-2109	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*43.7*
1	MW-2109	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*26.8*
1	MW-2109	1/24/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*15.6*
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	*11.3*
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	*8.7*
1	PZ-2109	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.8
1	PZ-2109	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.3
1	PZ-2109	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.4
1	PZ-2109	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.4
1	PZ-2109	10/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.4
1	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	1.8
1	PZ-2109	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.1
1	PZ-2109	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	3.0
1	PZ-2109	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.4
1	PZ-2109	1/24/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	3.4
1	MW-2110	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	*8.4*
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	2.7
1	MW-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*7.6*
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	*8.5*
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	2.9
1	MW-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.7
1	MW-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*9.5*
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	5.5
1	MW-2110	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.47 J	< 0.42	< 1.4	< 0.50	3.8
1	MW-2110	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*7.9*
1	MW-2110	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	6.8
1	MW-2110	1/22/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	3.9

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-2109	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.92 J	< 0.32	**90.8**	< 1.0
1	MW-2109	4/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2109	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**94.9**	< 1.0
1	MW-2109	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**54.6**	< 1.0
1	MW-2109	1/24/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**43.2**	< 1.0
1	PZ-2109	12/9/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	**9.3**	< 1.5
1	PZ-2109	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.4 J+**	< 1.0
1	PZ-2109	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**11.2**	< 1.0
1	PZ-2109	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**10**	< 1.0
1	PZ-2109	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**7.7**	< 1.0
1	PZ-2109	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**12.8**	< 1.0
1	PZ-2109	10/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53 UJ	< 0.32	**12.9**	< 1.0
1	PZ-2109	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**8.9**	< 1.0
1	PZ-2109	4/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**14.0**	< 1.0
1	PZ-2109	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**20.7**	< 1.0
1	PZ-2109	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**15.4**	< 1.0
1	PZ-2109	1/24/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**19.1**	< 1.0
1	MW-2110	12/15/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	**5.3**	< 1.5
1	MW-2110	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 2.1 U	< 1.0
1	MW-2110	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**7.8**	< 1.0
1	MW-2110	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**8.7**	< 1.0
1	MW-2110	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.3**	< 1.0
1	MW-2110	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**6.6**	< 1.0
1	MW-2110	10/27/2022	< 0.33	< 1.0	0.38 J	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**8.9**	< 1.0
1	MW-2110	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.7**	< 1.0
1	MW-2110	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**6.1**	< 1.0
1	MW-2110	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**7.4**	< 1.0
1	MW-2110	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**6.3**	< 1.0
1	MW-2110	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.1**	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-2110	12/8/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27
1	PZ-2110	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2110	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2110	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2110	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2110	1/22/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	MW-2111	12/11/2020	< 34.1	< 30.6	< 35.0	< 105	< 109	< 88.2	< 78.5	< 30.8	< 45.5	< 168	< 159	**742**
1	MW-2111	4/8/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148	**579**
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	**191**
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	**362**
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	*31.3*
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	**801**
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	**1250**
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	**2070**
1	MW-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.51* J	< 0.42	< 1.4	< 0.50	*18.3*
1	MW-2111	7/27/2023	< 0.30 UJ	< 0.58 UJ	< 0.29 UJ	< 0.45 UJ	< 0.36 UJ	< 0.33 UJ	< 0.35 UJ	*1.3* J-	< 0.42 UJ	< 1.4 UJ	< 0.50 UJ	*13.9* J-
1	MW-2111	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.4*	< 0.42	< 1.4	< 0.50	*19.4*
1	MW-2111	1/22/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.62* J	< 0.42	< 1.4	< 0.50	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	**2810**
1	PZ-2111	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**1040**
1	PZ-2111	2/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	**140**
1	PZ-2111	3/23/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	**125**
1	PZ-2111	4/26/2022	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 2.4	**99.1**
1	PZ-2111	7/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*51.1*

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	PZ-2110	12/8/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-2110	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	10/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53 UJ	< 0.32	< 0.17	< 1.0
1	PZ-2110	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2110	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2111	12/11/2020	< 39.8	< 211	< 72.6	< 88.5	< 101	< 100	< 106	< 40.8	< 33.7	*80.9* J	**8210**	< 21.8	< 188
1	MW-2111	4/8/2021	< 40.6	< 125	< 39.9	< 107	< 43.2	< 130	< 53.0	< 51.1	< 36.0	< 66.0	**5340**	**34.8** J	< 131
1	MW-2111	2/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.32 J	0.82 J	**25.1**	**5.5**	< 1.0
1	MW-2111	3/23/2022	< 1.3	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	< 2.1	**7.9**	**5.9**	< 4.2
1	MW-2111	4/26/2022	0.37 J	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	2.2	< 0.53	**20.5**	< 0.17	< 1.0
1	MW-2111	7/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.34 J	0.64 J	*1.3*	**13.9**	< 1.0
1	MW-2111	10/27/2022	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	< 2.6	< 1.6	**78.6**	< 5.2
1	MW-2111	1/25/2023	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	2.7 J	< 1.6	**411**	< 5.2
1	MW-2111	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.31 J	< 0.53	*0.80* J	**2.7**	< 1.0
1	MW-2111	7/27/2023	< 0.33 UJ	< 1.0 UJ	< 0.32 UJ	< 0.86 UJ	< 0.35 UJ	< 1.0 UJ	< 0.42 UJ	< 0.41 UJ	0.73 J-	< 0.53 UJ	*1.5* J-	**4.1** J-	< 1.0 UJ
1	MW-2111	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.70 J	< 0.53	*1.4*	**5.9**	< 1.0
1	MW-2111	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.48 J	< 0.53	*0.82* J	< 0.17	< 1.0
1	PZ-2111	12/11/2020	< 3.2	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	**248**	**1550**	**77.8**	< 15.0
1	PZ-2111	4/8/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*67.2*	**215**	**22.1**	< 10.5
1	PZ-2111	2/23/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	2.9	*1.6* J	**43.1**	< 2.1
1	PZ-2111	3/23/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	**23.7**	< 2.1
1	PZ-2111	4/26/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	< 1.1	< 0.64	**11.2**	< 2.1
1	PZ-2111	7/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	0.41 J	**3.9**	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-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	*35.6*
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	*12.6*
1	PZ-2111	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.39 J	< 0.42	3.7 J	< 0.50	6.9
1	PZ-2111	7/27/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.36 J	< 0.42	< 1.4	< 0.50	*7.1*
1	PZ-2111	10/18/2023	< 0.30 UJ	< 0.58 UJ	< 0.29 UJ	< 0.45 UJ	< 0.36 UJ	< 0.33 UJ	< 0.35 UJ	0.41 J-	< 0.42 UJ	< 1.4 UJ	< 0.50 UJ	6.5 J-
1	PZ-2111	1/22/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.43 J	< 0.42	< 1.4	< 0.50	4.2
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	**809**
1	MW-2112	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**641**
1	MW-2112	2/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**683**
1	MW-2112	3/21/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**682**
1	MW-2112	4/26/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	**369**
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	**739**
1	MW-2112	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**587**
1	MW-2112	1/24/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**516**
1	MW-2112	4/25/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	**220**
1	MW-2112	7/26/2023	< 0.59	< 1.2	< 0.58	< 0.90	< 0.71	< 0.65	< 0.70	< 0.59	< 0.83	< 2.8	< 1.0	**595**
1	MW-2112	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	5.8
1	MW-2112	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	2.4
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	**761**
1	PZ-2112	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	1.0
1	PZ-2112	4/8/2021	< 0.30 UJ	< 0.58 UJ	< 0.29 UJ	< 0.45	< 0.36	< 0.33 UJ	< 0.35 UJ	< 0.30 UJ	< 0.42 UJ	< 1.4 UJ	< 1.2 UJ	< 0.47 UJ
1	PZ-2112	2/22/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.59 J
1	PZ-2112	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	0.58 J
1	PZ-2112	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2112	4/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2112	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	PZ-2111	10/27/2022	< 0.33	< 1.0	0.4 J	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.83 J-	*1.2*	**4.4**	< 1.0
1	PZ-2111	1/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**1.8**	< 1.0
1	PZ-2111	4/26/2023	0.60 J	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.71* J	< 0.17	< 1.0
1	PZ-2111	7/27/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.57* J	**0.97** J	< 1.0
1	PZ-2111	10/18/2023	< 0.33 UJ	< 1.0 UJ	< 0.32 UJ	< 0.86 UJ	< 0.35 UJ	< 1.0 UJ	< 0.42 UJ	< 0.41 UJ	< 0.29 UJ	< 0.53 UJ	< 0.32 UJ	**0.81** J-	< 1.0 UJ
1	PZ-2111	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-2112	12/15/2020	< 3.2	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	8.5 J	< 2.6	**305**	< 15.0
1	MW-2112	4/8/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	13.4	< 3.2	**282**	< 10.5
1	MW-2112	2/22/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	6.5 J	< 3.2	**407**	< 10.5
1	MW-2112	3/21/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	5.5 J	< 3.2	**440**	< 10.5
1	MW-2112	4/26/2022	< 1.3	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	3.7 J	*1.4* J	**301**	< 4.2
1	MW-2112	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	4.1	< 0.32	**412**	< 1.0
1	MW-2112	10/27/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	5.4 J	< 3.2	**373**	< 10.5
1	MW-2112	1/24/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	14.4	< 3.2	**332**	< 10.5
1	MW-2112	4/25/2023	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	1.7 J	< 0.64	**171**	< 2.1
1	MW-2112	7/26/2023	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	2.0 J	< 0.64	**418**	< 2.1
1	MW-2112	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	*0.52* J	**12.3**	< 1.0
1	MW-2112	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.4**	< 1.0
1	MW-2112 DUP	12/15/2020	< 3.2	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	6.8 J	< 2.6	**302**	< 15.0
1	PZ-2112	12/15/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	0.27 J	**4.6** J	< 1.5
1	PZ-2112	4/8/2021	< 0.33 UJ	< 1.0 UJ	< 0.32 UJ	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29 UJ	< 0.53 UJ	0.46 J-	**1.1** J-	< 1.0 UJ
1	PZ-2112	2/22/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	3/21/2022	< 0.33	< 1.0	*0.54* J	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.45** J	< 1.0
1	PZ-2112	10/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	4/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	7/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	PZ-2112	10/18/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2112	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2112 DUP	12/15/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	0.84 J
1	MW-2113	12/14/2020	< 0.27	0.51 J	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	**321**
1	MW-2113	4/8/2021	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	*14.0*
1	MW-2113	2/23/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**716**
1	MW-2113	3/22/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	**707**
1	MW-2113	4/26/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**108**
1	MW-2113	7/26/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 11.8	*24.1*
1	MW-2113	10/27/2022	< 1.2	< 2.3	< 1.2	< 1.8	< 1.4	< 1.3	< 1.4	< 1.2	< 1.7	< 5.5	< 4.7	**269**
1	MW-2113	1/25/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 29.6	**376**
1	MW-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	**682**
1	MW-2113	7/26/2023	< 7.4	< 14.6	< 7.3	< 11.2	< 8.9	< 8.1	< 8.8	< 7.4	< 10.4	< 34.5	< 12.6	**2270**
1	MW-2113	10/17/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	*18.0*
1	MW-2113	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	**469**
1	PZ-2113	12/14/2020	< 27.3	< 24.5	< 28.0	< 84.1	< 87.3	< 70.5	< 62.8	< 24.6	< 36.4	< 134	< 127	**16000**
1	PZ-2113	4/9/2021	< 37.0	< 72.8	< 36.4	< 56.1	< 44.7	< 40.7	< 43.9	< 36.9	< 51.9	< 172	< 148	**11800**
1	PZ-2113	2/24/2022	< 5.9	< 11.6	< 5.8	< 9.0	< 7.1	< 6.5	< 7.0	< 5.9	< 8.3	< 27.6	< 23.7	**2740**
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	**2920**
1	PZ-2113	4/26/2022	< 11.8	< 23.3	< 11.7	< 17.9	< 14.3	< 13.0	< 14.0	< 11.8	< 16.6	< 55.2	< 47.3	**888**
1	PZ-2113	7/26/2022	< 1.5	< 2.9	< 1.5	< 2.2	< 1.8	< 1.6	< 1.8	< 1.5	< 2.1	< 6.9	< 5.9	**108**
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	*40.9*
1	PZ-2113	1/25/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*1.1*	< 0.42	< 1.4	< 1.2	*7.8*
1	PZ-2113	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.96* J	< 0.42	< 1.4	< 0.50	*8.1*
1	PZ-2113	8/28/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.89* J	< 0.42	< 1.4	< 0.50	*25.3*
1	PZ-2113	10/17/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.95* J	< 0.42	< 1.4	< 0.50	*17.9*
1	PZ-2113	1/23/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	*0.72* J	< 0.42	< 1.4	< 0.50	1.5
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	*7.6*

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	PZ-2112	10/18/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2112 DUP	12/15/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	0.26 J	**1.7 J+**	< 1.5
1	MW-2113	12/14/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	*38.7*	*2.9*	**706**	< 1.5
1	MW-2113	4/8/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2	**781**	< 10.5
1	MW-2113	2/23/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*73.0*	< 3.2	**1660**	< 10.5
1	MW-2113	3/22/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*78.2*	< 3.2	**3550**	< 10.5
1	MW-2113	4/26/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	*25.0*	< 6.4	**2040**	< 21.0
1	MW-2113	7/26/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	10.7	< 3.2	**1300**	< 10.5
1	MW-2113	10/27/2022	< 1.3	< 4.0	< 1.3	< 3.4	< 1.4	< 4.2	< 1.7	< 1.6	< 1.2	*38.8* J-	< 1.3	**3050**	< 4.2
1	MW-2113	1/25/2023	< 8.1	< 25.0	< 8.0	< 21.4	< 8.6	< 26.1	< 10.6	< 10.2	< 7.2	*31.9*	< 8.0	**1710**	< 26.2
1	MW-2113	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	*28.4*	*0.57* J	**1010**	< 1.0
1	MW-2113	7/26/2023	< 8.1	< 25.0	< 8.0	< 21.4	< 8.6	< 26.1	< 10.6	< 10.2	< 7.2	*53.0*	< 8.0	**1950**	< 26.2
1	MW-2113	10/17/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.97 J	*1.2*	**15.1**	< 1.0
1	MW-2113	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	18.9	*0.70* J	**932**	< 1.0
1	PZ-2113	12/14/2020	< 31.9	< 169	< 58.1	< 70.8	< 81.1	< 80.0	< 84.9	< 32.6	< 26.9	**1760**	**5060**	**286**	< 150
1	PZ-2113	4/9/2021	< 40.6	< 125	< 39.9	< 107	< 43.2	< 130	< 53.0	< 51.1	< 36.0	**1270**	**4240**	**126**	< 131
1	PZ-2113	2/24/2022	< 6.5	< 20.0	< 6.4	< 17.1	< 6.9	< 20.9	< 8.5	< 8.2	< 5.8	*46.5*	**6.9** J	**359**	< 21.0
1	PZ-2113	3/23/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	*38.9*	*1.3* J	**888**	< 2.1
1	PZ-2113	4/26/2022	< 13.0	< 40.0	< 12.8	< 34.3	< 13.8	< 41.8	< 17.0	< 16.3	< 11.5	*27.7* J	< 12.8	**2090**	< 41.9
1	PZ-2113	7/26/2022	< 1.6	< 5.0	< 1.6	< 4.3	< 1.7	< 5.2	< 2.1	< 2.0	< 1.4	14.7	*1.8* J	**835**	< 5.2
1	PZ-2113	10/27/2022	< 0.65	< 2.0	< 0.64	< 1.7	< 0.69	< 2.1	< 0.85	< 0.82	< 0.58	12 J-	< 0.64	**177**	< 2.1
1	PZ-2113	1/25/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.34 J	7.1	0.40 J	**47.0**	< 1.0
1	PZ-2113	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.44 J	2.8	0.37 J	**35.8**	< 1.0
1	PZ-2113	8/28/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.37 J	2.4	*0.88* J	**87.7**	< 1.0
1	PZ-2113	10/17/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.35 J	2.1	*0.60* J	**67.7**	< 1.0
1	PZ-2113	1/23/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.32 J	1.5	< 0.32	**9.5**	< 1.0
1	MW-2114	12/14/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	0.51 J	< 0.26	**4.7**	< 1.5

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-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	*9.5*
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	4.5
1	MW-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	3.1
1	MW-2114	4/26/2022	0.53 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.3
1	MW-2114	7/25/2022	0.30 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	5.4
1	MW-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	*7.8*
1	MW-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	4.9
1	MW-2114	4/26/2023	0.53 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	5.7
1	MW-2114	7/24/2023	0.35 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	6.0
1	MW-2114	10/16/2023	0.95 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	6.1
1	MW-2114	1/22/2024	0.73 J	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	4.3
1	PZ-2114	12/14/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	< 0.27
1	PZ-2114	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2114	2/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	*0.49* J	< 1.4	*3.6* J	< 0.47
1	PZ-2114	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2114	4/26/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	0.35 J	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2114	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2114	10/24/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2114	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	< 0.47
1	PZ-2114	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2114	7/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2114	10/16/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
1	PZ-2114	1/22/2024	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	< 0.47
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	**1420**
1	MW-61	9/13/2017	< 4.8	< 8.2	< 3.4	< 10	< 10	< 10	< 10	**18.8** J	< 10	< 7.5	< 50	**2160**
1	MW-61	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	**16.6** J	< 12.5	< 9.4	< 62.5	**2540**
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	**1850**
1	MW-61	4/8/2021	< 3.0	*6.0* J	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**11.0**	< 4.2	< 13.8	< 11.8	**3080**
1	MW-61	2/23/2022	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	< 0.74	< 1.0	< 3.4	< 3.0	**259**
1	MW-61	3/22/2022	< 3.0	**13.1**	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**19.2**	< 4.2	< 13.8	< 11.8	**8570**

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-2114	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	0.66 J	< 0.32	**7.3 J+**	< 1.0
1	MW-2114	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.2**	< 1.0
1	MW-2114	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.5**	< 1.0
1	MW-2114	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**7.0**	< 1.0
1	MW-2114	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.4**	< 1.0
1	MW-2114	10/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.1**	< 1.0
1	MW-2114	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**3.9**	< 1.0
1	MW-2114	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**7.5**	< 1.0
1	MW-2114	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.3**	< 1.0
1	MW-2114	10/16/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**5.3**	< 1.0
1	MW-2114	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**4.9**	< 1.0
1	PZ-2114	12/14/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.25 U	< 1.5
1	PZ-2114	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	4/26/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	10/24/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	**0.53 J**	< 1.0
1	PZ-2114	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	7/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	10/16/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-2114	1/22/2024	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17	< 1.0
1	MW-61	6/15/2017	< 12.5	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	*42.6*	**61.4**	**760**	< 37.5
1	MW-61	9/13/2017	< 10	< 2.9	< 4.7	< 10	< 10	< 10	< 43.7	< 10	< 10	**103**	**111**	**835**	< 30
1	MW-61	3/21/2018	< 12.5	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	**104**	**3280**	< 37.5
1	MW-61	12/11/2020	< 3.2	< 16.9	< 5.8	< 7.1	< 8.1	< 8.0	< 8.5	< 3.3	< 2.7	*37.2*	**124**	**1150**	< 15.0
1	MW-61	4/8/2021	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*73.7*	**176**	**1170**	< 10.5
1	MW-61	2/23/2022	< 0.81	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	2.8	**13.7**	**53.1**	< 2.6
1	MW-61	3/22/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*22.8*	**18.0**	**2710**	< 10.5

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

		Analyte:	1,1-Dichloro ethane	1,1-Dichloro ethene	1,2-Dichloro ethane	1,2,4-Trimethyl benzene	1,3,5-Trimethyl benzene	1,2-Dichloro benzene	1,3-Dichloro benzene	Benzene	Bromo dichloro methane	Chloro ethane	Chloroform	cis-1,2-Dichloro ethene
		ES	850	7	5	480	480	600	600	5	0.6	400	6	70
		PAL	85	0.7	0.5	96	96	60	120	0.5	0.06	80	0.6	7
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
1	MW-61	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	*58.8* J
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	**4720**
1	MW-61	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**5.6** J	< 4.2	< 13.8	< 11.8	**1010**
1	MW-61	1/24/2023	< 0.74	< 1.5	< 0.73	< 1.1	< 0.89	< 0.81	< 0.88	*4.9*	< 1.0	< 3.4	< 3.0	**121**
1	MW-61	4/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	**1140**
1	MW-61	7/26/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	< 3.0	< 4.2	< 13.8	< 5.0	**1210**
1	MW-61	10/19/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**12.0**	< 4.2	< 13.8	< 5.0	**1890**
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	**1280**
1	MW-61 DUP	3/21/2018	< 6	< 10.3	< 4.2	< 12.5	< 12.5	< 12.5	< 12.5	**16.3** J	< 12.5	< 9.4	< 62.5	**2560**
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	**154** J
1	MW-61 DUP	7/25/2022	< 3.0	**9.8** J	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**13.2**	< 4.2	< 13.8	< 11.8	**4670**
1	MW-61 DUP	10/27/2022	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**7.7** J	< 4.2	< 13.8	< 11.8	**1070**
1	MW-61 DUP	10/19/2023	< 3.0	< 5.8	< 2.9	< 4.5	< 3.6	< 3.3	< 3.5	**10.6**	< 4.2	< 13.8	< 5.0	**1960**
1	PZ-61	6/15/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125	**5290**
1	PZ-61	9/13/2017	< 12.1	< 20.5	< 8.4	< 25	< 25	< 25	< 25	< 25	< 25	< 18.7	< 125	**2880**
1	PZ-61	3/21/2018	< 2.4	< 4.1	< 1.7	< 5	< 5	< 5	< 5	< 5	< 5	< 3.7	< 25	**1210**
1	PZ-61	12/11/2020	< 0.27	< 0.24	< 0.28	< 0.84	< 0.87	< 0.71	< 0.63	< 0.25	< 0.36	< 1.3	< 1.3	0.61 J
1	PZ-61	4/7/2021	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.3
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	**1230**
1	PZ-61	3/21/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.30 J	< 0.42	< 1.4	< 1.2	2.2
1	PZ-61	4/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	0.31 J	< 0.42	< 1.4	< 1.2	1.7
1	PZ-61	7/25/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.6
1	PZ-61	10/27/2022	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	2.1
1	PZ-61	1/24/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 1.2	1.3
1	PZ-61	4/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.65 J
1	PZ-61	7/26/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	0.93 J
1	PZ-61	10/19/2023	< 0.30	< 0.58	< 0.29	< 0.45	< 0.36	< 0.33	< 0.35	< 0.30	< 0.42	< 1.4	< 0.50	1.3
1	PZ-75	6/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5	< 0.26
1	PZ-75	9/14/2017	< 0.24	< 0.41	< 0.17	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.37	< 2.5	< 0.26

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	MW-61	4/27/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	< 3.2 UJ	**543**	< 10.5
1	MW-61	7/25/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*37.2*	**168**	**3020**	< 10.5
1	MW-61	10/27/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	8.2 J	**9** J	**680**	< 10.5
1	MW-61	1/24/2023	< 0.81	< 2.5	< 0.80	< 2.1	< 0.86	< 2.6	< 1.1	< 1.0	< 0.72	< 1.3	< 0.80	**246**	< 2.6
1	MW-61	4/26/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	7.1 J	**10.2**	**1040**	< 10.5
1	MW-61	7/26/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	8.4 J	**12.6**	**1560**	< 10.5
1	MW-61	10/19/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	14.4	**11.4**	**1960**	< 10.5
1	MW-61 DUP	6/15/2017	< 12.5	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	*44.7*	**68.6**	**752**	< 37.5
1	MW-61 DUP	3/21/2018	< 12.5	< 3.6	< 5.8	< 12.5	< 12.5	< 12.5	< 54.7	< 12.5	< 12.5	< 6.4	**116**	**3140**	< 37.5
1	MW-61 DUP	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	2.1	**40.5** J	**707**	< 1.0
1	MW-61 DUP	7/25/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	*46.2*	**167**	**3030**	< 10.5
1	MW-61 DUP	10/27/2022	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	< 5.3	**7** J	**679**	< 10.5
1	MW-61 DUP	10/19/2023	< 3.3	< 10.0	< 3.2	< 8.6	< 3.5	< 10.4	< 4.2	< 4.1	< 2.9	7.7 J	**11.8**	**1900**	< 10.5
1	PZ-61	6/15/2017	< 25	< 7.2	< 11.6	< 25	< 25	< 25	< 109	< 25	32.5 J	*78*	**251**	**272**	< 75
1	PZ-61	9/13/2017	< 25	< 7.2	< 11.6	< 25	< 25	< 25	< 109	< 25	< 25	< 12.8	**37.9** J	**203**	< 75
1	PZ-61	3/21/2018	< 5	< 1.4	< 2.3	< 5	< 5	< 5	< 21.9	< 5	< 5	< 2.6	*4.2* J	**81.2**	< 15
1	PZ-61	12/11/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	1.5	< 0.46	< 0.26	< 0.34 U	< 1.5
1	PZ-61	4/7/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.0	< 0.53	*0.77* J	< 0.27 U	< 1.0
1	PZ-61	2/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	< 0.29	7.0	**31.2**	**270**	< 1.0
1	PZ-61	3/21/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.4	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	4/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.5	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	7/25/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.1	< 0.53	< 0.32	**0.66** J	< 1.0
1	PZ-61	10/27/2022	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.92 J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	1/24/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.2	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	4/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	0.42 J	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	7/26/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.3	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-61	10/19/2023	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 0.42	< 0.41	1.2	< 0.53	< 0.32	< 0.17	< 1.0
1	PZ-75	6/14/2017	< 0.5	< 0.14	< 0.23	< 0.5	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	**18.6**	< 1.5
1	PZ-75	9/14/2017	< 0.5	< 0.14	< 0.23	< 0.5	< 0.5	< 0.5	< 2.2	< 0.5	< 0.5	< 0.26	< 0.33	**65.1**	< 1.5

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

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

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

		Analyte:	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	n-Butyl benzene	n-Propyl benzene	p-Isopropyltoluene	sec-Butyl benzene	Tetra chloro ethene	Toluene	trans-1,2-Dichloro ethene	Trichloro ethene	Vinyl chloride	Xylene (Total)
		ES	700	NE	5	NE	NE	NE	NE	5	800	100	5	0.2	2000
		PAL	140	NE	0.5	NE	NE	NE	NE	0.5	160	20	0.5	0.02	400
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date													
1	PZ-75	3/22/2018	< 2.5	< 0.72	< 1.2	< 2.5	< 2.5	< 2.5	< 10.9	< 2.5	< 2.5	< 1.3	< 1.7	**673**	< 7.5
1	PZ-75	12/11/2020	< 0.32	< 1.7	< 0.58	< 0.71	< 0.81	< 0.80	< 0.85	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17	< 1.5
1	PZ-75	4/8/2021	< 0.33	< 1.0	< 0.32	< 0.86	< 0.35	< 1.0	< 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, July 2023 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold.**

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2101	12/9/2020	0.078	< 0.0010	< 0.00024	0.0011	**1.2**	**1.2**	*0.21*	*0.20*	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*	*0.090*	767	1730	49.9	< 4.4	< 1.2	587	49.5	42.8	349
1	MW-2101	3/21/2022	0.040	< 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	0.10	< 0.0010	< 0.00024	< 0.00028	**24.9**	**27.0**	*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	MW-2101	4/26/2023	0.047	0.0015 J	< 0.00024	0.00042 J	**12.7**	**11.3**	0.013	0.011	470	659	76.5	< 4.4	< 1.2 UJ	234	84.3	173	17900
1	MW-2101	7/26/2023	0.17	< 0.0010	< 0.00024	< 0.00028	**82.9**	**85.8**	*0.070*	*0.071*	937	1350	73.2	< 4.4	< 1.2	541	124	195	7710
1	MW-2101	10/18/2023	0.16	< 0.0010	< 0.00024	< 0.00028	**53.6 J**	**41.1 J**	0.037	0.034	522 J-	723	77.4	< 4.4	< 1.2 UJ	277	105	321	6680
1	MW-2101	1/23/2024	0.061	< 0.0010	< 0.00024	0.00095 J	**13.9**	**15.7**	0.011	0.013	401	364	81.6	6.9 J	< 1.2 UJ	129	153	333	9850
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	8.0	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*	*0.10*	*0.10*	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**	< 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	PZ-2101	4/26/2023	*1.6*	< 0.0051	< 0.0012	< 0.0014	**485**	**471**	**1.3**	**1.3**	4550	9390	**882**	18.9 J	48.0 J-	1640	5210	6530	2860
1	PZ-2101	7/26/2023	**2.0**	< 0.0051	< 0.0012	< 0.0014	**405**	**450**	**1.1**	**1.1**	4550	9390	**978**	< 22.2	< 1.2	3330	2080	11800	801
1	PZ-2101	10/19/2023	*1.8*	< 0.020	< 0.0047	< 0.0057	**385 J**	**304 J**	**1.2**	**1.2**	3490	8270	**868**	9.3 J	2.0 J	2890	3210 J-	15300 J-	997 J-
1	PZ-2101	1/23/2024	**2.0**	< 0.0020	< 0.00047	< 0.00057	**324**	**332**	**0.97**	**1.1**	3410	7230	**1050**	< 8.9	< 1.2 UJ	2350	3760	20100	2070
1	MW-2102	12/15/2020	0.066	< 0.0010	< 0.00024	0.0033	**3.2**	**3.4**	**0.30**	**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**	**0.30**	346	35.0 J	117	**411**	< 1.2	11.0	< 1.2	3.0 J	37.5
1	MW-2102	2/22/2022	0.030	< 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-2102	4/25/2023	0.018	< 0.0010	< 0.00024	0.0027	**2.0**	**3.7**	**0.60**	**0.58**	1220	930	68.1	52.5	6.4	290	5.6	11.4	10400
1	MW-2102	7/26/2023	0.037	< 0.0010	0.00033 J	< 0.0028	**20.2**	**24.3**	**1.4**	**1.5**	1400	1580	*130*	< 4.4	< 1.2	506	5.2 J	9.4	4220
1	MW-2102	10/18/2023	0.065	< 0.0010	< 0.00024	0.0035	*0.21 J*	**4.0**	**0.50**	**0.42**	592 J-	333	40.1	**880**	4.4 J-	67.9	< 0.39	6.5	5850
1	MW-2102	1/23/2024	0.026	< 0.0010	0.00028 J	0.0040	**0.30**	**1.2**	*0.12*	*0.12*	649	303	30.0	**301**	7.6 J-	61.2	< 0.39	4.2 J	13400

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	12/14/2020	0.066	< 0.0010	< 0.00062 U	0.0025	**0.69**	**0.70**	*0.16*	*0.16*	366 J-	15.5 J	*134*	*163*	< 1.2	5.3	4.5 J	44.0	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	6.0	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	13.0	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	**6.0**	**8.5**	**0.45**	**0.47**	468	81.4	*204*	**1100**	< 1.2	13.9	6.4	553	2230
1	MW-2103	4/26/2023	0.048	< 0.0010	< 0.00024	0.0033	**11.6**	**12.2**	**0.59**	**0.58**	631	60.2	*158*	**1170**	< 1.2	19.1	11.7	284	8870
1	MW-2103	7/26/2023	0.081	< 0.0010	< 0.00024	0.0014	**3.4**	**4.8**	*0.26*	*0.27*	431	43.2 J	*166*	*218*	< 1.2	13.8	11.7	498	2950
1	MW-2103	10/19/2023	0.064	< 0.0010	< 0.00024	0.0052	**5.5**	**8.2**	*0.28*	*0.29*	379	106	86.9	**1830**	< 1.2	28.5	0.42 J	7.9	110
1	MW-2103	1/23/2024	0.023	< 0.0051	*0.0022* J	0.0085	**2.8**	**4.7**	*0.083*	*0.085*	596	99.5	*157*	**3370**	< 1.2	30.3	< 0.39	2.1 J	53.4 J
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	5.0	5.0 J	51.7	129
1	MW-2103 DUP	4/8/2021	0.070	< 0.0010	< 0.00024	0.0051 J	**1.1**	**1.3**	*0.16*	*0.18*	344	23.7 J	*168*	*145*	< 1.2	6.0	11.2	51.0	423
1	MW-2103 DUP	2/23/2022	0.040	< 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
1	MW-2103 DUP	3/22/2022	0.30	< 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	36.0	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**	**0.60**	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	0.10	< 0.0010	< 0.00024	0.0025	**6.1**	**8.6**	**0.46**	**0.47**	454	75.0	*205*	**1060**	< 1.2	14.4	6.9	540	2170
1	MW-2103 DUP	4/26/2023	0.046	< 0.0010	< 0.00024	0.0036	**10.9**	**12.3**	**0.58**	**0.59**	612	60.2	*160*	**1190**	< 1.2	18.9	12.1	295	7830
1	MW-2103 DUP	7/26/2023	0.085	< 0.0010	< 0.00024	0.0014	**3.4**	**5.2**	*0.27*	*0.27*	429	45.4 J	*165*	*216*	< 1.2	14.1	14.3	338	2420
1	MW-2103 DUP	10/19/2023	0.064	< 0.0010	< 0.00024	0.0053	**5.6**	**7.8**	*0.28*	*0.28*	384	128	75.8	**1690**	< 1.2	29.7	0.56 J	9.2	132
1	MW-2103 DUP	1/23/2024	0.024	< 0.010	< 0.0024	0.0083 J	**2.9**	**4.5**	*0.083*	*0.078*	600	82.2	*156*	**3670**	< 1.2 UJ	31.6	0.53 J	4.0 J	125 J
1	PZ-2103	12/14/2020	0.12	< 0.0010	< 0.00024	0.0020	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	81.0
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	4/26/2023	0.021 J	< 0.010	< 0.0024	0.0084 J	**82.5 J**	**66.4 J**	**1.6**	**1.9**	4720	6210	**906 J**	**13100**	< 12.0	1930	339 J	11300 J	55.0 J
1	PZ-2103	7/26/2023	0.019	< 0.020	< 0.0047	0.0085	**109**	**98.0**	**1.4**	**1.3 J**	4130	7560	**833**	**8080**	1.4 J	1490	468	5130	78.8
1	PZ-2103	10/19/2023	< 0.070	< 0.10	< 0.024	< 0.028	**91.0**	**111**	**1.0**	**1.1**	3700	3940	**803**	**9650**	1.6 J	1350	499 J-	5600 J-	58.5 J-
1	PZ-2103	1/23/2024	0.022 J	< 0.051	< 0.0024	< 0.014	**80.7**	**78.0**	**1.3**	**1.2**	3810	4020	**899**	**11100**	< 1.2	1190	367	5670	87.2 J
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

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-2103 DUP	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	0.0010	**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**	**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**	**0.80**	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**	**2.0**	4670	8680	**802 J**	**14300**	2.0 J	2070	322	3910 J	73.1
1	PZ-2103 DUP	4/26/2023	0.022 J	< 0.010	< 0.0024	0.0079 J	**85.8 J**	**68.3 J**	**1.6**	**1.8**	4750	5740	**901 J**	**13000**	12.0 J	1910	170 J	6890 J	25.6 J
1	PZ-2103 DUP	7/26/2023	0.021	< 0.020	< 0.0047	0.0068	**115**	**127**	**1.4**	**1.9 J**	4060	8110	**838**	**10100**	1.4 J	1530	467	5280	79.4
1	PZ-2103 DUP	10/19/2023	< 0.070	< 0.10	< 0.024	< 0.028	**85.8**	**96.2**	**1.1**	**1.0**	3680	4240	**958 J**	**9820**	< 1.2	1400	479 J-	9170 J-	56.3 J-
1	PZ-2103 DUP	1/23/2024	< 0.035	< 0.051	< 0.012	< 0.014	**77.1**	**76.4**	**1.2**	**1.2**	3830	3500	**945**	**12200**	< 1.2	1140	263	7240	61.3 J
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	0.060	< 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**	*0.20*	*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	**2.0**	**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	0.10	< 0.0010	< 0.00024	0.0012	**5.3**	**4.3**	*0.20*	*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	**4.0**	**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	0.010	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	0.0090	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	0.10	< 0.0010	< 0.00024	0.0012	< 0.058	< 0.058	0.0019 J	0.017	172	< 14.7	93.2	**252**	< 1.2	2.8	< 0.39	< 0.25	< 0.58
1	MW-2106	12/14/2020	0.20	< 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	0.20	< 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	0.0020	**2.2**	**3.0**	*0.25*	*0.27*	687	230	87.3	80.0	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	0.030	< 0.0010	< 0.00024	0.0011	**4.9**	**5.1**	*0.25*	*0.24*	308	32.6 J	23.4	**1570**	< 1.2	9.6	1.9 J	14.3	1100
1	MW-2106	4/24/2023	0.028	< 0.0010	< 0.00024	0.0010	**4.6**	**5.2**	**0.31**	**0.33**	489	94.1	41.4	**894 J**	< 1.2	27.5	1.7 J	29.5	979
1	MW-2106	7/25/2023	0.18	< 0.0010	< 0.00024	0.0010	**1.4**	**1.6**	*0.20*	*0.20*	547	117	55.5	**265**	< 1.2	30.9	8.6	331	2710
1	MW-2106	10/16/2023	0.14	< 0.0010	0.00042 J	0.0030	**6.4**	**6.3**	*0.25*	*0.26*	231	40.9 J	37.8 J	**1470**	< 1.2	8.1	0.45 J	2.3 J	447
1	MW-2106	1/23/2024	0.019	< 0.0010	< 0.00024	0.0013	**3.6**	**4.2**	**0.91**	**0.97**	347	15.9 J	65.4	**1440**	< 1.2 UJ	8.9	2.4 J	1.9 J	1690

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2107	12/9/2020	0.24	< 0.0010	< 0.00024	0.0024	**1.1**	**1.0**	*0.18*	*0.17*	292	52.9	40.3	*161*	< 1.2	16.3	8.2	17.8	493
1	MW-2107	4/7/2021	0.25	< 0.0010	< 0.00024	0.0024	**1.7**	**2.1**	*0.18*	*0.19*	324	43.9 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**	*0.20*	*0.20*	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	18.0	8.4	3030
1	MW-2107	7/25/2022	0.051	< 0.0010	< 0.00024	0.0013	**66.6**	**70.8**	*0.13*	*0.12*	590 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**	*0.20*	*0.17*	185	132	23.3	**2200**	< 1.2	33.3	16.7	5.6	5510
1	MW-2107	4/26/2023	0.013	0.0013 J	< 0.00024	0.00095 J	**32.3**	**38.7**	*0.060*	*0.086*	828	160	40.1 J	**366**	< 12.0	43.0	15.5	3.2 J	21300
1	MW-2107	7/25/2023	0.016	< 0.0010	< 0.00024	0.0011	**35.8**	**33.5**	*0.065*	*0.088*	693	134	40.8	< 4.4	< 1.2	25.8	16.6	< 0.25	4980
1	MW-2107	10/17/2023	0.091	< 0.0010	0.00030 J	0.0020	**28.3**	**31.9**	*0.10*	*0.10*	621	130	43.8	< 4.4	< 1.2 UJ	22.4	21.7	< 0.25	7840
1	MW-2107	1/23/2024	0.020	< 0.0010	< 0.00024	0.0030	**11.9**	**11.5**	*0.24*	*0.24*	768	80.0	39.8	*206* J-	2.4 J-	17.6	15.8	< 0.25	8280
1	PZ-2107	12/9/2020	0.10	< 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	0.040	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	0.050	< 0.0010	< 0.00024	0.0050	**0.49**	**0.43**	*0.079* J	0.048 J	323	41.1 J	**406**	**260**	< 1.2	6.4	0.53 J	3.0 J	15.1
1	PZ-2107	4/26/2023	0.045	< 0.0010	< 0.00024	0.0049	< 0.058	*0.26*	0.010	0.027	353	15.7 J	**397**	*236*	< 1.2	5.5	< 0.39	1.0 J	3.9
1	PZ-2107	7/25/2023	0.051	< 0.0010	< 0.00024	0.0051	**0.42**	**0.55**	**0.32**	**0.31**	348	32.6 J	**417**	*235*	< 1.2	5.5	1.1 J	7.0	47.4 J+
1	PZ-2107	10/17/2023	0.050	< 0.0010	< 0.00024	0.0048	**1.9**	**1.6**	*0.14*	*0.26*	336	34.5 J	**391**	*212*	< 1.2 UJ	5.5	3.3 J	24.9	144
1	PZ-2107	1/23/2024	0.046	< 0.0010	< 0.00024	0.0058	*0.23* J-	**0.48**	0.020	0.032	327	< 14.7	**411**	*214* J-	< 1.2 UJ	4.8	< 0.39	3.4 J	14.6
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	20.0	*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	91.0
1	MW-2108	3/21/2022	0.082	< 0.0010	< 0.00024	0.0062	**0.72**	**0.91**	*0.20*	*0.20*	268	80.8	69.2	79.0	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**	*0.20*	*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	**2.0**	**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	**6.0**	**5.4**	*0.29*	*0.27*	429	84.3	**2020**	95.6	< 1.2	3.2	2.0 J	< 1.2	241
1	PZ-2109	4/7/2021	0.23	< 0.0010	< 0.0012	0.00049 J	**4.9**	**4.8**	*0.24*	*0.23*	415	100	**2160**	*186*	< 1.2	3.3	< 1.2	< 1.2	144
1	PZ-2109	2/21/2022	0.22	< 0.0010	< 0.00024	0.00034 J	**5.8**	**7.0**	*0.23*	*0.25*	414	65.5	**2190**	*164*	< 1.2	1.7	1.1 J	0.82 J	116

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	3/21/2022	0.24	0.0025 J	< 0.00024	0.00066 J	**4.9**	**6.0**	*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	0.0020	**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	0.030	< 0.0010	< 0.00024	0.0045	*0.29*	**0.45**	*0.25*	*0.29*	402	< 15.5	119	**603**	< 1.2	3.0	< 0.39	< 0.25	< 0.58
1	MW-2110	7/25/2022	0.075	< 0.0010	< 0.00024	0.0019	**0.85**	**1.1**	**0.37**	**0.39**	371 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	0.0010	**0.36**	**0.87**	*0.22*	*0.23*	318	43.2 J	*158*	**358**	< 1.2	3.0	< 0.39	< 0.25	< 0.58
1	MW-2110	4/26/2023	0.022	< 0.0010	< 0.00024	0.0019	**0.44**	**2.1**	*0.21*	**0.40**	353	< 14.7	111	**423**	< 1.2	3.0	< 0.39	< 0.25	2.8
1	MW-2110	7/24/2023	0.045	< 0.0010	< 0.00024	0.00069 J	**0.34**	**1.6**	*0.18*	**0.34**	333	21.0 J	*133*	**262**	< 1.2 UJ	2.8	< 0.39	< 0.25	1.4 J
1	MW-2110	10/18/2023	0.058	< 0.0010	< 0.00024	0.00060 J	**0.47**	**0.50**	*0.18*	*0.18*	3590 J-	25.9 J	*140*	**347**	< 1.2 UJ	2.8	< 0.39	< 0.25	4.0
1	MW-2110	1/22/2024	0.024	< 0.0010	< 0.00024	0.0017	*0.23* J	*0.26*	*0.21*	*0.18*	412	< 15.5	101	**565** J-	< 1.2 UJ	2.8	< 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	0.0020	*0.21* J	*0.19* J	*0.18*	*0.20*	341	19.3 J	**580**	**301**	< 1.2 UJ	2.9	< 1.2	< 1.2	4.7
1	PZ-2110	2/21/2022	0.060	< 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	3.0
1	PZ-2110	3/21/2022	0.062	< 0.0010	< 0.00024	0.0011	**1.7**	**1.7**	*0.25*	*0.25*	361	15.7 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	0.060	< 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	PZ-2110	4/26/2023	0.054	< 0.0010	< 0.00024	0.0017	**0.91**	**1.1**	*0.12*	*0.13*	309	< 14.7	**576**	**343**	< 1.2 UJ	2.3	< 0.39	< 0.25	2.8 J
1	PZ-2110	7/24/2023	0.050	< 0.0010	< 0.00024	0.0013	**0.93**	**0.78**	*0.11*	*0.092*	300	25.4 J	**614**	**380**	< 1.2	2.3	< 0.39	0.35 J	1.4 J
1	PZ-2110	10/18/2023	0.053	< 0.0010	< 0.00024	0.0015	**2.1** J	**1.5** J	*0.16*	*0.15*	324 J-	< 14.7	**529**	**390**	< 1.2	2.6	< 0.39	< 0.25	8.1
1	PZ-2110	1/22/2024	0.049	< 0.0010	< 0.00024	0.0010	**1.7**	**1.5**	*0.15*	*0.13*	299	22.7 J	**519**	**368** J-	< 1.2	2.2	< 0.39	< 0.25	5.7
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**	**0.70**	**0.70**	2760	10600	79.2	93.9	< 1.2	3130	52.2	83.3	200
1	MW-2111	3/23/2022	0.085	< 0.0051	< 0.0012	< 0.0014	**353**	**328**	**0.47**	**0.45**	1360	4240	81.2	10.3	< 1.2	1250	121	194	210
1	MW-2111	4/26/2022	0.071	< 0.010	< 0.00024	< 0.0028	**129**	**117**	**1.8**	**2.0**	1260 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	0.070	< 0.0051	< 0.0012	< 0.0014	**406**	**423**	**0.56**	**0.60**	1360	1870	*150* J+	20.3 J+	2.8 J	979	526	523	981
1	MW-2111	4/26/2023	0.042	< 0.0010	< 0.00024	*0.062*	**28.0**	**40.4**	*0.26* J	*0.18* J	433	351	30.0 J	**1580**	< 12.0 UJ	104	16.3	11.5	8670
1	MW-2111	7/27/2023	NA	NA	NA	NA	**8970** J-	NA	**6.4** J-	NA	687 J-	NA	NA	NA	245 J-	92.4 J-	131 J-	5120 J-	
1	MW-2111	10/18/2023	0.060	< 0.0010	< 0.00024	0.014	**140**	**117**	**0.32** J	*0.24* J	1490 J-	3250	70.7	9.1 J	< 1.2 UJ	1050	137	180	4470

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	MW-2111	1/22/2024	0.078	< 0.0010	< 0.00024	0.0054	**58.2**	**72.8**	**0.78**	**0.83**	545	251	18.2 J	**1350 J-**	1.4 J-	108	94.2	78.7	22900
1	PZ-2111	12/11/2020	0.090	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**	< 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	41.0	61.2	8240
1	PZ-2111	4/26/2023	**2.0**	< 0.0010	< 0.00024	< 0.00028	**126**	**119**	**0.82**	**0.77**	3690	NA	91.4	< 4.4	< 23.9 UJ	2820	39.3	19.6	7550
1	PZ-2111	7/27/2023	*1.8*	< 0.0020	0.00072	< 0.0057	**172**	**163**	**0.74**	**0.69**	3110	6550	100	< 4.4	< 1.2	2220	36.8	54.1	8780
1	PZ-2111	10/18/2023	*1.4*	< 0.0020	< 0.00047	< 0.00057	**175**	**185**	**0.32**	**0.42**	2440 J-	5190	99.3 J+	< 4.4	< 1.2	1700	19.6 J-	41.2 J-	6140 J-
1	PZ-2111	1/22/2024	*1.5*	< 0.0010	< 0.00024	0.00032 J	**130**	**131**	**0.37**	**0.35**	2200	4410	94.4	< 4.4 UJ	< 1.2	1390	< 0.39	20.7	12300
1	MW-2112	12/15/2020	0.060	< 0.0010	< 0.00024	0.0015	**3.3**	**3.3**	**0.38**	**0.40**	341	39.5 J	79.3	**284**	< 1.2	8.0	< 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	22.0
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	94.0	56.2	**385**	1.6 J	15.7	0.64 J	10.2	65.0
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	16.0	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	0.070	< 0.0010	< 0.00024	0.0019	**3.0**	**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	4/25/2023	0.092	< 0.0010	< 0.00024	0.0019	**1.6**	**11.2**	**0.51**	**0.56**	434	87.7	74.0	**331**	7.2 J-	20.2	3.2 J	70.2	2500
1	MW-2112	7/26/2023	0.082	< 0.0010	< 0.00024	0.0016	**1.7**	**2.9**	**0.33**	**0.33**	413	62.3	82.1	**352**	< 1.2	15.0	1.4 J	40.6	945
1	MW-2112	10/18/2023	0.14	< 0.0010	< 0.00024	0.0015	**1.8**	**2.2**	**0.74**	**0.78**	316	88.7	32.6	*223* J+	< 1.2	16.2	< 0.39	5.2	3970
1	MW-2112	1/23/2024	0.15	< 0.0010	0.00059 J	0.0028	**2.8**	**2.8**	**1.1**	**0.99**	436	43.2 J	49.8	**298 J-**	2.0 J-	14.3	< 0.39	11.3	2080
1	MW-2112 DUP	12/15/2020	0.060	< 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	*0.10*	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	0.0010	**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	0.30	< 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	4/25/2023	0.24	< 0.0010	< 0.00024	0.00041 J	**1.4**	**3.8**	0.047	0.051	566	< 14.7	*194*	63.3 J	< 1.2 UJ	3.1	< 0.39	< 0.25	3500
1	PZ-2112	7/26/2023	0.22	< 0.0010	< 0.00024	0.00034 J	**2.0**	**4.8**	0.044	0.045	543	32.6 J	*196*	58.8	< 1.2	3.1	< 0.39	< 0.25	4320

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-2112	10/18/2023	0.23	< 0.0010	< 0.00024	0.0026	**1.2**	**1.3**	0.026	0.023	535	< 14.7	*203*	47.1	< 1.2	3.3	< 0.39	< 0.25	906
1	PZ-2112	1/23/2024	0.26	< 0.0010	< 0.00024	0.0014	**6.3** J	**4.3** J	0.058	0.059	533	< 14.7	*203*	83.2 J-	< 1.2 UJ	2.7	< 0.39	< 0.25	1930
1	PZ-2112 DUP	12/15/2020	0.086	< 0.0010	< 0.00024	0.0046	< 0.058	< 0.058	0.020	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*	*0.20*	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	**6.0**	**5.1**	**0.47**	**0.45**	1340	1180	79.2	55.0	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	72.0	**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*	*0.20*	532 J-	94.0	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	MW-2113	4/26/2023	0.11	< 0.0010	< 0.00024	0.0092	**3.2**	**3.0**	*0.19*	*0.18*	534	96.2	51.9	**540**	1.2 J	40.4	1.2 J	9.3	2240
1	MW-2113	7/26/2023	0.19	0.0016 J	*0.0023*	0.0060	**6.8**	**6.2**	*0.16* J	*0.13* J	527	72.9	44.9	**322**	< 1.2	18.3	3.8 J	87.8	2220
1	MW-2113	10/17/2023	0.088	< 0.0010	0.00031 J	0.014	**1.8**	**1.6**	*0.062* J	0.035 J	532	258	54.8	**1310**	< 1.2 UJ	69.5	< 0.39	1.4 J	120
1	MW-2113	1/23/2024	0.079	< 0.0010	0.00044 J	0.010	**2.2**	**2.3**	*0.22*	*0.23*	559	97.3	44.9	**597**	< 1.2 UJ	33.3	4.4 J	51.2	3230
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	84.0
1	PZ-2113	4/9/2021	0.10	< 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	**94.0**	**86.6**	**0.39**	**0.37**	1600	1940	**351**	< 4.4	< 1.2	1090	309	1290	3900
1	PZ-2113	4/26/2023	*1.1*	< 0.0010	< 0.00024	< 0.00028	**54.4**	**54.8**	**0.35**	**0.32**	1710	156	**326**	7.7 J	< 1.2	1090	148	1250	5170
1	PZ-2113	8/28/2023	*1.1*	< 0.0010	< 0.00024	< 0.00028	**56.7**	**67.8**	*0.26*	*0.27*	1350	2830	**378**	< 8.9	9.6 J	900	113	2700	9030
1	PZ-2113	10/17/2023	*1.1*	< 0.0010	< 0.00024	< 0.00028	**55.7**	**53.6**	*0.22*	*0.22*	2530	1950	**349**	< 22.2	< 1.2 UJ	871	260	2490	7750
1	PZ-2113	1/23/2024	*0.96*	< 0.0010	< 0.00024	< 0.00028	**42.3**	**45.9**	*0.18*	*0.18*	1180	2250	**378**	< 4.4	< 1.2 UJ	750	108	1970	12000
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	0.10	< 0.0010	< 0.00024	0.0061	**2.2**	**2.6**	*0.13*	*0.13*	465	131	52.4	19.8	< 1.2	26.6	12.0	2.3 J	4400
1	MW-2114	2/21/2022	0.16	< 0.0010	< 0.00024	0.0050	**3.2**	**4.2**	*0.14*	*0.15*	450	160	86.3	26.2	< 1.2	33.2	25.0	7.1	1830
1	MW-2114	3/21/2022	0.18	< 0.0010	< 0.00024	0.0044	**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	46.0	16.2	2.1 J	5430
1	MW-2114	4/26/2023	0.11	< 0.0010	< 0.00024	0.014	**3.6**	**4.2**	**0.31**	**0.30**	609	192	92.1	**268**	< 1.2 UJ	43.8	20.1	8.9	8670

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	7/24/2023	0.15	< 0.0010	0.00067 J	0.0073	**1.6 J**	**0.95 J**	*0.18*	*0.15*	577	120	105	95.5	< 1.2	31.4	11.3	< 0.25	6350
1	MW-2114	10/16/2023	0.17	< 0.0010	< 0.00024	0.013	**4.6**	**5.0**	**0.52**	**0.54**	583	246	95.8	**641**	< 1.2	65.3	12.2	0.90 J	5310
1	MW-2114	1/22/2024	0.079	< 0.0010	0.00030 J	0.014	**2.5**	**2.4**	**0.46**	**0.41**	585	147	84.0	**436 J-**	1.8 J-	46.6	17.4	1.6 J	9010
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	0.030	152	< 14.7	80.1	87.5	< 1.2	2.7	< 0.39	< 0.25	< 0.58
1	PZ-2114	3/21/2022	0.10	< 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	< 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	PZ-2114	4/26/2023	0.16	< 0.0010	< 0.00024	0.0039	< 0.058	< 0.058	< 0.0012	0.0070	242	< 14.7	*132*	*201*	< 1.2 UJ	3.6	< 0.39	< 0.25	< 0.58
1	PZ-2114	7/24/2023	0.17	< 0.0010	< 0.00024	0.0039	< 0.058	< 0.058	0.011	0.018	234	19.9 J	*126*	*187*	< 1.2	3.6	< 0.39	< 0.25	2.8 J
1	PZ-2114	10/16/2023	0.17	< 0.0010	< 0.00024	0.0047	< 0.058	< 0.058	*0.15*	*0.17*	261	< 14.7	*136*	*196*	< 1.2	4.2	< 0.39	< 0.25	27.2
1	PZ-2114	1/22/2024	0.15	< 0.0010	< 0.00024	0.0049	< 0.058	< 0.058	0.0030 J	0.013	242	< 14.7	*132*	*174 J-*	< 1.2 UJ	3.5	< 0.39	< 0.25	7.2
1	MW-61	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.1	NA	NA	NA
1	MW-61	6/15/2017	NA	NA	NA	NA	**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	**2.0**	**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	0.20	< 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	27.0	< 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**	*0.20*	*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	5.0	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*	*0.20*	266	51.7	74.3	*199*	< 1.2	12.8	7.9	82.8	1040
1	MW-61	4/26/2023	0.074	< 0.0010	< 0.00024	0.0015	**3.8**	**4.5**	*0.14*	*0.15*	377	36.6 J	**272**	77.5	< 1.2 UJ	7.4	12.9	80.8	2300
1	MW-61	7/26/2023	0.091	< 0.0010	< 0.00024	0.0013	**3.3**	**4.7**	*0.17*	*0.19*	282	58.1	*170*	**417**	< 1.2	11.5	38.3	688	1960
1	MW-61	10/19/2023	0.14	< 0.0010	< 0.00024	0.0016	**3.6**	**3.7**	*0.28*	**0.30**	203	32.4 J	89.4	**466**	< 1.2	13.2	29.5	369	1750
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
1	MW-61 DUP	10/19/2023	0.13	< 0.0010	< 0.00024	0.0010	**3.7**	**3.7**	*0.28*	**0.30**	204	40.9 J	92.7	**456**	< 1.2	12.4	35.8	457	1520

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
1	PZ-61	6/15/2017	NA	NA	NA	NA	**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	**25.0**	**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	0.0030	**130**	**135**	*0.15*	*0.20*	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*	**0.40**	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-61	4/26/2023	0.15	< 0.0010	< 0.00024	0.0051	**27.3**	**27.1**	*0.25*	*0.28*	442	87.9	*176*	34.6 J	2.8 J-	20.6	11.6	< 0.25	12300
1	PZ-61	7/26/2023	0.25	< 0.0010	< 0.00024	0.0075	**51.4**	**62.2**	*0.20*	*0.25*	724	120	**533**	< 4.4	< 1.2 UJ	22.3	12.7	< 0.25	7320
1	PZ-61	10/19/2023	0.33	< 0.0010	< 0.00024	0.010	**53.9**	**49.6**	*0.16*	*0.16*	788	86.5	**637**	19.2 J	< 1.2	19.7	10.8	< 0.25	6410
1	PZ-75	3/17/2017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.52 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	**26.0**	**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, July 2023 exceedances are *underlined italics*.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 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 in Groundwater
Treatment Area 2
Former Kenosha Engine Plant

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	6	70	5	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	0.6	7	0.5	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
2	MW-31	5/16/2018	< 5	< 2.4	< 4.1	< 5	< 25	*27*	< 2.3	< 5	< 5	15	**807**	< 1.8
2	MW-31	10/17/2018	< 0.98	< 1.1	*1.3* J	< 0.99	< 5.1	*17.9*	< 2.3	< 1.3	< 0.69	9.6 J	**470**	< 0.7
2	MW-31	4/16/2019	< 0.24	0.31 J	*5.4*	< 0.25	< 1.3	**99.1**	< 0.58	< 0.33	< 0.17	*70.6*	**117**	**0.37** J
2	MW-31	10/9/2019	1.1	< 0.27	< 0.24	< 0.25	< 1.3	1.1	< 0.58	< 0.33	< 0.17	< 1.1	**239**	< 0.17
2	MW-31	4/15/2020	0.32 J	< 0.27	*2.2*	< 0.25	< 1.3	*42.2*	< 0.58	< 0.33	< 0.27	*26.4*	**133**	< 0.17
2	MW-31	11/4/2020	< 0.24	0.39 J	*5.6*	< 0.25	< 1.3	**115**	< 0.58	< 0.33	< 0.27	*87.5*	**180**	< 0.17
2	MW-31	4/9/2021	< 0.61	< 0.59	*4.3*	< 0.59	< 2.4	**70.7**	< 0.64	< 0.82	< 0.58	*54.5*	**92.6**	< 0.35
2	MW-31	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	*1.7* J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	*0.87* J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	*0.70* J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	0.39 J	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-31	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**5.6**
2	MW-31	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	0.65 J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**4.0**
2	MW-31	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**2.3**
2	MW-31	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	0.92 J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**25.6**
2	MW-31	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	0.79 J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**9.6**
2	MW-113	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 2.5	< 0.26	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
2	MW-113	10/18/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	< 0.17
2	MW-113	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-113	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-113	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	7/27/2023	< 0.30 UJ	< 0.30 UJ	< 0.58 UJ	< 0.30 UJ	< 0.50 UJ	< 0.47 UJ	< 0.32 UJ	< 0.41 UJ	< 0.29 UJ	< 0.53 UJ	< 0.32 UJ	< 0.17 UJ
2	MW-113	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	*0.71* J	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-113	1/24/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-114	5/16/2018	3.3	1.3	< 0.41	< 0.5	< 2.5	3.9	< 0.23	< 0.5	< 0.5	0.57 J	**10.4**	**8.6**
2	MW-114	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.3	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**14.1**
2	MW-114	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	2.1	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**10.1**
2	MW-114	10/9/2019	2.3	1.4	< 0.24	< 0.25	< 1.3	2.4	< 0.58	< 0.33	< 0.17	< 1.1	**6.9**	**10.9**
2	MW-114	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.6	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	**10.4**
2	MW-114	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.9	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	**12**
2	MW-114	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.5	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**13.1**
2	MW-114	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**18.7**

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	6	70	5	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	0.6	7	0.5	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
2	MW-114	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**22.2**
2	MW-114	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.6	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**32.0**
2	MW-114	4/25/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	6.7	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**62.0**
2	MW-114	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**47.6**
2	MW-114	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**4.3**
2	MW-114	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**2.0**
2	MW-114	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**1.4**
2	MW-114	7/26/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	0.73 J	< 0.53	< 0.32	**1.6**
2	MW-114	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	1.3	< 0.53	< 0.32	< 0.17
2	MW-114	1/23/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**0.22 J**
2	MW-114 DUP	5/16/2018	3.4	1.3	< 0.41	< 0.5	< 2.5	4.2	< 0.23	< 0.5	< 0.5	0.68 J	**11.5**	**7.8**
2	MW-114 DUP	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.3	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**14.1**
2	MW-114 DUP	4/16/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.7	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**10.7**
2	MW-114 DUP	10/9/2019	2.4	1.3	< 0.24	< 0.25	< 1.3	2.7	< 0.58	0.43 J	< 0.17	< 1.1	**7**	**9.6**
2	MW-114 DUP	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.5	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	**9.9**
2	MW-114 DUP	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	1.5	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	**10**
2	MW-114 DUP	4/6/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**12.3**
2	PZ-118	5/16/2018	< 0.5	< 0.24	< 0.41	< 0.5	< 2.5	4.7	< 0.23	< 0.5	< 0.5	< 0.26	< 0.33	**22.1**
2	PZ-118	10/17/2018	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	5.2	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**17.3**
2	PZ-118	4/17/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	2.6	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**1.8**
2	PZ-118	10/9/2019	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	3.9	< 0.58	< 0.33	< 0.17	< 1.1	< 0.26	**3.7**
2	PZ-118	4/15/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	*12.8*	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	**4.5**
2	PZ-118	11/4/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	*13.8*	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	**8.8**
2	PZ-118	4/7/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	6.9	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**3.1**
2	PZ-118	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	6.0	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**1.9**
2	PZ-118	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	4.4	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**0.83 J**
2	PZ-118	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.3	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**1.9**
2	PZ-118	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.6	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**1.6**
2	PZ-118	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.9	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**2.4**
2	PZ-118	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	*7*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**3.1**
2	PZ-118	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-118	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	2.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**0.64 J**
2	PZ-118	7/26/2023	< 0.30 UJ	< 0.30 UJ	< 0.58 UJ	< 0.30 UJ	< 0.50 UJ	1.9 J-	< 0.32 UJ	< 0.41 UJ	< 0.29 UJ	< 0.53 UJ	< 0.32 UJ	**0.83 J-**
2	PZ-118	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	2.4	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**0.99 J**
2	PZ-118	1/23/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	1.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2201	12/9/2020	< 0.24	9.6	0.53 J	< 0.25	< 1.3	**289**	< 0.58	< 0.33	< 0.27	*35.3*	**16.1**	**11.6**
2	MW-2201	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	**5.7**	< 0.17
2	MW-2201	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	5.8	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**1.6**
2	MW-2201	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	*11.2*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**3.8**
2	MW-2201	2/28/2022	< 0.30	0.46 J	< 0.58	< 0.30	< 1.2	*26.3*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**12.7**

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	6	70	5	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	0.6	7	0.5	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
2	MW-2201	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	*17.6*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**8.9**
2	MW-2201	7/26/2022	< 0.30	2.0	< 0.58	< 0.30	< 1.2	**357**	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**316**
2	MW-2201	10/26/2022	< 1.5	< 1.5	< 2.9	< 1.5	< 5.9	**245**	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	**542**
2	MW-2201	1/24/2023	< 1.5	< 1.5	< 2.9	< 1.5	< 5.9	**189**	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	**229**
2	MW-2201	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	*8.8* J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**8.6** J
2	MW-2201	7/25/2023	< 0.30	1.2	< 0.58	< 0.30	< 0.50	**127** J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**199**
2	MW-2201	10/17/2023	< 1.5	1.8 J	< 2.9	< 1.5	< 2.5	**199**	< 1.6	< 2.0	< 1.4	< 2.6	< 1.6	**292** J
2	MW-2201	1/22/2024	< 0.30	0.38 J	< 0.58	< 0.30	< 0.50	*26.2*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**9.1**
2	MW-2201 DUP	12/9/2020	< 0.49	8.6	< 0.49	< 0.49	< 2.5	**276**	< 1.2	< 0.65	< 0.54	*32.6*	**13.1**	**10.5**
2	MW-2201 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.60 J	< 0.32	< 0.41	< 0.29	< 0.53	**5.6**	< 0.17
2	MW-2201 DUP	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	6.3	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**2.1**
2	MW-2201 DUP	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	*11.0*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**4.2**
2	MW-2201 DUP	2/28/2022	< 0.30	0.41 J	< 0.58	< 0.30	< 1.2	*25.9*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**12.1**
2	MW-2201 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	*18.1*	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**7.9**
2	MW-2201 DUP	7/26/2022	< 0.61	1.9 J	< 1.2	< 0.59	< 2.4	**337**	< 0.64	< 0.82	< 0.58	1.6 J	< 0.64	**279**
2	MW-2201 DUP	10/26/2022	< 0.61	2.5	< 1.2	< 0.59	< 2.4	**246**	< 0.64	< 0.82	< 0.58	< 1.1	< 0.64	**523**
2	MW-2201 DUP	1/24/2023	< 0.61	1.3 J	< 1.2	< 0.59	< 2.4	**185**	< 0.64	< 0.82	< 0.58	< 1.1	< 0.64	**215**
2	MW-2201 DUP	4/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	*12.4* J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**13.6** J
2	MW-2201 DUP	7/25/2023	< 0.30	1.6	< 0.58	< 0.30	< 0.50	**190** J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	**234**
2	MW-2201 DUP	10/17/2023	< 0.30	2.7	< 0.58	< 0.30	< 0.50	**262**	< 0.32	< 0.41	< 0.29	0.56 J	< 0.32	**410** J
2	MW-2201 DUP	1/22/2024	< 0.30	0.39 J	< 0.58	< 0.30	< 0.50	*28.3*	< 0.32	< 0.41	< 0.29	< 0.53	0.37 J	**10.2**
2	MW-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	*19.2*	< 0.58	< 0.33	< 0.27	2.6	< 0.26	**3.5**
2	MW-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	*9.4*	< 0.32	< 0.41	< 0.29	2.2	< 0.32	**2.8**
2	MW-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*1.7*	< 0.17
2	MW-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.3	< 0.32	< 0.41	< 0.29	< 0.53	*1.5*	< 0.17
2	MW-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.7	< 0.32	< 0.41	< 0.29	< 0.53	*1.2*	< 0.17
2	MW-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*1.4*	< 0.17
2	MW-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*1.1*	< 0.17
2	MW-2202	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.5 J	< 0.32	< 0.41	< 0.29	< 0.53	*1*	< 0.17
2	MW-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*1.1*	< 0.17
2	MW-2202	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*0.96* J	< 0.17
2	MW-2202	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	0.51 J	< 0.32	< 0.41	< 0.29	< 0.53	0.38 J	< 0.17
2	MW-2202	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*1.4*	< 0.17
2	MW-2202	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	*0.84* J	< 0.17
2	PZ-2202	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	*19.2*	< 0.58	< 0.33	< 0.27	3.9	< 0.26	< 0.17
2	PZ-2202	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	2.2	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.8	< 0.32	< 0.41	< 0.29	0.58 J	0.36 J	**3.6**
2	PZ-2202	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	1.2	< 0.32	< 0.41	< 0.29	0.63 J	< 0.32	**2.0**
2	PZ-2202	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.93 J	< 0.32	< 0.41	< 0.29	< 0.53	*0.67* J	< 0.17
2	PZ-2202	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	0.73 J	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Benzene	Chloroform	cis-1,2-Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	5	6	70	5	5	800	100	5	0.2
		PAL	40	85	0.7	0.5	0.6	7	0.5	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date												
2	PZ-2202	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	10/26/2022	< 0.30	< 0.30	< 0.58	0.39 J	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2202	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	MW-2203	4/9/2021	< 0.30	0.35 J	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	MW-2203	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.25	< 1.3	< 0.27	< 0.58	< 0.33	< 0.27	< 0.46	< 0.26	< 0.17
2	PZ-2203	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	12/30/2021	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/31/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	2/28/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 1.2	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	7/25/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	10/17/2023	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
2	PZ-2203	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.30	< 0.50	< 0.47	< 0.32	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

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

Table 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	0.0010	< 0.058	< 0.058	0.019	0.018	399	19.3 J	6.0	**316**	< 1.2	6.9	< 1.2	< 1.2	52.0
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	32.0	40.2	224
2	MW-31	2/28/2022	*0.48*	< 0.0010	< 0.00024	< 0.00028	**36.2**	**37.0**	*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**	**54.0**	**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	**18.0**	**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**	*0.18*	*0.18*	757	175	112	9.3 J	< 1.2	58.1	25.6	52.7	9430
2	MW-31	4/25/2023	0.29	< 0.0010	< 0.00024	0.00030 J	**11.7**	**19.7**	**0.30**	**0.50**	688	70.8	75.1	117	1.6 J	5.3	16.2	38.0	8950
2	MW-31	7/25/2023	0.39	< 0.0010	< 0.00024	< 0.00028	**8.5**	**8.9**	*0.12* J	*0.093* J	716	19.9 J	99.2	10.0	< 1.2	2.4	21.4	39.6	9310
2	MW-31	10/17/2023	*0.44*	< 0.0010	< 0.00024	0.00099 J	**18.6**	**23.1**	**0.91**	**0.77**	656	106	71.1	*164*	< 1.2 UJ	8.6	13.1	37.6	10200
2	MW-31	1/22/2024	0.20	0.0015 J	< 0.00024	0.00043 J	**26.9**	**26.9**	**0.76**	**0.72**	515	< 14.7	23.3	**316 J-**	< 1.2 UJ	2.4	111	109	11700
2	MW-2201	12/9/2020	0.050	< 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	0.050	483	197	75.7	31.1	< 1.2	73.3	10.1	22.0	311
2	MW-2201	2/28/2022	0.080	< 0.0010	< 0.00024	< 0.00028	**10.8**	**11.6**	*0.070*	*0.10*	562	500	86.0	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	91.0	15.5	354	1040
2	MW-2201	10/26/2022	0.099	0.0011 J	< 0.00024	< 0.00028	**7.9**	**8.8**	0.037	0.046	626 J+	281	98.1 J-	37.8	< 1.2	103	32.3 J	599	1030
2	MW-2201	1/24/2023	0.059	< 0.0010	< 0.00024	0.0013	**9.3**	**7.9**	*0.087*	*0.071*	417	39.0 J	77.9	**729**	< 1.2	3.6	6.2	78.5	487
2	MW-2201	4/25/2023	0.033	< 0.0010	< 0.00024	0.0019	**0.72**	**1.3**	*0.23*	*0.24*	449	19.9 J	32.0 J	**270**	1.4 J-	2.1	5.6	39.0	2200
2	MW-2201	7/25/2023	0.075	< 0.0010	< 0.00024	0.00048 J	**11.8**	**12.7**	*0.063*	*0.064*	417	26.3 J	58.4	**281**	< 1.2	3.6	15.5 J	435 J	3120 J
2	MW-2201	10/17/2023	0.067	< 0.0010	< 0.00024	0.0013	**8.3**	**7.7 J**	*0.11*	*0.11*	451	32.4 J	60.9	**292**	< 1.2 UJ	4.0 J	7.9 J	124 J	2810 J
2	MW-2201	1/22/2024	0.035	< 0.0010	< 0.00024	0.0013	**1.5**	**2.0**	*0.083*	*0.068*	508	21.6 J	23.3	**268 J-**	< 1.2 UJ	2.3	1.0 J	5.7	278
2	MW-2201 DUP	12/9/2020	0.050	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	0.0080	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**	*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	20.0	< 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	56.0	**277**	< 1.2	6.0	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	0.030	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	**9.0**	**7.4**	*0.086*	*0.071*	412	41.1 J	76.3	**797**	< 1.2	4.6	6.8	83.0	535
2	MW-2201 DUP	4/25/2023	0.035	< 0.0010	< 0.00024	0.0019	**0.82**	**1.5**	*0.24*	*0.23*	453	< 14.7	32.4 J	*223*	< 1.2 UJ	2.0	6.0	41.3	2140
2	MW-2201 DUP	7/25/2023	0.081	< 0.0010	< 0.00024	0.00046 J	**11.6**	**12.2**	*0.065*	*0.067*	448	28.4 J	58.7	**254**	< 1.2	4.6	20.2	408	3450
2	MW-2201 DUP	10/17/2023	0.065	< 0.0010	< 0.00024	0.0010	**7.2**	**11.1 J**	*0.10*	*0.12*	411	< 14.7	49.7	**254**	< 1.2 UJ	2.2 J	16.7 J	319 J	4140 J
2	MW-2201 DUP	1/22/2024	0.036	< 0.0010	< 0.00024	0.0015	**1.4**	**2.0**	*0.096* J	*0.073* J	495	19.4 J	24.3	**270 J-**	< 1.2 UJ	2.4	1.3 J	8.3	306

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	N	N	N
Treatment Area	Sample Location	Sample Date																	
2	MW-2202	12/8/2020	0.077	< 0.0010	< 0.00024	0.0015	**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
2	PZ-2202	12/8/2020	0.057	< 0.0010	< 0.00024	0.00075 J	**1.2** J+	**1.0**	*0.060*	*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	6.0	414
2	PZ-2202	1/31/2022	0.29	< 0.0020	< 0.00047	< 0.00057	**157**	**166**	**0.50**	**0.48**	924	1560	*130*	73.1	< 1.2	486	18.0	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	31.0	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	0.030	< 0.0010	< 0.00024	0.0030	< 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	*0.060*	338	17.0 J	117	*233*	< 1.2 UJ	4.0	< 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	3.0	< 1.2	< 1.2	6.1
2	PZ-2203	12/30/2021	0.090	< 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	0.0020	< 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	< 0.39	< 0.25	< 0.58

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

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	70	600	600	5	400	70	5	60	5	800	100	5	0.2
		PAL	40	85	0.7	14	60	120	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date																
3	MW-2301	12/7/2020	< 0.24	< 0.27	**11.0**	< 0.95	< 0.71	< 0.63	< 0.25	< 1.3	**1270**	< 0.58	< 1.2	< 0.33	< 0.27	**316**	**285**	**2.2** J+
3	MW-2301	4/9/2021	< 3.0	< 3.0	< 5.8	< 9.5	< 3.3	< 3.5	< 3.0	< 13.8	**717**	< 3.2	< 11.3	< 4.1	< 2.9	**172**	**146**	< 1.7
3	MW-2301	11/20/2021	< 0.61	< 0.59	< 1.2	< 1.9	< 0.65	< 0.70	< 0.59	< 2.8	< 0.94	< 0.64	< 2.3	< 0.82	< 0.58	< 1.1	*0.65* J	< 0.35
3	MW-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.60 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.66** J
3	MW-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.83 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.71** J
3	MW-2301	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.95 UJ	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.64** J
3	MW-2301	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17 UJ
3	MW-2301	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	*8.8*	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**2.3**
3	MW-2301	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.95 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17 UJ
3	MW-2301	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.88 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.4**
3	MW-2301	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	1.6	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.2**
3	MW-2301	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2301	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.48 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**3.4**
3	MW-2301 DUP	4/9/2021	< 3.0	< 3.0	< 5.8	< 9.5	< 3.3	< 3.5	< 3.0	< 13.8	**716**	< 3.2	< 11.3	< 4.1	< 2.9	**165**	**145**	< 1.7
3	MW-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.93 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.72** J
3	MW-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.95 UJ	< 0.33	< 0.35	< 0.30	< 1.4	0.48 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.71** J
3	MW-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.79 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**2.1** J
3	MW-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	*7.7*	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.9**
3	MW-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	1.3	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.5** J
3	MW-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.99 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.6**
3	MW-2301 DUP	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	1.3	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.6**
3	MW-2301 DUP	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2301 DUP	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	0.54 J	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**3.4**
3	PZ-2301	12/7/2020	< 0.24	< 0.27	< 0.24	< 0.95	< 0.71	< 0.63	*2.4*	< 1.3	0.51 J	< 0.58	< 1.2	< 0.33	1.2	< 0.46	< 0.26	< 0.80 U
3	PZ-2301	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301	1/22/2024	< 0.30	< 0.30	< 0.58	1.3 J-	0.75 J-	0.83 J-	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	4/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	70	600	600	5	400	70	5	60	5	800	100	5	0.2
		PAL	40	85	0.7	14	60	120	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date																
3	PZ-2301 DUP	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2301 DUP	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.95 UJ	< 0.33 UJ	< 0.35 UJ	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2302	12/7/2020	0.43 J	47.9	< 0.24	< 0.95	< 0.71	< 0.63	0.42 J	19.1	*17.2*	**25.3**	< 1.2	< 0.33	< 0.27	0.70 J	0.38 J	**4.9**
3	MW-2302	4/9/2021	3.2	14.2	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	9.1	*17.9*	**9.6**	< 1.1	< 0.41	< 0.29	0.73 J	*3.9*	**4.6**
3	MW-2302	11/20/2021	0.44 J	8.6	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	20.3	5.0	*3.8* J	< 1.1	< 0.41	< 0.29	< 0.53	*1.4*	**3.8**
3	MW-2302	12/22/2021	1.1	7.0	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	2.6 J	2.8	*2.5* J	< 1.1	< 0.41	< 0.29	< 0.53	*2.6*	**1.5**
3	MW-2302	1/24/2022	0.64 J	11.9	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	5.9	5.0	*3.6* J	< 1.1	< 0.41	< 0.29	< 0.53	*2.2*	**2.5**
3	MW-2302	4/27/2022	2.7	12.0	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	*19.2*	**12.0**	< 1.1	< 0.41	< 0.29	< 0.53	**6.1**	**0.75 J**
3	MW-2302	7/26/2022	1.7	83.2	< 0.58	< 0.95	< 0.33	< 0.35	*0.51* J	17.3	*26.9*	**93.5**	< 1.1	< 0.41	< 0.29	0.67 J	*4.0*	**22.8**
3	MW-2302	10/26/2022	< 0.30 UJ	*123* J-	< 0.58 UJ	< 0.95 UJ	< 0.33 UJ	< 0.35 UJ	*0.61* J-	16.5 J-	*42.8* J-	**96.5 J-**	< 1.1 UJ	< 0.41 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	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	*16.4*	*1.0* J	< 1.1	< 0.41	< 0.29	< 0.53	**6.8**	**0.54 J**
3	MW-2302	4/24/2023	3.2	22.4	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	8.1	*9.9*	*3.0* J	< 1.1	< 0.41	< 0.29	< 0.53	*3.8*	**2.5**
3	MW-2302	7/24/2023	0.65 J	*275*	*0.73* J	< 0.95	< 0.33	< 0.35	0.48 J	*211*	**105**	**45.9**	< 1.1	< 0.41	< 0.29	1.7	*3.7*	**21.4**
3	MW-2302	10/18/2023	7.2	7.6	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	4.0 J	5.0	*0.98* J	< 1.1	*0.80* J	< 0.29	< 0.53	**7.4**	**0.56 J**
3	MW-2302	1/22/2024	3.7	*140*	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	23.5	*37.5*	**16.8**	< 1.1	< 0.41	< 0.29	0.73 J	*3.8*	**10.0**
3	PZ-2302	12/7/2020	< 0.24	0.47 J	< 0.24	< 0.95	< 0.71	< 0.63	< 0.25	< 1.3	< 0.27	< 0.58	< 1.2	< 0.33	< 0.27	< 0.46	< 0.26	**5.7**
3	PZ-2302	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**3.8**
3	PZ-2302	11/20/2021	< 0.30	0.45 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.34 J**
3	PZ-2302	12/22/2021	< 0.30	0.43 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.35 J**
3	PZ-2302	1/24/2022	< 0.30	0.54 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	4/27/2022	< 0.30	0.39 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	7/26/2022	< 0.30	0.43 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	10/26/2022	< 0.30	0.49 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	2.9 J	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	1/23/2023	< 0.30	0.44 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	7/24/2023	< 0.30	0.32 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	10/18/2023	< 0.30	0.37 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2302	1/22/2024	< 0.30	0.45 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	MW-2303	12/8/2020	0.63 J	1.9 J	*1.5* J	< 1.9	< 1.4	< 1.3	< 0.49	< 2.7	**279**	< 1.2	< 2.5	< 0.65	< 0.54	*23.7*	**241**	**12.4**
3	MW-2303	4/9/2021	1.1 J	2.5	< 1.2	< 1.9	< 0.65	< 0.70	< 0.59	< 2.8	**109**	< 0.64	4.6 J	< 0.82	< 0.58	8.6	**141**	**39.4**
3	MW-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	2.8	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.42 J	**5.1**
3	MW-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	1.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	*0.54* J	**2.2**
3	MW-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	2.2	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	*0.82* J	**3.6**
3	MW-2303	4/27/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	2.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.44 J	**5.3**

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	1,2,4-Trichlorobenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	Benzene	Chloroethane	cis-1,2-Dichloroethene	Methylene Chloride	Methyl-tert-butyl-ether	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	200	850	7	70	600	600	5	400	70	5	60	5	800	100	5	0.2
		PAL	40	85	0.7	14	60	120	0.5	80	7	0.5	12	0.5	160	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date																
3	MW-2303	7/26/2022	< 0.30	1.2	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	*10.4*	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	0.44 J	**63.7**
3	MW-2303	10/26/2022	< 0.30	0.76 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	4.1	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**17.1**
3	MW-2303	1/23/2023	< 0.30	0.33 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	1.1	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	*0.55* J	**10.2**
3	MW-2303	4/24/2023	< 0.30	0.49 J	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	4.2	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**175**
3	MW-2303	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	3.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**268**
3	MW-2303	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	2.1	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	*0.58* J	**45.2**
3	MW-2303	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	2.0	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**67.5**
3	PZ-2303	12/8/2020	< 0.24	< 0.27	< 0.24	< 0.95	< 0.71	< 0.63	< 0.25	< 1.3	4.6	< 0.58	< 1.2	< 0.33	< 0.27	< 0.46	< 0.26	**8.7**
3	PZ-2303	4/9/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	*9.0*	< 0.32	*30.3*	< 0.41	< 0.29	< 0.53	< 0.32	**13.4**
3	PZ-2303	11/20/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**3.0**
3	PZ-2303	12/22/2021	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**2.6**
3	PZ-2303	1/24/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**2.6**
3	PZ-2303	4/27/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**4.2**
3	PZ-2303	7/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**1.1**
3	PZ-2303	10/26/2022	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.75 J**
3	PZ-2303	1/23/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.32 J**
3	PZ-2303	4/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.23 J**
3	PZ-2303	7/24/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	**0.57 J**
3	PZ-2303	10/18/2023	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	< 1.1	< 0.41	< 0.29	< 0.53	< 0.32	< 0.17
3	PZ-2303	1/22/2024	< 0.30	< 0.30	< 0.58	< 0.95	< 0.33	< 0.35	< 0.30	< 1.4	< 0.47	< 0.32	2.7 J	< 0.41	< 0.29	< 0.53	< 0.32	**0.46 J**

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

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T
Treatment Area	Sample Location	Sample Date																	
3	MW-2301	12/7/2020	0.072	0.0028 J	< 0.00024	0.0014	**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**	**0.80**	**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*	*0.10*	771	1120	54.6	< 2.2	< 1.2	388	20.4	33.0	405
3	MW-2301	1/24/2022	0.14	< 0.0010	< 0.00024	< 0.00028	**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	27.0	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	4/24/2023	0.081	< 0.0010	< 0.00024	< 0.00028	**6.6**	**16.0**	*0.092*	*0.12*	447	30.5 J	28.0	77.3 J	1.2 J-	8.1	50.2 J	156 J	11300 J
3	MW-2301	7/24/2023	0.080	< 0.0010	< 0.00024	< 0.00028	**6.3**	**6.2**	0.039	0.041	332	183	47.9	4.6	< 1.2	70.0	26.5 J	85.5 J	3150 J
3	MW-2301	10/18/2023	0.084	< 0.0010	< 0.00024	0.00055 J	**9.8**	**29.2**	*0.083*	*0.12*	577	30.2 J	6.6 J	47.9	< 1.2 UJ	4.0	14.7	44.6	1440 J
3	MW-2301	1/22/2024	0.097	< 0.0010	< 0.00024	< 0.00028	**2.4**	**6.8**	*0.082*	*0.085*	318	58.4	25.4	46.1 J-	< 1.2 UJ	26.2	27.2	87.7	13600
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	**15.0**	**14.1**	0.058	0.052	420 J-	25.9 J	29.0	87.1	< 1.2	11.4	32.9	42.0	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	MW-2301 DUP	4/24/2023	0.082	< 0.0010	< 0.00024	< 0.00028	**7.4**	**14.5**	*0.093*	*0.12*	454	26.3 J	27.3	79.1 J	< 1.2 UJ	7.6	25.1 J	76.7 J	6660 J
3	MW-2301 DUP	7/24/2023	0.080	< 0.0010	< 0.00024	< 0.00028	**5.9**	**7.0**	0.038	0.039	320	188	53.8	6.3	< 1.2	73.2	16.0 J	51.3 J	2260 J
3	MW-2301 DUP	10/18/2023	0.086	< 0.0010	< 0.00024	< 0.00028	**9.7**	**28.0**	*0.085*	*0.11*	491 J-	32.4 J	6.3 J	48.0	< 1.2 UJ	3.8	13.4	42.2	2570 J
3	MW-2301 DUP	1/22/2024	0.095	< 0.0010	< 0.00024	< 0.00028	**2.6**	**7.6**	*0.078*	*0.082*	319	45.4 J	24.4	50.3 J-	< 1.2 UJ	25.3	26.9	87.6	12400
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	64.0	*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**	*0.20*	*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	27.0	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	12.0	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	4/24/2023	0.014	< 0.0010	< 0.00024	< 0.00028	< 0.058	**0.45**	< 0.0012	0.0018 J	115	< 15.5	25.6	35.4 J	1.8 J-	1.9	6.7	5.1	1150
3	PZ-2301	7/24/2023	0.021	< 0.0010	< 0.00024	< 0.00028	< 0.058	0.10 J	< 0.0012	< 0.0012	93.1	17.8 J	20.9	43.5	< 1.2	1.7	8.6	7.1	648 J
3	PZ-2301	10/18/2023	0.019	< 0.0010	< 0.00024	0.00032 J	< 0.058	*0.24 J*	< 0.0012	0.0012 J	102 J+	< 14.7	21.3	36.2	< 1.2 UJ	1.5	7.9	6.9	463 J
3	PZ-2301	1/22/2024	0.049	0.0014 J	< 0.00024	< 0.00028	0.097 J	**0.42 J**	< 0.0012 UJ	0.0046	91.5	< 14.7	22.7	47.6 J-	< 1.2 UJ	4.0	7.9	5.2	4650
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	**7.0**	**10.6**	*0.093*	*0.092*	459	632	27.6	11.4	< 1.2	220	7.0	8.7	1040

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T
Treatment Area	Sample Location	Sample Date																	
3	PZ-2301 DUP	4/26/2022	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
3	PZ-2301 DUP	4/24/2023	0.015	< 0.0010	< 0.00024	< 0.00028	< 0.058	**0.44**	< 0.0012	0.0021 J	115	< 15.5	25.9	34.4 J	3.0 J-	2.0	8.4	6.5	1320
3	PZ-2301 DUP	7/24/2023	0.022	< 0.0010	< 0.00024	0.00091 J	< 0.058	0.12 J	< 0.0012	0.0016 J	90.3	< 15.5	23.7	44.8	< 1.2	1.7	5.3 J	4.4 J	427 J
3	PZ-2301 DUP	10/18/2023	0.019	< 0.0010	< 0.00024	< 0.00028	< 0.058	*0.24* J	< 0.0012	0.0014 J	99.3 J-	< 14.7	22.8	39.5	1.2 J-	1.4	8.1	6.8	767 J
3	PZ-2301 DUP	1/22/2024	0.050	< 0.0010	0.00087 J	0.00067 J	**0.48** J	**1.2** J	0.0050 J	0.0053	98.2	< 14.7	23.7	46.9 J-	< 1.2	3.5	10.0	6.6	4630
3	MW-2302	12/7/2020	0.050	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	6.0	< 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	92.0	72.3	**385**	< 1.2	22.3	39.1	3.0 J	9000
3	MW-2302	12/22/2021	0.070	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	99.0	72.2	**386**	< 1.2	23.0	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	82.0
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	0.0060	*0.0054*	0.0074	**4.5**	**7.2**	**0.60**	**0.66**	354	57.4	64.1	*201*	< 1.2 UJ	3.0	< 1.2	< 1.2	6.2
3	MW-2303	4/9/2021	0.12	< 0.0010	0.00031 J	0.0020	< 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	16.0	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	*0.20*	*0.19*	296	39.0 J	75.6	*216*	< 1.2	2.4	1.7 J	11.6	433
3	MW-2303	4/24/2023	0.30	< 0.0010	< 0.00024	0.00046 J	**12.3**	**11.8**	**0.43**	**0.44**	490	24.2 J	*203*	**315** J	< 1.2	2.9	5.3 J	22.7	735
3	MW-2303	7/24/2023	0.29	< 0.0010	< 0.00024	0.00031 J	**10.9**	**10.9**	**0.34**	**0.33**	507	15.7 J	*201*	**270**	< 1.2	2.6	19.4	304	2150
3	MW-2303	10/18/2023	0.22	0.0012 J	< 0.00024	0.00056 J	**8.1**	**7.4**	*0.23*	*0.22*	395 J-	< 14.7	113	*225*	< 1.2 UJ	3.0	23.6	281	2050
3	MW-2303	1/22/2024	0.22	< 0.0010	< 0.00024	0.0014	**9.4**	**9.5**	**0.44**	**0.45**	402	< 14.7	110	*210* J-	< 1.2	2.3	19.9	142	5330
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	**27.0**	**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

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

		Analyte	Barium	Chromium	Lead	Nickel	Iron	Iron	Manganese	Manganese	Alkalinity, Total as CaCO3	Chemical Oxygen Demand	Chloride	Sulfate	Sulfide	Total organic carbon	Ethane	Ethene	Methane
		ES	2	0.1	0.015	0.1	0.3	0.3	0.3	0.3	NE	NE	250	250	NE	NE	NE	NE	NE
		PAL	0.4	0.01	0.0015	0.02	0.15	0.15	0.06	0.06	NE	NE	125	125	NE	NE	NE	NE	NE
		Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/l	ug/l	ug/l
		Diss/Total	D	D	D	D	D	T	D	T	T	T	T	T	T	T	T	T	T
Treatment Area	Sample Location	Sample Date																	
3	PZ-2303	7/26/2022	0.31	< 0.0010	< 0.00024	< 0.00028	**9.0**	**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
3	PZ-2303	4/24/2023	0.29	< 0.0010	< 0.00024	< 0.00028	**3.5** J	**2.0** J	*0.29*	**0.30**	598	< 14.7	*161*	**313** J	< 1.2	1.6	5.2 J	< 0.25	3640
3	PZ-2303	7/24/2023	0.31	< 0.0010	< 0.00024	0.00041 J	**4.2**	**4.5**	*0.26*	*0.27*	620	< 14.7	*151*	**298**	< 1.2	1.7	5.7	< 0.25	3700
3	PZ-2303	10/18/2023	0.33	< 0.0010	< 0.00024	0.00038 J	**5.9**	**7.0**	*0.25*	*0.27*	643 J-	< 14.7	*167*	**281**	< 1.2 UJ	1.9	10.6	< 0.25	3510
3	PZ-2303	1/22/2024	0.26	< 0.0010	0.00033 J	0.0018	**5.2**	**5.0**	**0.33**	**0.32**	567	< 14.7	*150*	**272** J-	< 1.2 UJ	1.6	3.3 J	< 0.25	2140

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

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-44	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-44	10/18/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-44	4/16/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-44	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-44	4/14/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-44	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-44	4/9/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	1/12/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-44	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-65	12/10/2020	< 2.4	**870**	< 5.8	*25.5*	**521**	**4.4** J+
4	MW-65	4/9/2021	< 1.5	**354**	< 0.80	11.7	**45.4**	**1.3** J
4	MW-65	12/8/2021	< 0.58	2.0	< 0.32	< 0.53	*0.77* J	**0.46** J
4	MW-65	1/11/2022	< 0.58	1.7	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-65	2/7/2022	< 0.58	1.7	< 0.32	< 0.53	< 0.32	**2.2**
4	MW-65	4/25/2022	< 2.3	**395**	< 1.3	3.3 J	< 1.3	**14.2**
4	MW-65	7/26/2022	< 1.5	**296**	< 0.80	4.3	< 0.80	**10.5**
4	MW-65	10/25/2022	*1.9* J	**3220**	< 0.80	*32.3*	< 0.80	**1140**
4	MW-65	1/25/2023	< 29.1	**3500**	< 16.0	*29.3* J	< 16.0	**6370**
4	MW-65	7/24/2023	< 5.8	**1180**	< 3.2	< 5.3	< 3.2	**2440**
4	MW-65	10/17/2023	< 5.8	**653**	*4.5* J	< 5.3	< 3.2	**1330**
4	MW-65R	4/25/2023	< 1.2	**122**	< 0.64	< 1.1	< 0.64	**370**
4	MW-65R	1/23/2024	< 2.3	*56.2*	< 1.3	< 2.1	< 1.3	**298**

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-77	4/9/2021	< 0.58	0.67 J	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-79	10/18/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-79	4/17/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-79	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-79	4/15/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-79	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-79	4/7/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-79	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-80	10/18/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-80	4/17/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-80	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-80	4/15/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-80	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-80	4/7/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-80	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-80	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	5/17/2018	< 0.41	2	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-81	10/18/2018	< 0.24	0.89 J	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-81	4/17/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-81	10/9/2019	< 0.24	0.88 J	< 0.58	< 1.1	< 0.26	**0.27 J**
4	MW-81	4/15/2020	< 0.24	6.1	< 0.58	1.5 J	< 0.26	**1.2**
4	MW-81	11/4/2020	< 0.24	0.42 J	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-81	4/7/2021	< 0.58	5.2	< 0.32	1.3	< 0.32	**2.4**
4	MW-81	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	2/7/2022	< 0.58	0.53 J	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	7/26/2022	< 0.58	0.61 J	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	4/25/2023	< 0.58	*7.6*	< 0.32	2.0	< 0.32	**5.0**
4	MW-81	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-81	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	5/17/2018	< 4.1	**561**	< 2.3	*42.3*	**304**	**7.5 J**
4	MW-82	10/18/2018	< 0.24	**133**	< 0.58	4	**17.9**	**25.1**
4	MW-82	4/17/2019	*0.88 J*	**372**	< 0.58	*36.7*	**204**	**4.1**
4	MW-82	10/9/2019	< 1.2	**553**	< 2.9	*46.9*	**220**	**11**
4	MW-82	4/15/2020	< 1.2	**417**	< 2.9	*39.2*	**121**	**5.9**
4	MW-82	11/4/2020	< 0.24	**97.3**	< 0.58	9.5	**5.3**	**31.9**
4	MW-82	4/7/2021	< 2.9	**488**	< 1.6	*45.0*	**97.1**	**13.7**
4	MW-82	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	**0.46 J**
4	MW-82	1/12/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-82	2/7/2022	< 0.58	0.67 J	< 0.32	< 0.53	< 0.32	**0.37 J**
4	MW-82	4/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	**0.26 J**
4	MW-82	10/25/2022	< 0.58	1.3	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	1/24/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	7/25/2023	< 0.58	0.48 J	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	4/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	**0.28 J**
4	MW-82 DUP	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	1/24/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-82 DUP	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	10/6/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	12/8/2021	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	1/12/2022	< 0.58	< 0.47	< 0.32	< 0.53	0.49 J	**0.20 J**
4	PZ-82	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	0.39 J+	< 0.17
4	PZ-82	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	PZ-82	1/25/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	4/25/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	7/25/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	10/17/2023	< 5.8	< 4.7	< 3.2	< 5.3	< 3.2	< 1.7
4	PZ-82	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-108	10/17/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17

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

		Analyte	1,1-Dichloroethene	cis-1,2-Dichloroethene	Methylene Chloride	trans-1,2-Dichloroethene	Trichloroethene	Vinyl chloride
		ES	7	70	5	100	5	0.2
		PAL	0.7	7	0.5	20	0.5	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Treatment Area	Sample Location	Sample Date						
4	MW-108	4/16/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108	4/14/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-108	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-108	4/9/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	12/8/2021	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	1/11/2022	< 0.58	< 0.47	< 0.32	< 0.53	*2.8*	< 0.17
4	MW-108	2/7/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	4/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	7/26/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	10/25/2022	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	1/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	4/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	7/25/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	10/17/2023	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108	1/24/2024	< 0.58	< 0.47	< 0.32	< 0.53	< 0.32	< 0.17
4	MW-108 DUP	5/17/2018	< 0.41	< 0.26	< 0.23	< 0.26	< 0.33	< 0.18
4	MW-108 DUP	10/17/2018	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	4/16/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	10/9/2019	< 0.24	< 0.27	< 0.58	< 1.1	< 0.26	< 0.17
4	MW-108 DUP	4/14/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17
4	MW-108 DUP	11/4/2020	< 0.24	< 0.27	< 0.58	< 0.46	< 0.26	< 0.17

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

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

		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	0.0010	< 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	0.0020	< 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	0.30	< 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	**17.0**	**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	*0.70*	< 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	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-65	7/24/2023	*0.86*	< 0.0010	< 0.00024	0.00043 J	**6.5**	**8.7**	*0.21*	*0.24*	576	34.8 J	**1030**	88.0	< 1.2	4.2	4.4 J	467	2200
4	MW-65	10/17/2023	0.37	< 0.0010	< 0.00024	0.0038	**4.9**	**5.2**	**0.36**	**0.40**	564	15.9 J	**660**	**291**	< 1.2 UJ	3.2	3.2 J	263	1140
4	MW-65R	4/25/2023	*0.54*	< 0.0010	< 0.00024	0.0012	**13.8**	**15.7**	**0.33**	**0.36**	596	81.4	**613**	*228*	< 1.2	27.1	2.4 J	318	522
4	MW-65R	1/23/2024	0.10	< 0.0010	< 0.00024	0.0067	**10.4**	**12.8**	**0.40**	**0.41**	460	< 14.7	**287**	**298 J-**	1.4 J-	1.8	1.6 J	41.8	424
4	MW-79	4/7/2021	0.29	< 0.0051	*0.0018*	0.0017	**3.4**	**3.5**	*0.20*	*0.20*	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	35.0
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	11.0
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	2.0	< 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	< 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

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	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
4	MW-82	10/25/2022	0.013	< 0.0010	< 0.00024	0.0006 J	0.072 J	**4.4**	0.038	0.055	172	28.4 J	38.4	6.6 J	< 12.0	4.2	45.5 J	7.3	9760 J
4	MW-82	1/24/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	232	NA	NA	< 1.2	1.3	20.8	4.6 J	5360 J
4	MW-82	1/25/2023	0.064	< 0.0010	< 0.00024	0.00080 J	*0.18 J*	**4.2**	*0.14 J*	*0.11 J*	405 J	NA	**629**	29.5	NA	NA	NA	NA	NA
4	MW-82	4/25/2023	0.072	< 0.0010	< 0.00024	< 0.00028	**0.67 J**	**1.3**	*0.078 J*	0.059 J	212	47.5 J	**1110**	9.7 J	1.8 J-	1.5	4.0 J	1.5 J	1420
4	MW-82	7/25/2023	0.023	< 0.0010	0.00044 J	0.00069 J	**1.3 J**	**21.3 J**	0.024 J	*0.20 J*	365	62.3	**256**	11.9	< 1.2	3.5	6.4 J	1.8 J	2280 J
4	MW-82	10/17/2023	0.013	< 0.0010	0.00065 J	0.00034 J	**1.1 J**	**5.8 J**	*0.073 J*	*0.097*	263	41.0 J	32.6	10.6	< 1.2 UJ	1.3	5.5 J	0.67 J	2000
4	MW-82	1/24/2024	0.16	< 0.010	*0.0032 J*	< 0.0028	**5.0 J**	**9.0 J**	*0.17*	*0.15*	76.1	154 J	**1870**	23.4	< 1.2	0.67	3.7 J	1.6 J	1220
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	MW-82 DUP	4/25/2023	0.077	0.0030 J	0.00025 J	0.00050 J	**1.1 J**	**1.3**	*0.086 J*	*0.063 J*	207	32.6 J	**1100**	7.8 J	< 1.2 UJ	1.5	17.5 J	7.7 J	6450 J
4	MW-82 DUP	7/25/2023	0.024	< 0.0010	< 0.00024	0.00049 J	**0.42 J**	**2.9 J**	0.046 J	0.055 J	323	43.2 J	*199*	10.4	< 1.2	3.6	15.9 J	3.4 J	5400 J
4	MW-82 DUP	10/17/2023	0.010	< 0.0010	0.00042 J	0.00040 J	**0.42 J**	**3.9 J**	0.049 J	*0.077*	212	34.5 J	30.7	10.4	< 1.2 UJ	1.1	6.7	1.0 J	2340
4	MW-82 DUP	1/24/2024	0.18	< 0.010	*0.0070 J*	< 0.0028	**10.6 J**	**2.3 J**	*0.14*	*0.15*	102	623 J	**2010**	23.2	< 1.2	0.58	4.0 J	1.7 J	1360
4	PZ-82	10/6/2021	0.074	< 0.0010	< 0.00024	0.00034 J	< 0.058	**2.0**	*0.16*	*0.20*	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	6.0	9.0	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	7.0	487
4	PZ-82	2/7/2022	0.30	< 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, July 2023 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold.**

Table 7
Detected Volatile Organic Compounds in Groundwater
Perimeter Wells
Former Kenosha Engine Plant

		Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	Chloroethane	Chloromethane	Vinyl chloride
		ES	200	850	400	30	0.2
		PAL	40	85	80	3	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Area	Sample Location	Sample Date					
Perimeter Wells	MW-69R	12/7/2020	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-69R	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-69R	10/25/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-69R	4/27/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-69R	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-69R	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-69R	12/7/2020	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	PZ-69R	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-69R	10/25/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-69R	4/27/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-69R	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-69R	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-70	11/4/2011	< 0.9	< 0.75	< 0.97	0.31 J	< 0.18
Perimeter Wells	MW-70	5/21/2014	< 0.5	< 0.18	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-70	9/23/2014	< 0.5	< 0.24	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-70	12/2/2014	< 0.5	< 0.24	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-70R	12/7/2020	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-70R	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-70R	10/25/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-70R	4/27/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-70R	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-70R	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-71	11/4/2011	< 0.9	< 0.75	< 0.97	< 0.24	< 0.18
Perimeter Wells	MW-71	5/21/2014	< 0.5	< 0.18	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-71	9/23/2014	< 0.5	< 0.24	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-71	12/2/2014	< 0.5	< 0.24	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-71	12/2/2016	< 0.5	< 0.24	< 0.37	< 0.5	< 0.18
Perimeter Wells	MW-71R	12/7/2020	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-71R	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-71R	10/25/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-71R	4/27/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-71R	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17

Table 7
Detected Volatile Organic Compounds in Groundwater
Perimeter Wells
Former Kenosha Engine Plant

		Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	Chloroethane	Chloromethane	Vinyl chloride
		ES	200	850	400	30	0.2
		PAL	40	85	80	3	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Area	Sample Location	Sample Date					
Perimeter Wells	MW-71R	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-101	4/5/2021	0.47 J	0.29 J	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-101	10/25/2021	< 0.30	0.60 J	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-101	4/25/2022	0.43 J	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-101	10/25/2022	< 0.30	0.34 J	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-101	4/25/2023	0.39 J	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-101	10/18/2023	0.88 J	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-102	4/5/2021	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-102	10/25/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-102	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-102	10/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-102	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-102	10/18/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-103	4/5/2021	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-103	10/25/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-103	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-103	10/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-103	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-103	10/18/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-105	4/5/2021	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-105	10/26/2021	< 0.30	< 0.30	< 1.4	< 1.6	**0.40 J**
Perimeter Wells	MW-105	4/25/2022	< 0.30	< 0.30	4.1 J	< 1.6	**0.60 J**
Perimeter Wells	MW-105	10/24/2022	< 0.30	< 0.30	1.6 J	< 1.6	**0.36 J+**
Perimeter Wells	MW-105	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-105	10/17/2023	< 0.30	< 0.30	2.2 J	< 1.6	< 0.17
Perimeter Wells	MW-107	4/5/2021	< 0.24	< 0.27	< 1.3	< 2.2	< 0.17
Perimeter Wells	MW-107	10/26/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-107	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-107	10/24/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-107	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-107	10/17/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17

Table 7
Detected Volatile Organic Compounds in Groundwater
Perimeter Wells
Former Kenosha Engine Plant

		Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	Chloroethane	Chloromethane	Vinyl chloride
		ES	200	850	400	30	0.2
		PAL	40	85	80	3	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Area	Sample Location	Sample Date					
Perimeter Wells	MW-109	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-109	10/26/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-109	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-109	10/24/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-109	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-110	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-110	10/26/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-110	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-110	10/24/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-110	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-110	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-111	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-111	10/26/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-111	4/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-111	10/24/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-111	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-111	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-112	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-112	10/26/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-112	4/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-112	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-112	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-112	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-115	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-115	4/25/2022	0.31 J	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-115	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-115	4/25/2023	0.41 J	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-115	10/18/2023	0.40 J	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-116	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-116	10/27/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17

Table 7
Detected Volatile Organic Compounds in Groundwater
Perimeter Wells
Former Kenosha Engine Plant

		Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	Chloroethane	Chloromethane	Vinyl chloride
		ES	200	850	400	30	0.2
		PAL	40	85	80	3	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Area	Sample Location	Sample Date					
Perimeter Wells	MW-116	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-116	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-116	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-116	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-116	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	**0.20** J
Perimeter Wells	PZ-116	10/27/2021	< 0.30	< 0.30	< 1.4	< 1.6	**0.56** J
Perimeter Wells	PZ-116	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	**0.65** J
Perimeter Wells	PZ-116	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	**0.28** J
Perimeter Wells	PZ-116	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-116	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	**0.58** J
Perimeter Wells	PZ-116 DUP	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	**0.65** J
Perimeter Wells	PZ-116 DUP	10/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-116 DUP	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-116 DUP	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	**0.57** J
Perimeter Wells	MW-117	4/6/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-117	10/27/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-117	4/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-117	10/24/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-117	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-117	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17

Table 7
Detected Volatile Organic Compounds in Groundwater
Perimeter Wells
Former Kenosha Engine Plant

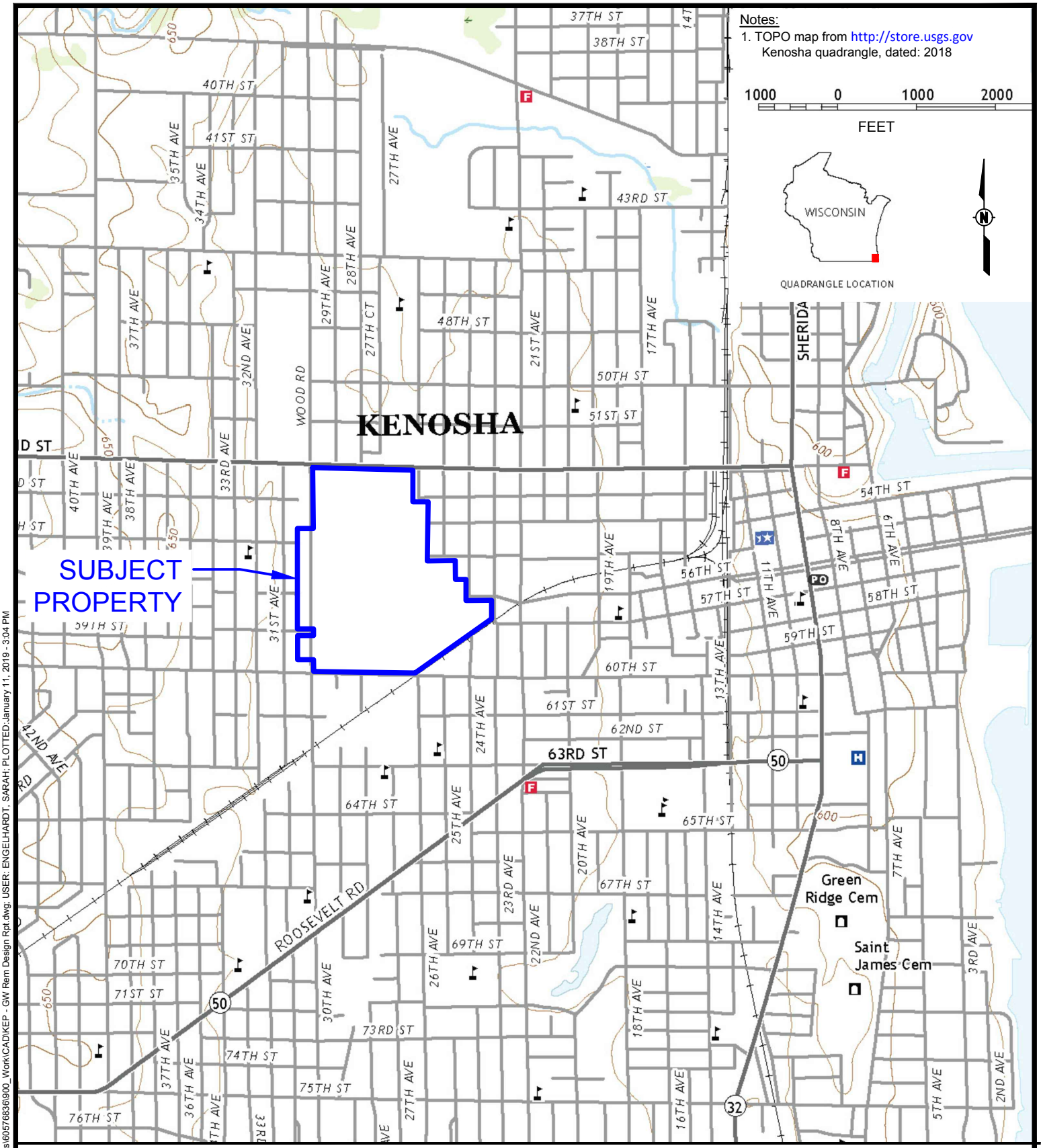
		Analyte:	1,1,1-Trichloroethane	1,1-Dichloroethane	Chloroethane	Chloromethane	Vinyl chloride
		ES	200	850	400	30	0.2
		PAL	40	85	80	3	0.02
		Units	ug/l	ug/l	ug/l	ug/l	ug/l
Area	Sample Location	Sample Date					
Perimeter Wells	MW-117 DUP	10/27/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117	4/7/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117	10/27/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117	4/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117	10/24/2022	< 0.30 UJ	< 0.30 UJ	< 1.4 UJ	< 1.6 UJ	< 0.17 UJ
Perimeter Wells	PZ-117	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117 DUP	4/7/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117 DUP	10/27/2021	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117 DUP	4/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117 DUP	10/24/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117 DUP	4/24/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	PZ-117 DUP	10/16/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-206	4/26/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-206	10/25/2022	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-206	4/25/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17
Perimeter Wells	MW-206	10/17/2023	< 0.30	< 0.30	< 1.4	< 1.6	< 0.17

Notes:

ug/L = micrograms per liter

NA = Not Analyzed
J = Estimated value (+/- indicated the direction of bias)
U = Qualified nondetect due to contamination
PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are *underlined italics*.
ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2023 exceedances are **bold.**

Figures



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AECOM

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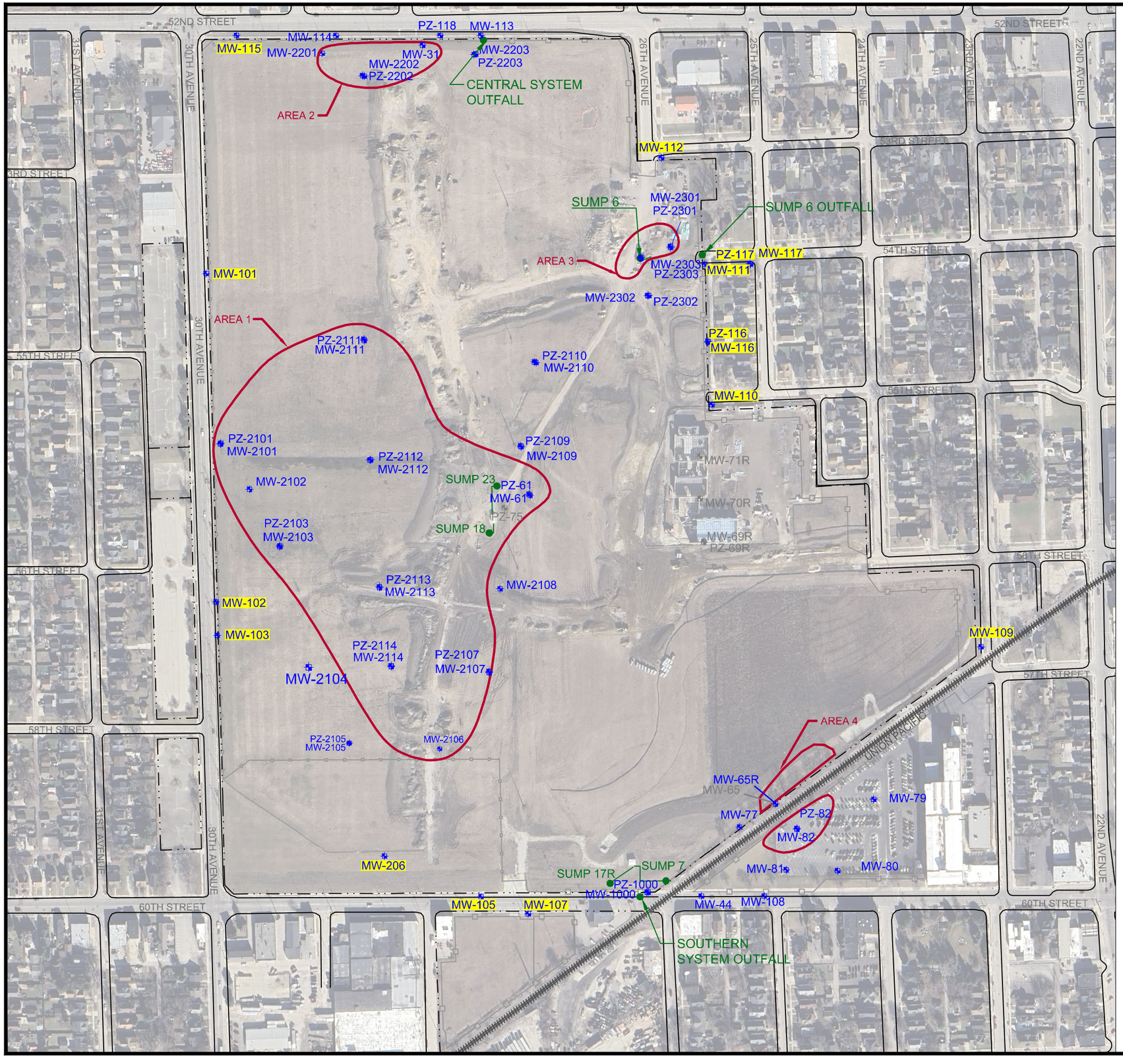
SITE LOCATION (USGS TOPOGRAPHIC MAP)
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

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

PROJECT NUMBER 60705270

FIGURE NUMBER 1



LEGEND

- APPROXIMATE SITE BOUNDARY
- RAILROAD
- EXISTING FENCE
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- PZ-2110 / MW-2110 — MONITORING WELLS AND PIEZOMETERS
- PZ-69R / MW-69R — MONITORING WELLS AND PIEZOMETERS ABANDONED
- PZ-116 / MW-116 — SEMI-ANNUALLY SAMPLED PERIMETER WELLS AND PIEZOMETERS
- REMEDIATION TREATMENT AREAS

NOTES

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 02/14/2024; DOWNLOADED ON 04/04/2024.
2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2018 AERIAL.

0' 150' 300' 600'

SCALE

N

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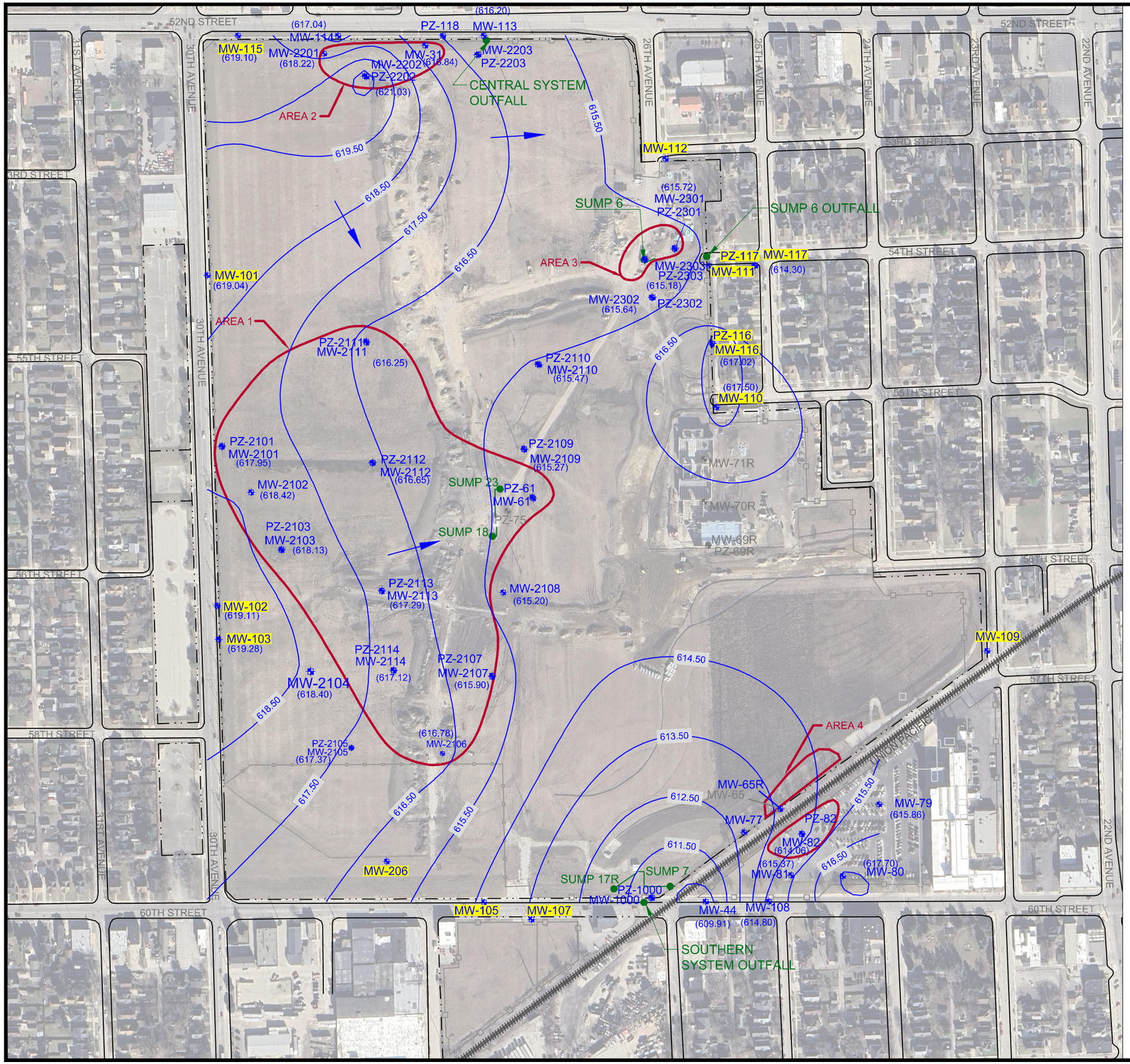
SITE LAYOUT, REMEDIATION AREAS, AND MONITORING LOCATIONS
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	OMI	04/09/2024
Checked:	KC	04/09/2024
Approved:	LLA	04/09/2024

PROJECT NUMBER 60726310

FIGURE NUMBER 2



LEGEND

- APPROXIMATE SITE BOUNDARY
- RAILROAD
- EXISTING FENCE
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- PZ-2110 / MW-2110 — MONITORING WELLS AND PIEZOMETERS
- PZ-69R / MW-69R — MONITORING WELLS AND PIEZOMETERS ABANDONED
- PZ-116 / MW-116 — SEMI-ANNUALLY SAMPLED PERIMETER WELLS AND PIEZOMETERS
- REMEDIAL TREATMENT AREAS
- (615.18) — GROUNDWATER ELEVATIONS
- 615.50 — GROUNDWATER CONTOUR (INTERVAL AT 1.0 FT.)
- GROUNDWATER FLOW DIRECTION

NOTES

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 02/14/2024; DOWNLOADED ON 04/04/2024.
2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2018 AERIAL.
3. MONITORING WELL LOCATIONS WITH NO GROUNDWATER ELEVATIONS NOTED WERE DRY OR NOT MEASURED.

0' 150' 300' 600'

SCALE

N

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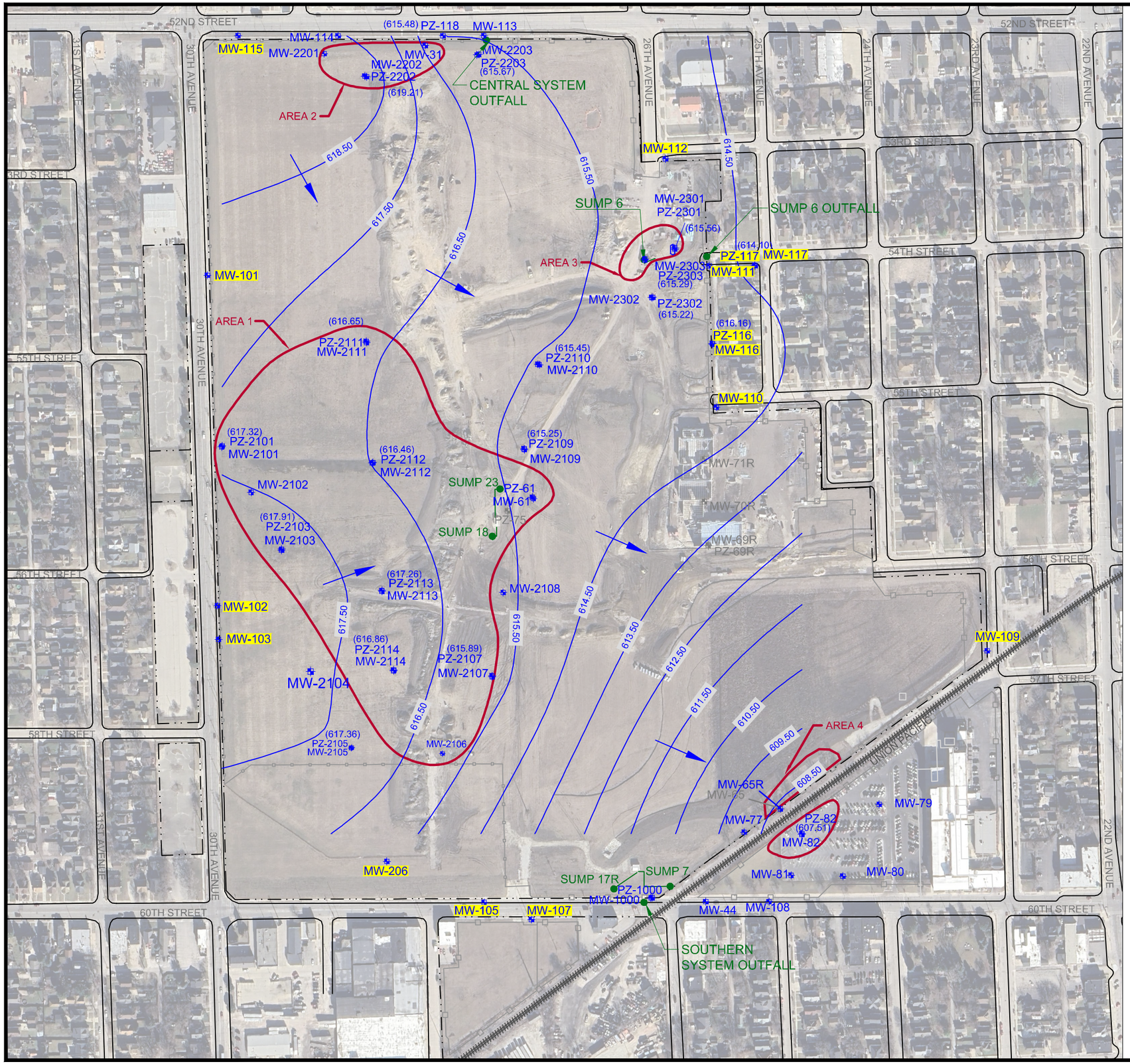
GROUNDWATER ELEVATIONS CONTOUR MAP (MONITORING WELLS)
JANUARY 2024
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	OMI	4/9/2024
Checked:	LLA	4/9/2024
Approved:	LLA	4/9/2024

PROJECT NUMBER 60726310

FIGURE NUMBER 3



LEGEND

- APPROXIMATE SITE BOUNDARY
- RAILROAD
- EXISTING FENCE
- SUMPS AND SANITARY OUTFALLS
- SUMP UTILITY LINES
- PZ-2110 / MW-2110 — MONITORING WELLS AND PIEZOMETERS
- PZ-69R / MW-69R — MONITORING WELLS AND PIEZOMETERS ABANDONED
- PZ-116 / MW-116 — SEMI-ANNUALLY SAMPLED PERIMETER WELLS AND PIEZOMETERS
- REMEDIAL TREATMENT AREAS
- (614.10) — GROUNDWATER ELEVATIONS
- 615.50 — GROUNDWATER CONTOUR (INTERVAL AT 1.0 FT.)
- GROUNDWATER FLOW DIRECTION

NOTES

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 02/14/2024; DOWNLOADED ON 04/04/2024.
2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2018 AERIAL.
3. PIEZOMETER LOCATIONS WITH NO GROUNDWATER ELEVATIONS NOTED WERE DRY OR NOT MEASURED.

0' 150' 300' 600'
SCALE

N

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GROUNDWATER ELEVATIONS CONTOUR MAP (PIEZOMETERS)
JANUARY 2024
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	OMI	4/9/2024
Checked:	LLA	4/9/2024
Approved:	LLA	4/9/2024
PROJECT NUMBER	60726310	
FIGURE NUMBER	4	

Appendix A Quarterly Groundwater Monitoring Wells and Semi-Annual Perimeter Groundwater Monitoring Wells

Appendix A
Quarterly Groundwater Monitoring Wells and Semi-Annual Perimeter Groundwater Monitoring Wells
Kenosha Engine Plant

	Field Parameters	Organics			Geochemistry					Metals							
Well Name	Listed below	VOCs	TOC	Methane, Ethane, Ethene	Alkalinity	Chloride	COD	Sulfate	Sulfide	Total Iron	Dissolved Iron	Total Manganese	Dissolved Manganese	Barium	Chromium	Lead	Nickel
	Method	EPA 8260	SM 5310C	EPA 8015B Modified	EPA 310.2	EPA 300.0	EPA 410.4	EPA 300.0	SM 4500-S	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B
Area 1																	
MW-2108	x	x															
MW-2110	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2110	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2114	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2114	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2104	x	x															
PZ-2105	x	x															
MW-2105	x	x															
PZ-2112	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2112	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2109	x	x															
PZ-2109	x	x															
MW-2107	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2107	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2102	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2106	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2101	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2111	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2111	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2113	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2113	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-61	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-61D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-61	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2103	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2103D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2103	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2103D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2101	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Area 2																	
MW-2203	x	x															
PZ-2203	x	x															
MW-2201	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2201D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-31	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2202	x	x															
MW-2202	x	x															
MW-113	x	x															
PZ-118	x	x															
MW-114	x	x															
Area 3																	
PZ-2301	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ-2301D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2301	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2301D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PZ--2302	x	x															
MW-2302	x	x															
PZ-2303	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-2303	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Appendix A
Quarterly Groundwater Monitoring Wells and Semi-Annual Perimeter Groundwater Monitoring Wells
Kenosha Engine Plant

	Field Parameters	Organics			Geochemistry					Metals							
Well Name	Listed below	VOCs	TOC	Methane, Ethane, Ethene	Alkalinity	Chloride	COD	Sulfate	Sulfide	Total Iron	Dissolved Iron	Total Manganese	Dissolved Manganese	Barium	Chromium	Lead	Nickel
	Method	EPA 8260	SM 5310C	EPA 8015B Modified	EPA 310.2	EPA 300.0	EPA 410.4	EPA 300.0	SM 4500-S	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B	EPA 6020B
Area 4																	
MW-44	x	x															
MW-108	x	x															
MW-77	x	x															
MW-65R	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-79	x	x															
MW-80	x	x															
PZ-82	x	x															
MW-81	x	x															
MW-82	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MW-82D	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

Perimeter Wells - Semi-annual sampling only

	Field Parameters	
Well Name	Listed below	VOCs
MW-101	x	x
MW-102	x	x
MW-103	x	x
MW-105	x	x
MW-107	x	x
MW-109	x	x
MW-110	x	x
MW-116	x	x
PZ-116	x	x
PZ-116D	x	x
MW-117	x	x
PZ-117	x	x
PZ-117D	x	x
MW-111	x	x
MW-112	x	x
MW-115	x	x
MW-206	x	x

DO (mg/L), ORP (mV), pH (units), Temp (oF), Specific Conductance (mS/cm)

Appendix B Data Validation Report and Laboratory Analytical Report

AECOM Environment
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Memorandum

Date: February 15, 2024

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 22 through 24, 2024. Forty-seven groundwater samples, 9 field duplicates, and 2 trip blanks were submitted to Pace Analytical, Green Bay for analysis. Pace processed the samples and reported the results under sample delivery groups (SDGs) 40273470 and 40273516.

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 8260B	47 Groundwater Sample 6 Field Duplicates 2 Trip Blanks
Methane, Ethene, Ethane (MEE)	SW8015B Modified	26 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.

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

Twenty-three sulfide samples were received with headspace greater than 6 mm. These sulfide results were qualified as estimated (UJ/J-).

Three metals samples were received at pH values greater than 2, and preservative was added during sample login.

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

- The collection date was listed for only the first sample on the second CoC page of SDG 40273470.

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.

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,

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with the exception of 4-bromofluorobenzene (BFB) for sample PZ-82. The BFB recovery for sample PZ-82 was 146%, while the acceptable recovery range is 70% to 130%. The PZ-82 results were nondetect, and were acceptable without qualification.

Laboratory Control Samples (LCSs)

LCSs are analyzed to monitor the accuracy of the analytical method independent of matrix effects. The LCS recoveries were within the laboratory specified QC limits, with the exception of bromomethane for batch 465687. The bromomethane recovery for batch 465687 was 145%, and above the acceptable limits of 22% to 141%. The associated 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. Non-project MS/MSDs were not applicable and were not evaluated.

- VOCs: PZ-2113, PZ-2203, PZ-2301
- Dissolved Metals: MW-2110, PZ-2103
- Total Metals: MW-2101, MW-2110
- Methane/Ethane/Ethene: MW-2112, PZ-2114
- Alkalinity: MW-65R, MW-82D, MW-2101, MW-2110
- Chloride, Sulfate: MW-65R, MW-2101, MW-2110
- COD: MW-2106, MW-2110, PZ-2110
- Sulfide: MW-2101, MW-2110
- TOC: MW-2112, PZ-2112

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-2110 (batch 465588)	Calcium	**53**/93	75-125	The sample concentration was greater than 4 times the spike concentration. No qualifiers.
	Sodium	99/**128**	75-125	
MW-2110 (batch 465580)	Sulfate	**87**/97	90-110	Associated detects were qualified as estimated biased low (J-), and nondetects were qualified UJ: MW-31 MW-65R MW-2107 MW-2110 MW-2111 MW-2112 MW-2114 MW-2201 MW-2201D MW-2301 MW-2301D MW-2303 PZ-2107 PZ-2110 PZ-2111 PZ-2112 PZ-2114 PZ-2301 PZ-2301D PZ-2303
MW-2112	Methane	**-235/-187**	12-198	The sample concentration was greater than 4 times the spike concentration. No qualifiers.
PZ-2103	Calcium	**221/148**	75-125	The sample concentration was greater

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Sample ID	Analyte	% Recovery	Recovery Limits	Qualifiers
(batch 465599)	Sodium	**3710/1840**	75-125	than 4 times the spike concentration. No qualifiers.
PZ-2301	1,2,4-Trichlorobenzene	**20/21**	70-130	Detects for samples PZ-2301 and PZ-2301D were qualified as estimated biased low (J-), and nondetects were qualified UJ.
	1,2-Dichlorobenzene	**62/68**	70-130	
	1,3-Dichlorobenzene	**63**/70	70-130	
	1,4-Dichlorobenzene	**64**/71	70-130	

Bold indicates an exceedance

Quantitation

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

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

Sample	Analyte	Units	LOQ (max)	Total	Dissolved	RPD
MW-82D	Iron	mg/L	2.5	2.3	10.6	129
PZ-2112	Iron	mg/L	0.25	4.3	6.3	38
MW-2201D	Manganese	mg/L	0.0040	0.073	0.096	27

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

Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
MW-82 / MW-82D:					
Barium, dissolved	mg/L	0.0047	0.16	0.18	11.8
Iron, dissolved	mg/L	2.5	5.0	10.6	**> ± LOQ**
Iron, total	mg/L	2.5	9.0	2.3 J	**> ± LOQ**
Lead, dissolved	mg/L	0.002	0.0032	0.0070	**> ± LOQ**
Manganese, dissolved	mg/L	0.04	0.17	0.14	19.4
Manganese, total	mg/L	0.04	0.15	0.15	0
Alkalinity, Total as CaCO3	mg/L	25	76.1	102	29.1
Chemical Oxygen Demand	mg/L	400	154	623	**> ± LOQ**
Chloride	mg/L	200	1870	2010	7.2
Ethane	ug/l	5.6	3.7 J	4.0 J	7.8
Ethene	ug/l	5.0	1.6 J	1.7 J	6.1
Methane	ug/l	28	1220	1360	10.9
Sulfate	mg/L	20	23.4	23.2	0.9

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Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Total organic carbon	mg/L	0.5	0.67	0.58	14.4
MW-2103 / MW-2103D:					
cis-1,2-Dichloroethene	ug/l	2.0	179	169	5.7
trans-1,2-Dichloroethene	ug/l	2.0	3.6	2.1	± LOQ
Trichloroethene	ug/l	2.0	68.7	75.8	9.8
Vinyl chloride	ug/l	2.0	18.6	24.6	27.8
Barium, dissolved	mg/L	0.023	0.023	0.024	4.3
Iron, total	mg/L	2.5	4.7	4.5	4.3
Iron, dissolved	mg/L	2.5	2.8	2.9	3.5
Lead, dissolved	mg/L	0.01	0.0022 J	0.0024 U	--
Manganese, total	mg/L	0.04	0.085	0.078	8.6
Manganese, dissolved	mg/L	0.04	0.083	0.083	0
Nickel, dissolved	mg/L	0.01	0.0085	0.0083 J	2.4
Alkalinity, Total as CaCO3	mg/L	50	596	600	0.7
Chemical Oxygen Demand	mg/L	50	99.5	82.2	19
Chloride	mg/L	20	157	156	0.6
Ethane	ug/l	5.6	0.39 U	0.53 J	--
Ethene	ug/l	5.0	2.1 J	4 J	± LOQ
Methane	ug/l	2.8	53.4	125	**80.3**
Sulfate	mg/L	200	3370	3670	8.5
Total organic carbon	mg/L	5.0	30.3	31.6	4.2
MW-2201 / MW-2201D:					
1,1-Dichloroethane	ug/l	1.0	0.38 J	0.39 J	2.6
cis-1,2-Dichloroethene	ug/l	1.0	26.2	28.3	7.7
Trichloroethene	ug/l	1.0	0.32 U	0.37 J	--
Vinyl chloride	ug/l	1.0	9.1	10.2	11.4
Barium, dissolved	mg/L	0.0023	0.035	0.036	2.8
Iron, total	mg/L	0.25	2..0	2.0	0
Iron, dissolved	mg/L	0.25	1.5	1.4	6.9
Manganese, total	mg/L	0.004	0.068	0.073	7.1
Manganese, dissolved	mg/L	0.004	0.083	0.096	14.5
Nickel, dissolved	mg/L	0.001	0.0013	0.0015	14.3
Alkalinity, Total as CaCO3	mg/L	50	508	495	2.6
Chemical Oxygen Demand	mg/L	50	21.6 J	19.4 J	10.7
Chloride	mg/L	20	23.3	24.3	4.2
Ethane	ug/l	5.6	1.0 J	1.3 J	26.1
Ethene	ug/l	5.0	5.7	8.3	± LOQ
Methane	ug/l	7.0	278	306	9.6

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Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Sulfate	mg/L	20	268	270	0.7
Total organic carbon	mg/L	0.5	2.3	2.4	4.3
MW-2301 / MW-2301D:					
cis-1,2-Dichloroethene	ug/l	1.0	0.48 J	0.54 J	11.8
Vinyl chloride	ug/l	1.0	3.4	3.4	0
Barium, dissolved	mg/L	0.0023	0.097	0.095	2.1
Iron, total	mg/L	0.25	6.8	7.6	11.1
Iron, dissolved	mg/L	0.25	2.4	2.6	8.0
Manganese, total	mg/L	0.004	0.085	0.082	3.6
Manganese, dissolved	mg/L	0.004	0.082	0.078	5
Ethane	ug/l	5.6	27.2	26.9	1.1
Ethene	ug/l	5.0	87.7	87.6	0.1
Methane	ug/l	140	13600	12400	9.2
Chloride	mg/L	10	25.4	24.4	4.0
Sulfate	mg/L	10	46.1	50.3	8.7
Alkalinity, Total as CaCO3	mg/L	50	318	319	0.3
Chemical Oxygen Demand	mg/L	50	58.4	45.4 J	25
Total organic carbon	mg/L	1.0	26.2	25.3	3.5
PZ-2103 / PZ-2103D:					
cis-1,2-Dichloroethene	ug/l	5000	61200	62300	1.8
Trichloroethene	ug/l	5000	533000	540000	1.3
Barium, dissolved	mg/L	0.12	0.022 J	0.035 U	--
Iron, total	mg/L	25	78	76.4	2.1
Iron, dissolved	mg/L	12.5	80.7	77.1	4.6
Manganese, total	mg/L	0.4	1.2	1.2	0
Manganese, dissolved	mg/L	0.2	1.3	1.2	8.0
Alkalinity, Total as CaCO3	mg/L	250	3810	3830	0.5
Chemical Oxygen Demand	mg/L	1000	4020	3500	13.8
Chloride	mg/L	200	899	945	5.0
Ethane	ug/l	5.6	367	263	33
Ethene	ug/l	250	5670	7240	24.3
Methane	ug/l	2.8	87.2	61.3	**34.9**
Sulfate	mg/L	1000	11100	12200	9.4
Total organic carbon	mg/L	50	1190	1140	4.3
PZ-2301 / PZ-2301D:					
1,2,4-Trichlorobenzene	ug/l	5.0	1.3 J	0.95 U	--
1,2-Dichlorobenzene	ug/l	1.0	0.75 J	0.33 U	--
1,3-Dichlorobenzene	ug/l	1.0	0.83 J	0.35 U	--

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Sample & Compound(s)	Units	LOQ (max)	Sample Concentration	Field Duplicate Concentration	RPD (%)
Barium, dissolved	mg/L	0.0023	0.049	0.05	2.0
Chromium, dissolved	mg/L	0.0034	0.0014 J	0.001 U	--
Iron, total	mg/L	0.25	0.42	1.2	**> ± LOQ**
Iron, dissolved	mg/L	0.25	0.097 J	0.48	**> ± LOQ**
Lead, dissolved	mg/L	0.001	0.00024 U	0.00087 J	--
Manganese, total	mg/L	0.004	0.0046	0.0053	14.1
Manganese, dissolved	mg/L	0.004	0.0012 U	0.005	**> ± LOQ**
Nickel, dissolved	mg/L	0.001	0.00028 U	0.00067 J	--
Alkalinity, Total as CaCO3	mg/L	25	91.5	98.2	7.1
Chloride	mg/L	10	22.7	23.7	4.3
Ethane	ug/l	5.6	7.9	10	23.5
Ethene	ug/l	5.0	5.2	6.6	23.7
Methane	ug/l	112	4650	4630	0.4
Sulfate	mg/L	10	47.6	46.9	1.5
Total organic carbon	mg/L	0.5	4.0	3.5	13.3

Bold indicates an RPD (or precision) exceedance

Qualification Actions

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

Table 1 - Data Validation Summary of Qualified Data

Sample ID	Analyte	Units	Validation Qualifier	Reason Code
MW-31 MW-65R MW-2101 MW-2102 MW-2103D MW-2106 MW-2107 MW-2110 MW-2111 MW-2112 MW-2113 MW-2114 MW-2201 MW-2201D MW-2301 MW-2301D PZ-2101 PZ-2107 PZ-2112 PZ-2113 PZ-2114 PZ-2301 PZ-2303	Sulfide	mg/l	J-	hs
PZ-2301 PZ-2301D	1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	ug/L	Detects: J- Nondetects: UJ	m

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Table 1 - Data Validation Summary of Qualified Data

Sample ID		Analyte	Units	Validation Qualifier	Reason Code
MW-31 MW-2107 MW-2111 MW-2114 MW-2201D MW-2301D PZ-2107 PZ-2111 PZ-2114 PZ-2301D	MW-65R MW-2110 MW-2112 MW-2201 MW-2301 MW-2303 PZ-2110 PZ-2112 PZ-2301 PZ-2303	Sulfate	mg/L	Detects: J- Nondetects: UJ	m
MW-2201D		Manganese (total and diss)	mg/L	J	dt
MW-82D	PZ-2112	Iron (total and diss)	mg/L	J	dt
MW-82	MW-82D	Iron, dissolved Iron, total Lead, dissolved Chemical Oxygen Demand	mg/L mg/L mg/L mg/L	J	fd
MW-2103	MW-2103D	Methane	ug/L	J	fd
PZ-2103	PZ-2103D	Methane	ug/l	J	fd
PZ-2301	PZ-2301D	Iron, total Iron, dissolved Manganese, dissolved	mg/L mg/L mg/L	Detects: J Nondetects: UJ	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 05, 2024

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

RE: Project: 60705270 KEP
Pace Project No.: 40273470

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on January 24, 2024. 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
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 60705270 KEP
Pace Project No.: 40273470

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40273470001	**TB-01**	Water	01/22/24 09:00	01/24/24 09:10
40273470002	**PZ-2203**	Water	01/22/24 09:30	01/24/24 09:10
40273470003	**MW-2203**	Water	01/22/24 10:00	01/24/24 09:10
40273470004	**MW-2202**	Water	01/22/24 11:00	01/24/24 09:10
40273470005	**PZ-2202**	Water	01/22/24 11:30	01/24/24 09:10
40273470006	**MW-2302**	Water	01/22/24 09:25	01/24/24 09:10
40273470007	**PZ-2302**	Water	01/22/24 10:15	01/24/24 09:10
40273470008	**MW-2108**	Water	01/22/24 09:45	01/24/24 09:10
40273470009	**MW-2110**	Water	01/22/24 10:50	01/24/24 09:10
40273470010	**PZ-2110**	Water	01/22/24 12:00	01/24/24 09:10
40273470011	**MW-2201**	Water	01/22/24 12:30	01/24/24 09:10
40273470012	**MW-2201D**	Water	01/22/24 12:30	01/24/24 09:10
40273470013	**MW-31**	Water	01/22/24 13:45	01/24/24 09:10
40273470014	**MW-2301**	Water	01/22/24 11:45	01/24/24 09:10
40273470015	**MW-2301D**	Water	01/22/24 11:45	01/24/24 09:10
40273470016	**PZ-2301**	Water	01/22/24 13:50	01/24/24 09:10
40273470017	**PZ-2301D**	Water	01/22/24 13:50	01/24/24 09:10
40273470018	**MW-2303**	Water	01/22/24 15:30	01/24/24 09:10
40273470019	**PZ-2303**	Water	01/22/24 16:45	01/24/24 09:10
40273470020	**MW-2114**	Water	01/22/24 13:45	01/24/24 09:10
40273470021	**PZ-2114**	Water	01/22/24 14:50	01/24/24 09:10
40273470022	**MW-2111**	Water	01/22/24 15:30	01/24/24 09:10
40273470023	**PZ-2111**	Water	01/22/24 16:00	01/24/24 09:10
40273470024	**PZ-118**	Water	01/23/24 08:35	01/24/24 09:10
40273470025	**MW-114**	Water	01/23/24 09:20	01/24/24 09:10
40273470026	**MW-2112**	Water	01/23/24 11:20	01/24/24 09:10
40273470027	**PZ-2112**	Water	01/23/24 12:30	01/24/24 09:10
40273470028	**MW-2107**	Water	01/23/24 13:05	01/24/24 09:10
40273470029	**PZ-2107**	Water	01/23/24 13:50	01/24/24 09:10
40273470030	**MW-65R**	Water	01/23/24 09:30	01/24/24 09:10
40273470031	**MW-2101**	Water	01/23/24 11:20	01/24/24 09:10
40273470032	**MW-2103**	Water	01/23/24 12:30	01/24/24 09:10
40273470033	**PZ-2103**	Water	01/23/24 13:45	01/24/24 09:10
40273470034	**PZ-2101**	Water	01/23/24 16:00	01/24/24 09:10
40273470035	**MW-2103D**	Water	01/23/24 12:30	01/24/24 09:10
40273470036	**PZ-2103D**	Water	01/23/24 13:45	01/24/24 09:10
40273470037	**MW-2104**	Water	01/23/24 16:05	01/24/24 09:10

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40273470038	**MW-2113**	Water	01/23/24 14:45	01/24/24 09:10
40273470039	**PZ-2113**	Water	01/23/24 15:20	01/24/24 09:10
40273470040	**MW-2105**	Water	01/23/24 14:15	01/24/24 09:10
40273470041	**PZ-2105**	Water	01/23/24 15:15	01/24/24 09:10
40273470042	**MW-2106**	Water	01/23/24 16:20	01/24/24 09:10
40273470043	**MW-2102**	Water	01/23/24 17:10	01/24/24 09:10

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40273470001	**TB-01**	EPA 8260	EIB	63	PASI-G
40273470002	**PZ-2203**	EPA 8260	EIB	63	PASI-G
40273470003	**MW-2203**	EPA 8260	EIB	63	PASI-G
40273470004	**MW-2202**	EPA 8260	EIB	63	PASI-G
40273470005	**PZ-2202**	EPA 8260	EIB	63	PASI-G
40273470006	**MW-2302**	EPA 8260	EIB	63	PASI-G
40273470007	**PZ-2302**	EPA 8260	EIB	63	PASI-G
40273470008	**MW-2108**	EPA 8260	EIB	63	PASI-G
40273470009	**MW-2110**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	9	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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470010	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470011	**MW-2201**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470012	**MW-2201D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470013	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470014	**MW-2301**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470015	**MW-2301D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470016	**PZ-2301**	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: 60705270 KEP
Pace Project No.: 40273470

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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470017	**PZ-2301D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470018	**MW-2303**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470019	**PZ-2303**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470020	**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

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470021	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470022	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470023	**PZ-2111**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470024	**PZ-118**	EPA 8260	EIB	63	PASI-G
40273470025	**MW-114**	EPA 8260	EIB	63	PASI-G
40273470026	**MW-2112**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470027	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470028	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470029	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470030	**MW-65R**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470031	**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	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470032	**MW-2103**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	EIB	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470033	**PZ-2103**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470034	**PZ-2101**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	10	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470035	**MW-2103D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470036	**PZ-2103D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470037	**MW-2104**	EPA 8260	CXJ	63	PASI-G
40273470038	**MW-2113**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470039	**PZ-2113**	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

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470040	**MW-2105**	EPA 8260	CXJ	63	PASI-G
40273470041	**PZ-2105**	EPA 8260	CXJ	63	PASI-G
40273470042	**MW-2106**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273470043	**MW-2102**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470004	**MW-2202**					
EPA 8260	Trichloroethene	0.84J	ug/L	1.0	01/25/24 16:55	
40273470006	**MW-2302**					
EPA 8260	Chloroethane	23.5	ug/L	5.0	01/25/24 17:34	
EPA 8260	1,1-Dichloroethane	140	ug/L	1.0	01/25/24 17:34	
EPA 8260	cis-1,2-Dichloroethene	37.5	ug/L	1.0	01/25/24 17:34	
EPA 8260	trans-1,2-Dichloroethene	0.73J	ug/L	1.0	01/25/24 17:34	
EPA 8260	Methylene Chloride	16.8	ug/L	5.0	01/25/24 17:34	
EPA 8260	1,1,1-Trichloroethane	3.7	ug/L	1.0	01/25/24 17:34	
EPA 8260	Trichloroethene	3.8	ug/L	1.0	01/25/24 17:34	
EPA 8260	Vinyl chloride	10.0	ug/L	1.0	01/25/24 17:34	
40273470007	**PZ-2302**					
EPA 8260	1,1-Dichloroethane	0.45J	ug/L	1.0	01/25/24 13:41	
40273470008	**MW-2108**					
EPA 8260	Vinyl chloride	5.1	ug/L	1.0	01/25/24 14:00	
40273470009	**MW-2110**					
EPA 6020B	Iron	0.26	mg/L	0.25	01/30/24 11:17	
EPA 6020B	Manganese	0.18	mg/L	0.0040	01/30/24 11:17	
EPA 6020B	Barium, Dissolved	0.024	mg/L	0.0023	01/30/24 13:43	
EPA 6020B	Calcium, Dissolved	219	mg/L	2.5	02/01/24 12:51	P6
EPA 6020B	Iron, Dissolved	0.23J	mg/L	0.25	01/30/24 13:43	
EPA 6020B	Magnesium, Dissolved	78.8	mg/L	2.5	02/01/24 12:51	
EPA 6020B	Manganese, Dissolved	0.21	mg/L	0.0040	01/30/24 13:43	D9
EPA 6020B	Nickel, Dissolved	0.0017	mg/L	0.0010	01/30/24 13:43	
EPA 6020B	Sodium, Dissolved	153	mg/L	2.5	02/01/24 12:51	P6
EPA 8260	cis-1,2-Dichloroethene	3.9	ug/L	1.0	01/25/24 14:20	
EPA 8260	Vinyl chloride	4.1	ug/L	1.0	01/25/24 14:20	
EPA 300.0	Chloride	101	mg/L	40.0	01/25/24 14:50	
EPA 300.0	Sulfate	565	mg/L	40.0	01/25/24 14:50	M0
EPA 310.2	Alkalinity, Total as CaCO3	412	mg/L	50.0	01/25/24 13:13	
SM 5310C	Total Organic Carbon	2.8	mg/L	0.50	01/29/24 10:47	
40273470010	**PZ-2110**					
EPA 8015B Modified	Methane	5.7	ug/L	2.8	02/02/24 11:36	
EPA 6020B	Iron	1.5	mg/L	0.25	01/30/24 11:38	
EPA 6020B	Manganese	0.13	mg/L	0.0040	01/30/24 11:38	
EPA 6020B	Barium, Dissolved	0.049	mg/L	0.0023	01/30/24 14:24	
EPA 6020B	Calcium, Dissolved	197	mg/L	0.25	01/30/24 14:24	
EPA 6020B	Iron, Dissolved	1.7	mg/L	0.25	01/30/24 14:24	D9
EPA 6020B	Magnesium, Dissolved	81.0	mg/L	0.25	01/30/24 14:24	
EPA 6020B	Manganese, Dissolved	0.15	mg/L	0.0040	01/30/24 14:24	D9
EPA 6020B	Nickel, Dissolved	0.0010	mg/L	0.0010	01/30/24 14:24	
EPA 6020B	Potassium, Dissolved	3.6	mg/L	0.79	01/30/24 14:24	
EPA 6020B	Sodium, Dissolved	268	mg/L	2.5	01/31/24 13:53	
EPA 300.0	Chloride	519	mg/L	40.0	01/25/24 15:33	
EPA 300.0	Sulfate	368	mg/L	40.0	01/25/24 15:33	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470010	**PZ-2110**					
EPA 310.2	Alkalinity, Total as CaCO3	299	mg/L	25.0	01/25/24 13:16	
EPA 410.4	Chemical Oxygen Demand	22.7J	mg/L	52.6	01/31/24 05:28	
SM 5310C	Total Organic Carbon	2.2	mg/L	0.50	01/29/24 11:05	
40273470011	**MW-2201**					
EPA 8015B Modified	Ethane	1.0J	ug/L	5.6	01/29/24 11:51	
EPA 8015B Modified	Ethene	5.7	ug/L	5.0	01/29/24 11:51	
EPA 8015B Modified	Methane	278	ug/L	2.8	01/29/24 11:51	
EPA 6020B	Iron	2.0	mg/L	0.25	01/30/24 11:49	
EPA 6020B	Manganese	0.068	mg/L	0.0040	01/30/24 11:49	
EPA 6020B	Barium, Dissolved	0.035	mg/L	0.0023	01/30/24 14:35	
EPA 6020B	Iron, Dissolved	1.5	mg/L	0.25	01/30/24 14:35	
EPA 6020B	Manganese, Dissolved	0.083	mg/L	0.0040	01/30/24 14:35	D9
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	01/30/24 14:35	
EPA 8260	1,1-Dichloroethane	0.38J	ug/L	1.0	01/30/24 11:13	
EPA 8260	cis-1,2-Dichloroethene	26.2	ug/L	1.0	01/30/24 11:13	
EPA 8260	Vinyl chloride	9.1	ug/L	1.0	01/30/24 11:13	
EPA 300.0	Chloride	23.3	mg/L	20.0	01/25/24 16:30	
EPA 300.0	Sulfate	268	mg/L	20.0	01/25/24 16:30	
EPA 310.2	Alkalinity, Total as CaCO3	508	mg/L	50.0	01/25/24 13:17	
EPA 410.4	Chemical Oxygen Demand	21.6J	mg/L	50.0	01/31/24 05:29	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	01/29/24 11:23	
40273470012	**MW-2201D**					
EPA 8015B Modified	Ethane	1.3J	ug/L	5.6	01/29/24 11:58	
EPA 8015B Modified	Ethene	8.3	ug/L	5.0	01/29/24 11:58	
EPA 8015B Modified	Methane	306	ug/L	7.0	01/29/24 15:07	
EPA 6020B	Iron	2.0	mg/L	0.25	01/30/24 11:54	
EPA 6020B	Manganese	0.073	mg/L	0.0040	01/30/24 11:54	
EPA 6020B	Barium, Dissolved	0.036	mg/L	0.0023	01/30/24 14:40	
EPA 6020B	Iron, Dissolved	1.4	mg/L	0.25	01/30/24 14:40	
EPA 6020B	Manganese, Dissolved	0.096	mg/L	0.0040	01/30/24 14:40	CR
EPA 6020B	Nickel, Dissolved	0.0015	mg/L	0.0010	01/30/24 14:40	
EPA 8260	1,1-Dichloroethane	0.39J	ug/L	1.0	01/30/24 10:54	
EPA 8260	cis-1,2-Dichloroethene	28.3	ug/L	1.0	01/30/24 10:54	
EPA 8260	Trichloroethene	0.37J	ug/L	1.0	01/30/24 10:54	
EPA 8260	Vinyl chloride	10.2	ug/L	1.0	01/30/24 10:54	
EPA 300.0	Chloride	24.3	mg/L	20.0	01/25/24 16:45	
EPA 300.0	Sulfate	270	mg/L	20.0	01/25/24 16:45	
EPA 310.2	Alkalinity, Total as CaCO3	495	mg/L	50.0	01/25/24 13:18	
EPA 410.4	Chemical Oxygen Demand	19.4J	mg/L	50.0	01/31/24 05:29	
SM 5310C	Total Organic Carbon	2.4	mg/L	0.50	01/29/24 11:38	
40273470013	**MW-31**					
EPA 8015B Modified	Ethane	111	ug/L	5.6	01/29/24 12:05	
EPA 8015B Modified	Ethene	109	ug/L	5.0	01/29/24 12:05	
EPA 8015B Modified	Methane	11700	ug/L	350	01/29/24 15:14	
EPA 6020B	Iron	26.9	mg/L	0.25	01/30/24 12:09	
EPA 6020B	Manganese	0.72	mg/L	0.0040	01/30/24 12:09	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470013	**MW-31**					
EPA 6020B	Barium, Dissolved	0.20	mg/L	0.0023	01/30/24 14:45	
EPA 6020B	Chromium, Dissolved	0.0015J	mg/L	0.0034	01/30/24 14:45	
EPA 6020B	Iron, Dissolved	26.9	mg/L	0.25	01/30/24 14:45	
EPA 6020B	Manganese, Dissolved	0.76	mg/L	0.0040	01/30/24 14:45	D9
EPA 6020B	Nickel, Dissolved	0.00043J	mg/L	0.0010	01/30/24 14:45	
EPA 8260	cis-1,2-Dichloroethene	0.79J	ug/L	1.0	01/25/24 17:11	
EPA 8260	Vinyl chloride	9.6	ug/L	1.0	01/25/24 17:11	
EPA 300.0	Chloride	23.3	mg/L	10.0	01/25/24 16:59	
EPA 300.0	Sulfate	316	mg/L	40.0	01/26/24 13:27	
EPA 310.2	Alkalinity, Total as CaCO3	515	mg/L	50.0	01/25/24 13:19	
SM 5310C	Total Organic Carbon	2.4	mg/L	0.50	01/29/24 11:53	
40273470014	**MW-2301**					
EPA 8015B Modified	Ethane	27.2	ug/L	5.6	01/29/24 12:32	
EPA 8015B Modified	Ethene	87.7	ug/L	5.0	01/29/24 12:32	
EPA 8015B Modified	Methane	13600	ug/L	140	01/29/24 15:21	
EPA 6020B	Iron	6.8	mg/L	0.25	01/30/24 12:14	
EPA 6020B	Manganese	0.085	mg/L	0.0040	01/30/24 12:14	
EPA 6020B	Barium, Dissolved	0.097	mg/L	0.0023	01/30/24 14:50	
EPA 6020B	Iron, Dissolved	2.4	mg/L	0.25	01/30/24 14:50	
EPA 6020B	Manganese, Dissolved	0.082	mg/L	0.0040	01/30/24 14:50	
EPA 8260	cis-1,2-Dichloroethene	0.48J	ug/L	1.0	01/29/24 15:20	
EPA 8260	Vinyl chloride	3.4	ug/L	1.0	01/29/24 15:20	
EPA 300.0	Chloride	25.4	mg/L	10.0	01/25/24 17:13	
EPA 300.0	Sulfate	46.1	mg/L	10.0	01/25/24 17:13	
EPA 310.2	Alkalinity, Total as CaCO3	318	mg/L	50.0	01/25/24 13:20	
EPA 410.4	Chemical Oxygen Demand	58.4	mg/L	50.0	01/31/24 05:29	
SM 5310C	Total Organic Carbon	26.2	mg/L	1.0	01/29/24 12:09	
40273470015	**MW-2301D**					
EPA 8015B Modified	Ethane	26.9	ug/L	5.6	01/29/24 12:38	
EPA 8015B Modified	Ethene	87.6	ug/L	5.0	01/29/24 12:38	
EPA 8015B Modified	Methane	12400	ug/L	140	01/29/24 15:28	
EPA 6020B	Iron	7.6	mg/L	0.25	01/30/24 12:20	
EPA 6020B	Manganese	0.082	mg/L	0.0040	01/30/24 12:20	
EPA 6020B	Barium, Dissolved	0.095	mg/L	0.0023	01/30/24 14:55	
EPA 6020B	Iron, Dissolved	2.6	mg/L	0.25	01/30/24 14:55	
EPA 6020B	Manganese, Dissolved	0.078	mg/L	0.0040	01/30/24 14:55	
EPA 8260	cis-1,2-Dichloroethene	0.54J	ug/L	1.0	01/25/24 17:32	
EPA 8260	Vinyl chloride	3.4	ug/L	1.0	01/25/24 17:32	
EPA 300.0	Chloride	24.4	mg/L	10.0	01/25/24 17:28	
EPA 300.0	Sulfate	50.3	mg/L	10.0	01/25/24 17:28	
EPA 310.2	Alkalinity, Total as CaCO3	319	mg/L	25.0	01/25/24 13:24	
EPA 410.4	Chemical Oxygen Demand	45.4J	mg/L	50.0	01/31/24 05:29	
SM 5310C	Total Organic Carbon	25.3	mg/L	1.0	01/29/24 12:26	
40273470016	**PZ-2301**					
EPA 8015B Modified	Ethane	7.9	ug/L	5.6	01/29/24 12:45	
EPA 8015B Modified	Ethene	5.2	ug/L	5.0	01/29/24 12:45	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470016	**PZ-2301**					
EPA 8015B Modified	Methane	4650	ug/L	56.0	01/29/24 15:48	
EPA 6020B	Iron	0.42	mg/L	0.25	01/30/24 12:25	
EPA 6020B	Manganese	0.0046	mg/L	0.0040	01/30/24 12:25	
EPA 6020B	Barium, Dissolved	0.049	mg/L	0.0023	01/30/24 15:00	
EPA 6020B	Chromium, Dissolved	0.0014J	mg/L	0.0034	01/30/24 15:00	
EPA 6020B	Iron, Dissolved	0.097J	mg/L	0.25	01/30/24 15:00	
EPA 8260	1,2-Dichlorobenzene	0.75J	ug/L	1.0	01/25/24 14:46	M1
EPA 8260	1,3-Dichlorobenzene	0.83J	ug/L	1.0	01/25/24 14:46	M1
EPA 8260	1,2,4-Trichlorobenzene	1.3J	ug/L	5.0	01/25/24 14:46	1q,M1
EPA 300.0	Chloride	22.7	mg/L	10.0	01/25/24 17:42	
EPA 300.0	Sulfate	47.6	mg/L	10.0	01/25/24 17:42	
EPA 310.2	Alkalinity, Total as CaCO3	91.5	mg/L	25.0	01/25/24 13:25	
SM 5310C	Total Organic Carbon	4.0	mg/L	0.50	01/29/24 12:44	
40273470017	**PZ-2301D**					
EPA 8015B Modified	Ethane	10.0	ug/L	5.6	01/29/24 12:52	
EPA 8015B Modified	Ethene	6.6	ug/L	5.0	01/29/24 12:52	
EPA 8015B Modified	Methane	4630	ug/L	112	01/29/24 17:35	
EPA 6020B	Iron	1.2	mg/L	0.25	01/30/24 12:30	
EPA 6020B	Manganese	0.0053	mg/L	0.0040	01/30/24 12:30	
EPA 6020B	Barium, Dissolved	0.050	mg/L	0.0023	01/30/24 15:21	
EPA 6020B	Iron, Dissolved	0.48	mg/L	0.25	01/30/24 15:21	
EPA 6020B	Lead, Dissolved	0.00087J	mg/L	0.0010	01/30/24 15:21	
EPA 6020B	Manganese, Dissolved	0.0050	mg/L	0.0040	01/30/24 15:21	
EPA 6020B	Nickel, Dissolved	0.00067J	mg/L	0.0010	01/30/24 15:21	
EPA 300.0	Chloride	23.7	mg/L	10.0	01/25/24 17:56	
EPA 300.0	Sulfate	46.9	mg/L	10.0	01/25/24 17:56	
EPA 310.2	Alkalinity, Total as CaCO3	98.2	mg/L	25.0	01/25/24 13:26	
SM 5310C	Total Organic Carbon	3.5	mg/L	0.50	01/29/24 13:00	
40273470018	**MW-2303**					
EPA 8015B Modified	Ethane	19.9	ug/L	5.6	01/29/24 12:59	
EPA 8015B Modified	Ethene	142	ug/L	5.0	01/29/24 12:59	
EPA 8015B Modified	Methane	5330	ug/L	56.0	01/29/24 16:02	
EPA 6020B	Iron	9.5	mg/L	0.25	01/30/24 12:35	
EPA 6020B	Manganese	0.45	mg/L	0.0040	01/30/24 12:35	
EPA 6020B	Barium, Dissolved	0.22	mg/L	0.0023	01/30/24 15:26	
EPA 6020B	Iron, Dissolved	9.4	mg/L	0.25	01/30/24 15:26	
EPA 6020B	Manganese, Dissolved	0.44	mg/L	0.0040	01/30/24 15:26	
EPA 6020B	Nickel, Dissolved	0.0014	mg/L	0.0010	01/30/24 15:26	
EPA 8260	cis-1,2-Dichloroethene	2.0	ug/L	1.0	01/25/24 20:17	
EPA 8260	Vinyl chloride	67.5	ug/L	1.0	01/25/24 20:17	
EPA 300.0	Chloride	110	mg/L	10.0	01/25/24 18:11	
EPA 300.0	Sulfate	210	mg/L	10.0	01/25/24 18:11	
EPA 310.2	Alkalinity, Total as CaCO3	402	mg/L	50.0	01/25/24 13:27	
SM 5310C	Total Organic Carbon	2.3	mg/L	0.50	01/29/24 13:37	
40273470019	**PZ-2303**					
EPA 8015B Modified	Ethane	3.3J	ug/L	5.6	01/29/24 13:06	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470019	**PZ-2303**					
EPA 8015B Modified	Methane	2140	ug/L	56.0	01/29/24 17:41	
EPA 6020B	Iron	5.0	mg/L	0.25	01/30/24 12:40	
EPA 6020B	Manganese	0.32	mg/L	0.0040	01/30/24 12:40	
EPA 6020B	Barium, Dissolved	0.26	mg/L	0.0023	01/30/24 05:41	
EPA 6020B	Iron, Dissolved	5.2	mg/L	0.25	01/30/24 05:41	D9
EPA 6020B	Lead, Dissolved	0.00033J	mg/L	0.0010	01/30/24 05:41	
EPA 6020B	Manganese, Dissolved	0.33	mg/L	0.0040	01/30/24 05:41	D9
EPA 6020B	Nickel, Dissolved	0.0018	mg/L	0.0010	01/30/24 05:41	
EPA 8260	Methyl-tert-butyl ether	2.7J	ug/L	5.0	01/25/24 15:48	
EPA 8260	Vinyl chloride	0.46J	ug/L	1.0	01/25/24 15:48	
EPA 300.0	Chloride	150	mg/L	20.0	01/25/24 18:25	
EPA 300.0	Sulfate	272	mg/L	20.0	01/25/24 18:25	
EPA 310.2	Alkalinity, Total as CaCO3	567	mg/L	125	01/25/24 13:28	
SM 5310C	Total Organic Carbon	1.6	mg/L	0.50	01/29/24 13:53	
40273470020	**MW-2114**					
EPA 8015B Modified	Ethane	17.4	ug/L	5.6	01/29/24 13:13	
EPA 8015B Modified	Ethene	1.6J	ug/L	5.0	01/29/24 13:13	
EPA 8015B Modified	Methane	9010	ug/L	112	01/29/24 16:16	
EPA 6020B	Iron	2.4	mg/L	0.25	01/30/24 12:46	
EPA 6020B	Manganese	0.41	mg/L	0.0040	01/30/24 12:46	
EPA 6020B	Barium, Dissolved	0.079	mg/L	0.0023	01/30/24 05:46	
EPA 6020B	Iron, Dissolved	2.5	mg/L	0.25	01/30/24 05:46	D9
EPA 6020B	Lead, Dissolved	0.00030J	mg/L	0.0010	01/30/24 05:46	
EPA 6020B	Manganese, Dissolved	0.46	mg/L	0.0040	01/30/24 05:46	D9
EPA 6020B	Nickel, Dissolved	0.014	mg/L	0.0010	01/30/24 05:46	
EPA 8260	1,1-Dichloroethane	0.73J	ug/L	1.0	01/25/24 17:52	
EPA 8260	cis-1,2-Dichloroethene	4.3	ug/L	1.0	01/25/24 17:52	
EPA 8260	Vinyl chloride	4.9	ug/L	1.0	01/25/24 17:52	
SM 4500-S F (2000)	Sulfide	1.8J	mg/L	4.0	01/25/24 14:53	2q
EPA 300.0	Chloride	84.0	mg/L	20.0	01/25/24 18:40	
EPA 300.0	Sulfate	436	mg/L	20.0	01/25/24 18:40	
EPA 310.2	Alkalinity, Total as CaCO3	585	mg/L	50.0	01/25/24 13:29	
EPA 410.4	Chemical Oxygen Demand	147	mg/L	50.0	01/31/24 05:29	
SM 5310C	Total Organic Carbon	46.6	mg/L	30.0	01/29/24 14:09	
40273470021	**PZ-2114**					
EPA 8015B Modified	Methane	7.2	ug/L	2.8	01/29/24 13:20	
EPA 6020B	Manganese	0.013	mg/L	0.0040	01/30/24 12:51	
EPA 6020B	Barium, Dissolved	0.15	mg/L	0.0023	01/30/24 05:51	
EPA 6020B	Manganese, Dissolved	0.0030J	mg/L	0.0040	01/30/24 05:51	
EPA 6020B	Nickel, Dissolved	0.0049	mg/L	0.0010	01/30/24 05:51	
EPA 300.0	Chloride	132	mg/L	20.0	01/25/24 19:37	
EPA 300.0	Sulfate	174	mg/L	20.0	01/25/24 19:37	
EPA 310.2	Alkalinity, Total as CaCO3	242	mg/L	25.0	01/25/24 13:30	
SM 5310C	Total Organic Carbon	3.5	mg/L	0.50	01/29/24 14:25	
40273470022	**MW-2111**					
EPA 8015B Modified	Ethane	94.2	ug/L	5.6	01/29/24 13:27	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470022	**MW-2111**					
EPA 8015B Modified	Ethene	78.7	ug/L	5.0	01/29/24 13:27	
EPA 8015B Modified	Methane	22900	ug/L	280	01/29/24 16:23	
EPA 6020B	Iron	72.8	mg/L	5.0	01/31/24 14:09	
EPA 6020B	Manganese	0.83	mg/L	0.081	01/31/24 14:09	
EPA 6020B	Barium, Dissolved	0.078	mg/L	0.0023	01/30/24 05:57	
EPA 6020B	Iron, Dissolved	58.2	mg/L	2.5	02/05/24 09:41	
EPA 6020B	Manganese, Dissolved	0.78	mg/L	0.0040	01/30/24 15:32	
EPA 6020B	Nickel, Dissolved	0.0054	mg/L	0.0010	01/30/24 05:57	
EPA 8260	Benzene	0.62J	ug/L	1.0	01/25/24 18:13	
EPA 8260	cis-1,2-Dichloroethene	5.9	ug/L	1.0	01/25/24 18:13	
EPA 8260	Toluene	0.48J	ug/L	1.0	01/25/24 18:13	
EPA 8260	Trichloroethene	0.82J	ug/L	1.0	01/25/24 18:13	
SM 4500-S F (2000)	Sulfide	1.4J	mg/L	4.0	01/25/24 14:56	2q
EPA 300.0	Chloride	18.2J	mg/L	20.0	01/25/24 19:51	D3
EPA 300.0	Sulfate	1350	mg/L	100	01/26/24 13:42	
EPA 310.2	Alkalinity, Total as CaCO3	545	mg/L	250	01/25/24 13:31	
EPA 410.4	Chemical Oxygen Demand	251	mg/L	200	01/31/24 05:30	
SM 5310C	Total Organic Carbon	108	mg/L	75.0	01/29/24 14:40	
40273470023	**PZ-2111**					
EPA 8015B Modified	Ethene	20.7	ug/L	5.0	01/29/24 13:34	
EPA 8015B Modified	Methane	12300	ug/L	280	01/29/24 16:30	
EPA 6020B	Iron	131	mg/L	5.0	01/31/24 14:14	
EPA 6020B	Manganese	0.35	mg/L	0.081	01/31/24 14:14	
EPA 6020B	Barium, Dissolved	1.5	mg/L	0.047	01/31/24 14:04	
EPA 6020B	Iron, Dissolved	130	mg/L	5.0	01/31/24 14:04	
EPA 6020B	Manganese, Dissolved	0.37	mg/L	0.0040	01/30/24 06:02	D9
EPA 6020B	Nickel, Dissolved	0.00032J	mg/L	0.0010	01/30/24 06:02	
EPA 8260	Benzene	0.43J	ug/L	1.0	01/25/24 18:34	
EPA 8260	cis-1,2-Dichloroethene	4.2	ug/L	1.0	01/25/24 18:34	
EPA 300.0	Chloride	94.4	mg/L	20.0	01/25/24 20:06	
EPA 310.2	Alkalinity, Total as CaCO3	2200	mg/L	250	01/25/24 13:32	
EPA 410.4	Chemical Oxygen Demand	4410	mg/L	1000	01/31/24 05:30	
SM 5310C	Total Organic Carbon	1390	mg/L	150	01/29/24 14:56	
40273470024	**PZ-118**					
EPA 8260	cis-1,2-Dichloroethene	1.8	ug/L	1.0	01/25/24 16:30	
40273470025	**MW-114**					
EPA 8260	Vinyl chloride	0.22J	ug/L	1.0	01/25/24 18:55	
40273470026	**MW-2112**					
EPA 8015B Modified	Ethene	11.3	ug/L	5.0	01/30/24 10:56	
EPA 8015B Modified	Methane	2080	ug/L	28.0	01/30/24 13:48	M1
EPA 6020B	Iron	2.8	mg/L	0.25	01/30/24 13:17	
EPA 6020B	Manganese	0.99	mg/L	0.0040	01/30/24 13:17	
EPA 6020B	Barium, Dissolved	0.15	mg/L	0.0023	01/30/24 06:07	
EPA 6020B	Iron, Dissolved	2.8	mg/L	0.25	01/30/24 06:07	
EPA 6020B	Lead, Dissolved	0.00059J	mg/L	0.0010	01/30/24 06:07	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470026	**MW-2112**					
EPA 6020B	Manganese, Dissolved	1.1	mg/L	0.0040	01/30/24 15:37	D9
EPA 6020B	Nickel, Dissolved	0.0028	mg/L	0.0010	01/30/24 06:07	
EPA 8260	cis-1,2-Dichloroethene	2.4	ug/L	1.0	01/25/24 19:15	
EPA 8260	Vinyl chloride	4.4	ug/L	1.0	01/25/24 19:15	
SM 4500-S F (2000)	Sulfide	2.0J	mg/L	4.0	01/25/24 15:00	2q
EPA 300.0	Chloride	49.8	mg/L	20.0	01/25/24 20:20	
EPA 300.0	Sulfate	298	mg/L	20.0	01/25/24 20:20	
EPA 310.2	Alkalinity, Total as CaCO3	436	mg/L	25.0	01/25/24 13:33	
EPA 410.4	Chemical Oxygen Demand	43.2J	mg/L	50.0	01/31/24 05:31	
SM 5310C	Total Organic Carbon	14.3	mg/L	3.0	01/30/24 13:45	
40273470027	**PZ-2112**					
EPA 8015B Modified	Methane	1930	ug/L	56.0	01/30/24 14:38	
EPA 6020B	Iron	4.3	mg/L	0.25	01/30/24 13:22	
EPA 6020B	Manganese	0.059	mg/L	0.0040	01/30/24 13:22	
EPA 6020B	Barium, Dissolved	0.26	mg/L	0.0023	01/30/24 06:12	
EPA 6020B	Iron, Dissolved	6.3	mg/L	0.25	01/30/24 06:12	CR
EPA 6020B	Manganese, Dissolved	0.058	mg/L	0.0040	01/30/24 06:12	
EPA 6020B	Nickel, Dissolved	0.0014	mg/L	0.0010	01/30/24 06:12	
EPA 300.0	Chloride	203	mg/L	40.0	01/25/24 20:34	
EPA 300.0	Sulfate	83.2	mg/L	40.0	01/25/24 20:34	
EPA 310.2	Alkalinity, Total as CaCO3	533	mg/L	50.0	01/25/24 13:38	
SM 5310C	Total Organic Carbon	2.7	mg/L	0.50	01/30/24 14:34	
40273470028	**MW-2107**					
EPA 8015B Modified	Ethane	15.8	ug/L	5.6	01/30/24 11:10	
EPA 8015B Modified	Methane	8280	ug/L	280	01/30/24 14:45	
EPA 6020B	Iron	11.5	mg/L	0.25	01/30/24 13:27	
EPA 6020B	Manganese	0.24	mg/L	0.0040	01/30/24 13:27	
EPA 6020B	Barium, Dissolved	0.020	mg/L	0.0023	01/30/24 06:17	
EPA 6020B	Iron, Dissolved	11.9	mg/L	0.25	01/30/24 06:17	D9
EPA 6020B	Manganese, Dissolved	0.24	mg/L	0.0040	01/30/24 06:17	
EPA 6020B	Nickel, Dissolved	0.0030	mg/L	0.0010	01/30/24 06:17	
EPA 8260	Benzene	1.5	ug/L	1.0	01/25/24 16:51	
EPA 8260	Chloroethane	13.7	ug/L	5.0	01/25/24 16:51	
EPA 8260	1,1-Dichloroethane	0.35J	ug/L	1.0	01/25/24 16:51	
EPA 8260	Toluene	0.56J	ug/L	1.0	01/25/24 16:51	
SM 4500-S F (2000)	Sulfide	2.4J	mg/L	4.0	01/25/24 15:04	2q
EPA 300.0	Chloride	39.8	mg/L	20.0	01/25/24 20:49	
EPA 300.0	Sulfate	206	mg/L	20.0	01/25/24 20:49	
EPA 310.2	Alkalinity, Total as CaCO3	768	mg/L	50.0	01/25/24 13:39	
EPA 410.4	Chemical Oxygen Demand	80.0	mg/L	50.0	01/31/24 05:31	
SM 5310C	Total Organic Carbon	17.6	mg/L	5.0	01/30/24 15:59	
40273470029	**PZ-2107**					
EPA 8015B Modified	Ethene	3.4J	ug/L	5.0	02/02/24 11:43	
EPA 8015B Modified	Methane	14.6	ug/L	2.8	02/02/24 11:43	
EPA 6020B	Iron	0.48	mg/L	0.25	01/30/24 13:32	
EPA 6020B	Manganese	0.032	mg/L	0.0040	01/30/24 13:32	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470029	**PZ-2107**					
EPA 6020B	Barium, Dissolved	0.046	mg/L	0.0023	01/30/24 06:22	
EPA 6020B	Iron, Dissolved	0.23J	mg/L	0.25	01/30/24 06:22	
EPA 6020B	Manganese, Dissolved	0.020	mg/L	0.0040	01/30/24 06:22	
EPA 6020B	Nickel, Dissolved	0.0058	mg/L	0.0010	01/30/24 06:22	
EPA 8260	cis-1,2-Dichloroethene	361	ug/L	5.0	01/29/24 17:36	
EPA 8260	trans-1,2-Dichloroethene	4.3J	ug/L	5.0	01/29/24 17:36	
EPA 8260	Vinyl chloride	56.1	ug/L	5.0	01/29/24 17:36	
EPA 300.0	Chloride	411	mg/L	20.0	01/25/24 21:03	
EPA 300.0	Sulfate	214	mg/L	20.0	01/25/24 21:03	
EPA 310.2	Alkalinity, Total as CaCO3	327	mg/L	25.0	01/25/24 13:40	
SM 5310C	Total Organic Carbon	4.8	mg/L	1.0	01/30/24 16:15	
40273470030	**MW-65R**					
EPA 8015B Modified	Ethane	1.6J	ug/L	5.6	01/30/24 11:24	
EPA 8015B Modified	Ethene	41.8	ug/L	5.0	01/30/24 11:24	
EPA 8015B Modified	Methane	424	ug/L	14.0	01/30/24 14:52	
EPA 6020B	Iron	12.8	mg/L	0.25	01/30/24 13:37	
EPA 6020B	Manganese	0.41	mg/L	0.0040	01/30/24 13:37	
EPA 6020B	Barium, Dissolved	0.10	mg/L	0.0023	01/30/24 06:28	
EPA 6020B	Iron, Dissolved	10.4	mg/L	0.25	01/30/24 06:28	
EPA 6020B	Manganese, Dissolved	0.40	mg/L	0.0040	01/30/24 06:28	
EPA 6020B	Nickel, Dissolved	0.0067	mg/L	0.0010	01/30/24 06:28	
EPA 8260	cis-1,2-Dichloroethene	56.2	ug/L	4.0	01/29/24 17:56	
EPA 8260	Vinyl chloride	298	ug/L	4.0	01/29/24 17:56	
SM 4500-S F (2000)	Sulfide	1.4J	mg/L	4.0	01/25/24 15:07	2q
EPA 300.0	Chloride	287	mg/L	40.0	01/25/24 21:18	
EPA 300.0	Sulfate	298	mg/L	40.0	01/25/24 21:18	
EPA 310.2	Alkalinity, Total as CaCO3	460	mg/L	50.0	01/25/24 13:41	
SM 5310C	Total Organic Carbon	1.8	mg/L	0.50	01/30/24 16:34	
40273470031	**MW-2101**					
EPA 8015B Modified	Ethane	153	ug/L	5.6	01/30/24 11:31	
EPA 8015B Modified	Ethene	333	ug/L	5.0	01/30/24 11:31	
EPA 8015B Modified	Methane	9850	ug/L	280	01/30/24 14:59	
EPA 6020B	Iron	15.7	mg/L	0.25	01/30/24 16:24	
EPA 6020B	Manganese	0.013	mg/L	0.0040	01/30/24 16:24	
EPA 6020B	Barium, Dissolved	0.061	mg/L	0.0023	01/30/24 20:38	
EPA 6020B	Iron, Dissolved	13.9	mg/L	0.25	01/30/24 20:38	
EPA 6020B	Manganese, Dissolved	0.011	mg/L	0.0040	01/30/24 20:38	
EPA 6020B	Nickel, Dissolved	0.00095J	mg/L	0.0010	01/30/24 20:38	
EPA 8260	Benzene	1.0	ug/L	1.0	01/25/24 19:57	
EPA 8260	Toluene	0.80J	ug/L	1.0	01/25/24 19:57	
EPA 300.0	Chloride	81.6	mg/L	20.0	01/25/24 17:10	
EPA 300.0	Sulfate	6.9J	mg/L	20.0	01/25/24 17:10	D3
EPA 310.2	Alkalinity, Total as CaCO3	401	mg/L	125	01/25/24 13:46	
EPA 410.4	Chemical Oxygen Demand	364	mg/L	50.0	01/31/24 05:32	
SM 5310C	Total Organic Carbon	129	mg/L	5.0	01/30/24 16:52	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470032	**MW-2103**					
EPA 8015B Modified	Ethene	2.1J	ug/L	5.0	01/30/24 14:31	
EPA 8015B Modified	Methane	53.4	ug/L	2.8	01/30/24 14:31	
EPA 6020B	Iron	4.7	mg/L	1.2	01/30/24 16:44	
EPA 6020B	Manganese	0.085	mg/L	0.020	01/30/24 16:44	
EPA 6020B	Barium, Dissolved	0.023	mg/L	0.012	01/30/24 20:48	
EPA 6020B	Iron, Dissolved	2.8	mg/L	1.2	01/30/24 20:48	
EPA 6020B	Lead, Dissolved	0.0022J	mg/L	0.0050	01/30/24 20:48	D3
EPA 6020B	Manganese, Dissolved	0.083	mg/L	0.020	01/30/24 20:48	
EPA 6020B	Nickel, Dissolved	0.0085	mg/L	0.0050	01/30/24 20:48	
EPA 8260	cis-1,2-Dichloroethene	179	ug/L	2.0	01/25/24 21:19	
EPA 8260	trans-1,2-Dichloroethene	3.6	ug/L	2.0	01/25/24 21:19	
EPA 8260	Trichloroethene	68.7	ug/L	2.0	01/25/24 21:19	
EPA 8260	Vinyl chloride	18.6	ug/L	2.0	01/25/24 21:19	
EPA 300.0	Chloride	157	mg/L	20.0	01/25/24 17:54	
EPA 300.0	Sulfate	3370	mg/L	200	01/26/24 16:05	
EPA 310.2	Alkalinity, Total as CaCO3	596	mg/L	50.0	01/25/24 13:52	
EPA 410.4	Chemical Oxygen Demand	99.5	mg/L	50.0	01/31/24 05:32	
SM 5310C	Total Organic Carbon	30.3	mg/L	5.0	01/30/24 17:10	
40273470033	**PZ-2103**					
EPA 8015B Modified	Ethane	367	ug/L	5.6	01/30/24 11:45	pH
EPA 8015B Modified	Ethene	5670	ug/L	250	01/30/24 15:06	pH
EPA 8015B Modified	Methane	87.2	ug/L	2.8	01/30/24 11:45	pH
EPA 6020B	Iron	78.0	mg/L	25.0	01/31/24 14:50	
EPA 6020B	Manganese	1.2	mg/L	0.40	01/31/24 14:50	
EPA 6020B	Barium, Dissolved	0.022J	mg/L	0.023	01/30/24 20:07	D3
EPA 6020B	Calcium, Dissolved	463	mg/L	12.7	02/01/24 11:54	
EPA 6020B	Iron, Dissolved	80.7	mg/L	12.5	01/31/24 16:55	D9
EPA 6020B	Magnesium, Dissolved	210	mg/L	2.5	01/30/24 20:07	
EPA 6020B	Manganese, Dissolved	1.3	mg/L	0.20	02/01/24 11:54	D9
EPA 6020B	Potassium, Dissolved	12.1J	mg/L	39.5	01/31/24 16:55	
EPA 6020B	Sodium, Dissolved	7420	mg/L	250	01/30/24 19:46	P6
EPA 8260	cis-1,2-Dichloroethene	61200	ug/L	5000	01/25/24 16:48	
EPA 8260	Trichloroethene	533000	ug/L	5000	01/25/24 16:48	
EPA 300.0	Chloride	899	mg/L	200	01/25/24 18:09	
EPA 300.0	Sulfate	11100	mg/L	1000	01/26/24 13:07	
EPA 310.2	Alkalinity, Total as CaCO3	3810	mg/L	250	01/25/24 13:53	
EPA 410.4	Chemical Oxygen Demand	4020	mg/L	1000	01/31/24 05:33	
SM 5310C	Total Organic Carbon	1190	mg/L	50.0	01/30/24 17:26	
40273470034	**PZ-2101**					
EPA 8015B Modified	Ethane	3760	ug/L	1400	01/30/24 15:13	pH
EPA 8015B Modified	Ethene	20100	ug/L	1250	01/30/24 15:13	pH
EPA 8015B Modified	Methane	2070	ug/L	700	01/30/24 15:13	pH
EPA 6020B	Iron	332	mg/L	2.5	02/05/24 09:36	
EPA 6020B	Manganese	1.1	mg/L	0.020	01/30/24 17:00	
EPA 6020B	Barium, Dissolved	2.0	mg/L	0.0047	01/30/24 20:53	
EPA 6020B	Calcium, Dissolved	1080	mg/L	2.5	02/01/24 12:25	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470034	**PZ-2101**					
EPA 6020B	Iron, Dissolved	324	mg/L	2.5	02/01/24 12:25	
EPA 6020B	Magnesium, Dissolved	215	mg/L	2.5	02/01/24 12:25	
EPA 6020B	Manganese, Dissolved	0.97	mg/L	0.040	02/01/24 12:25	
EPA 6020B	Potassium, Dissolved	8.5	mg/L	1.6	01/30/24 20:53	
EPA 6020B	Sodium, Dissolved	484	mg/L	0.50	01/30/24 20:53	
EPA 8260	cis-1,2-Dichloroethene	87400	ug/L	1000	01/25/24 17:27	
EPA 8260	Trichloroethene	22900	ug/L	1000	01/25/24 17:27	
EPA 8260	Vinyl chloride	23000	ug/L	1000	01/25/24 17:27	
EPA 300.0	Chloride	1050	mg/L	40.0	01/25/24 18:24	
EPA 310.2	Alkalinity, Total as CaCO3	3410	mg/L	250	01/25/24 13:54	
EPA 410.4	Chemical Oxygen Demand	7230	mg/L	1000	01/31/24 05:33	
SM 5310C	Total Organic Carbon	2350	mg/L	150	01/30/24 17:43	
40273470035	**MW-2103D**					
EPA 8015B Modified	Ethane	0.53J	ug/L	5.6	01/30/24 13:41	
EPA 8015B Modified	Ethene	4.0J	ug/L	5.0	01/30/24 13:41	
EPA 8015B Modified	Methane	125	ug/L	2.8	01/30/24 13:41	
EPA 6020B	Iron	4.5	mg/L	2.5	01/30/24 17:16	
EPA 6020B	Manganese	0.078	mg/L	0.040	01/30/24 17:16	
EPA 6020B	Barium, Dissolved	0.024	mg/L	0.023	01/30/24 20:59	
EPA 6020B	Iron, Dissolved	2.9	mg/L	2.5	01/30/24 20:59	
EPA 6020B	Manganese, Dissolved	0.083	mg/L	0.040	01/30/24 20:59	D9
EPA 6020B	Nickel, Dissolved	0.0083J	mg/L	0.010	01/30/24 20:59	D3
EPA 8260	cis-1,2-Dichloroethene	169	ug/L	1.0	01/25/24 14:51	
EPA 8260	trans-1,2-Dichloroethene	2.1	ug/L	1.0	01/25/24 14:51	
EPA 8260	Trichloroethene	75.8	ug/L	1.0	01/25/24 14:51	
EPA 8260	Vinyl chloride	24.6	ug/L	1.0	01/25/24 14:51	
EPA 300.0	Chloride	156	mg/L	20.0	01/25/24 18:39	
EPA 300.0	Sulfate	3670	mg/L	200	01/26/24 13:22	
EPA 310.2	Alkalinity, Total as CaCO3	600	mg/L	50.0	01/25/24 13:55	
EPA 410.4	Chemical Oxygen Demand	82.2	mg/L	50.0	01/31/24 05:33	
SM 5310C	Total Organic Carbon	31.6	mg/L	5.0	01/30/24 18:00	
40273470036	**PZ-2103D**					
EPA 8015B Modified	Ethane	263	ug/L	5.6	01/30/24 12:46	pH
EPA 8015B Modified	Ethene	7240	ug/L	200	01/30/24 15:20	pH
EPA 8015B Modified	Methane	61.3	ug/L	2.8	01/30/24 12:46	pH
EPA 6020B	Iron	76.4	mg/L	25.0	01/31/24 14:56	
EPA 6020B	Manganese	1.2	mg/L	0.40	01/31/24 14:56	
EPA 6020B	Iron, Dissolved	77.1	mg/L	12.5	01/31/24 17:31	D9
EPA 6020B	Manganese, Dissolved	1.2	mg/L	0.20	02/01/24 12:30	
EPA 8260	cis-1,2-Dichloroethene	62300	ug/L	5000	01/25/24 17:08	
EPA 8260	Trichloroethene	540000	ug/L	5000	01/25/24 17:08	
EPA 300.0	Chloride	945	mg/L	200	01/25/24 18:54	
EPA 300.0	Sulfate	12200	mg/L	1000	01/26/24 13:37	
EPA 310.2	Alkalinity, Total as CaCO3	3830	mg/L	250	01/25/24 13:56	
EPA 410.4	Chemical Oxygen Demand	3500	mg/L	1000	01/31/24 05:33	
SM 5310C	Total Organic Carbon	1140	mg/L	50.0	01/30/24 18:37	

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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470037	**MW-2104**					
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	01/26/24 10:36	
EPA 8260	Vinyl chloride	1.2	ug/L	1.0	01/26/24 10:36	
40273470038	**MW-2113**					
EPA 8015B Modified	Ethane	4.4J	ug/L	5.6	01/30/24 12:53	
EPA 8015B Modified	Ethene	51.2	ug/L	5.0	01/30/24 12:53	
EPA 8015B Modified	Methane	3230	ug/L	56.0	01/30/24 15:27	
EPA 6020B	Iron	2.3	mg/L	0.25	01/30/24 17:26	
EPA 6020B	Manganese	0.23	mg/L	0.0040	01/30/24 17:26	
EPA 6020B	Barium, Dissolved	0.079	mg/L	0.0023	01/30/24 21:09	
EPA 6020B	Iron, Dissolved	2.2	mg/L	0.25	01/30/24 21:09	
EPA 6020B	Lead, Dissolved	0.00044J	mg/L	0.0010	01/30/24 21:09	
EPA 6020B	Manganese, Dissolved	0.22	mg/L	0.0040	01/30/24 21:09	
EPA 6020B	Nickel, Dissolved	0.010	mg/L	0.0010	01/30/24 21:09	
EPA 8260	cis-1,2-Dichloroethene	469	ug/L	10.0	01/26/24 11:15	
EPA 8260	trans-1,2-Dichloroethene	18.9	ug/L	1.0	01/25/24 15:30	
EPA 8260	Trichloroethene	0.70J	ug/L	1.0	01/25/24 15:30	
EPA 8260	Vinyl chloride	932	ug/L	10.0	01/26/24 11:15	
EPA 300.0	Chloride	44.9	mg/L	20.0	01/25/24 19:53	
EPA 300.0	Sulfate	597	mg/L	100	01/26/24 13:51	
EPA 310.2	Alkalinity, Total as CaCO3	559	mg/L	50.0	01/25/24 13:57	
EPA 410.4	Chemical Oxygen Demand	97.3	mg/L	50.0	01/31/24 05:33	
SM 5310C	Total Organic Carbon	33.3	mg/L	15.0	01/30/24 18:52	
40273470039	**PZ-2113**					
EPA 8015B Modified	Ethane	108	ug/L	5.6	01/30/24 13:00	
EPA 8015B Modified	Ethene	1970	ug/L	500	01/30/24 15:34	
EPA 8015B Modified	Methane	12000	ug/L	280	01/30/24 15:34	
EPA 6020B	Iron	45.9	mg/L	0.25	01/30/24 17:31	
EPA 6020B	Manganese	0.18	mg/L	0.0040	01/30/24 17:31	
EPA 6020B	Barium, Dissolved	0.96	mg/L	0.0023	01/30/24 21:14	
EPA 6020B	Iron, Dissolved	42.3	mg/L	0.25	01/30/24 21:14	
EPA 6020B	Manganese, Dissolved	0.18	mg/L	0.0040	01/30/24 21:14	
EPA 8260	Benzene	0.72J	ug/L	1.0	01/25/24 12:34	
EPA 8260	cis-1,2-Dichloroethene	1.5	ug/L	1.0	01/25/24 12:34	
EPA 8260	trans-1,2-Dichloroethene	1.5	ug/L	1.0	01/25/24 12:34	
EPA 8260	Toluene	0.32J	ug/L	1.0	01/25/24 12:34	
EPA 8260	Vinyl chloride	9.5	ug/L	1.0	01/25/24 12:34	
EPA 300.0	Chloride	378	mg/L	20.0	01/25/24 20:08	
EPA 310.2	Alkalinity, Total as CaCO3	1180	mg/L	125	01/25/24 13:58	
EPA 410.4	Chemical Oxygen Demand	2250	mg/L	500	01/31/24 05:33	
SM 5310C	Total Organic Carbon	750	mg/L	50.0	01/30/24 19:09	
40273470040	**MW-2105**					
EPA 8260	cis-1,2-Dichloroethene	16.3	ug/L	1.0	01/25/24 16:29	
EPA 8260	Trichloroethene	2.2	ug/L	1.0	01/25/24 16:29	
EPA 8260	Vinyl chloride	1.7	ug/L	1.0	01/25/24 16:29	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273470041	**PZ-2105**					
EPA 8260	Trichloroethene	0.50J	ug/L	1.0	01/26/24 18:04	
40273470042	**MW-2106**					
EPA 8015B Modified	Ethane	2.4J	ug/L	5.6	02/02/24 11:50	
EPA 8015B Modified	Ethene	1.9J	ug/L	5.0	02/02/24 11:50	
EPA 8015B Modified	Methane	1690	ug/L	28.0	01/30/24 15:55	
EPA 6020B	Iron	4.2	mg/L	0.25	01/30/24 17:37	
EPA 6020B	Manganese	0.97	mg/L	0.0040	01/30/24 17:37	
EPA 6020B	Barium, Dissolved	0.019	mg/L	0.0023	01/30/24 21:19	
EPA 6020B	Iron, Dissolved	3.6	mg/L	0.25	01/30/24 21:19	
EPA 6020B	Manganese, Dissolved	0.91	mg/L	0.0040	01/30/24 21:19	
EPA 6020B	Nickel, Dissolved	0.0013	mg/L	0.0010	01/30/24 21:19	
EPA 8260	Vinyl chloride	2.1	ug/L	1.0	01/26/24 18:24	
EPA 300.0	Chloride	65.4	mg/L	20.0	01/25/24 20:23	
EPA 300.0	Sulfate	1440	mg/L	100	01/26/24 14:06	
EPA 310.2	Alkalinity, Total as CaCO3	347	mg/L	125	01/25/24 13:59	
EPA 410.4	Chemical Oxygen Demand	15.9J	mg/L	52.6	01/31/24 05:33	
SM 5310C	Total Organic Carbon	8.9	mg/L	3.0	01/30/24 19:25	
40273470043	**MW-2102**					
EPA 8015B Modified	Ethene	4.2J	ug/L	5.0	01/30/24 13:13	
EPA 8015B Modified	Methane	13400	ug/L	280	01/30/24 16:02	
EPA 6020B	Iron	1.2	mg/L	0.25	01/30/24 17:42	
EPA 6020B	Manganese	0.12	mg/L	0.0040	01/30/24 17:42	
EPA 6020B	Barium, Dissolved	0.026	mg/L	0.0023	01/30/24 21:24	
EPA 6020B	Iron, Dissolved	0.30	mg/L	0.25	01/30/24 21:24	
EPA 6020B	Lead, Dissolved	0.00028J	mg/L	0.0010	01/30/24 21:24	
EPA 6020B	Manganese, Dissolved	0.12	mg/L	0.0040	01/30/24 21:24	
EPA 6020B	Nickel, Dissolved	0.0040	mg/L	0.0010	01/30/24 21:24	
EPA 8260	Trichloroethene	0.39J	ug/L	1.0	01/26/24 18:43	
SM 4500-S F (2000)	Sulfide	7.6	mg/L	4.0	01/29/24 13:23	2q
EPA 300.0	Chloride	30.0	mg/L	20.0	01/25/24 20:37	
EPA 300.0	Sulfate	301	mg/L	100	01/26/24 14:21	
EPA 310.2	Alkalinity, Total as CaCO3	649	mg/L	125	01/25/24 14:00	
EPA 410.4	Chemical Oxygen Demand	303	mg/L	200	01/31/24 05:34	
SM 5310C	Total Organic Carbon	61.2	mg/L	15.0	01/30/24 19:40	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: TB-01 **Lab ID: 40273470001** Collected: 01/22/24 09:00 Received: 01/24/24 09:10 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		01/25/24 12:43	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:43	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:43	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 12:43	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 12:43	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 12:43	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:43	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 12:43	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 12:43	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 12:43	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 12:43	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 12:43	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 12:43	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 12:43	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 12:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 12:43	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 12:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 12:43	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 12:43	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 12:43	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 12:43	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 12:43	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 12:43	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 12:43	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 12:43	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 12:43	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 12:43	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 12:43	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 12:43	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 12:43	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:43	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 12:43	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 12:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 12:43	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 12:43	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 12:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 12:43	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 12:43	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 12:43	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 12:43	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 12:43	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 12:43	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 12:43	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:43	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: TB-01 **Lab ID: 40273470001** Collected: 01/22/24 09:00 Received: 01/24/24 09:10 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		01/25/24 12:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 12:43	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 12:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 12:43	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 12:43	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 12:43	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 12:43	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 12:43	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 12:43	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:43	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 12:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 12:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:43	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 12:43	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 12:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/25/24 12:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/25/24 12:43	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/25/24 12:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2203 **Lab ID: 40273470002** Collected: 01/22/24 09:30 Received: 01/24/24 09:10 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		01/25/24 13:21	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:21	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:21	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 13:21	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 13:21	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 13:21	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:21	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 13:21	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 13:21	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 13:21	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 13:21	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 13:21	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 13:21	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 13:21	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 13:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 13:21	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 13:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 13:21	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 13:21	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 13:21	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 13:21	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 13:21	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 13:21	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 13:21	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 13:21	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 13:21	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 13:21	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 13:21	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 13:21	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 13:21	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:21	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 13:21	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 13:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 13:21	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 13:21	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 13:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 13:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 13:21	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 13:21	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 13:21	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 13:21	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 13:21	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 13:21	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:21	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2203 **Lab ID: 40273470002** Collected: 01/22/24 09:30 Received: 01/24/24 09:10 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		01/25/24 13:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 13:21	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 13:21	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 13:21	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 13:21	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 13:21	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 13:21	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 13:21	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 13:21	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:21	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 13:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 13:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:21	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 13:21	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 13:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		01/25/24 13:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/25/24 13:21	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/25/24 13:21	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2203 **Lab ID: 40273470003** Collected: 01/22/24 10:00 Received: 01/24/24 09:10 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		01/25/24 16:36	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:36	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:36	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:36	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 16:36	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 16:36	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:36	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:36	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 16:36	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 16:36	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:36	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 16:36	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 16:36	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 16:36	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:36	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 16:36	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 16:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 16:36	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 16:36	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:36	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:36	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 16:36	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 16:36	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:36	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:36	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 16:36	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 16:36	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 16:36	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:36	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:36	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:36	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:36	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 16:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 16:36	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:36	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:36	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 16:36	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:36	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:36	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 16:36	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:36	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 16:36	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:36	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:36	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2203 **Lab ID: 40273470003** Collected: 01/22/24 10:00 Received: 01/24/24 09:10 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		01/25/24 16:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 16:36	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:36	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:36	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:36	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 16:36	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 16:36	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 16:36	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:36	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 16:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:36	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 16:36	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 16:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/25/24 16:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/25/24 16:36	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/25/24 16:36	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2202 **Lab ID: 40273470004** Collected: 01/22/24 11:00 Received: 01/24/24 09:10 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		01/25/24 16:55	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:55	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:55	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:55	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 16:55	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 16:55	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:55	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:55	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 16:55	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 16:55	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:55	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 16:55	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 16:55	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 16:55	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:55	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 16:55	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 16:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 16:55	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 16:55	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:55	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:55	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 16:55	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 16:55	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:55	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:55	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 16:55	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 16:55	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 16:55	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:55	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:55	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:55	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:55	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 16:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 16:55	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:55	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:55	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 16:55	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:55	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:55	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 16:55	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:55	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 16:55	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:55	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:55	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2202 **Lab ID: 40273470004** Collected: 01/22/24 11:00 Received: 01/24/24 09:10 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		01/25/24 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 16:55	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:55	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:55	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:55	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 16:55	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:55	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 16:55	79-00-5	
Trichloroethene	**0.84J**	ug/L	1.0	0.32	1		01/25/24 16:55	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:55	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 16:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:55	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 16:55	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 16:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/25/24 16:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/25/24 16:55	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		01/25/24 16:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2202 **Lab ID: 40273470005** Collected: 01/22/24 11:30 Received: 01/24/24 09:10 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		01/25/24 17:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:15	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 17:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 17:15	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:15	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 17:15	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 17:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 17:15	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 17:15	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 17:15	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 17:15	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 17:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 17:15	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 17:15	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:15	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:15	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 17:15	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 17:15	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:15	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:15	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 17:15	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 17:15	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 17:15	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:15	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:15	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:15	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:15	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 17:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 17:15	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:15	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 17:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:15	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:15	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 17:15	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:15	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 17:15	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:15	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:15	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2202 **Lab ID: 40273470005** Collected: 01/22/24 11:30 Received: 01/24/24 09:10 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		01/25/24 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 17:15	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:15	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 17:15	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:15	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 17:15	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 17:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:15	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 17:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:15	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 17:15	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 17:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/25/24 17:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		01/25/24 17:15	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 17:15	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2302 **Lab ID: 40273470006** Collected: 01/22/24 09:25 Received: 01/24/24 09:10 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		01/25/24 17:34	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:34	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:34	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 17:34	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 17:34	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:34	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:34	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 17:34	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 17:34	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:34	108-90-7	
Chloroethane	**23.5**	ug/L	5.0	1.4	1		01/25/24 17:34	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 17:34	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 17:34	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:34	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 17:34	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 17:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 17:34	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 17:34	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:34	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:34	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 17:34	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 17:34	75-71-8	
1,1-Dichloroethane	**140**	ug/L	1.0	0.30	1		01/25/24 17:34	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:34	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 17:34	75-35-4	
cis-1,2-Dichloroethene	**37.5**	ug/L	1.0	0.47	1		01/25/24 17:34	156-59-2	
trans-1,2-Dichloroethene	**0.73J**	ug/L	1.0	0.53	1		01/25/24 17:34	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:34	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:34	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:34	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:34	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 17:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 17:34	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:34	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 17:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:34	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:34	99-87-6	
Methylene Chloride	**16.8**	ug/L	5.0	0.32	1		01/25/24 17:34	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:34	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 17:34	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:34	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2302 **Lab ID: 40273470006** Collected: 01/22/24 09:25 Received: 01/24/24 09:10 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		01/25/24 17:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 17:34	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:34	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:34	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:34	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 17:34	120-82-1	
1,1,1-Trichloroethane	**3.7**	ug/L	1.0	0.30	1		01/25/24 17:34	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 17:34	79-00-5	
Trichloroethene	**3.8**	ug/L	1.0	0.32	1		01/25/24 17:34	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:34	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 17:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:34	108-67-8	
Vinyl chloride	**10.0**	ug/L	1.0	0.17	1		01/25/24 17:34	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 17:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/25/24 17:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/25/24 17:34	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		01/25/24 17:34	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2302 **Lab ID: 40273470007** Collected: 01/22/24 10:15 Received: 01/24/24 09:10 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		01/25/24 13:41	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:41	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:41	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 13:41	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 13:41	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 13:41	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:41	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 13:41	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 13:41	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 13:41	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 13:41	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 13:41	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 13:41	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 13:41	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 13:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 13:41	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 13:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 13:41	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 13:41	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 13:41	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 13:41	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 13:41	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 13:41	75-71-8	
1,1-Dichloroethane	**0.45J**	ug/L	1.0	0.30	1		01/25/24 13:41	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 13:41	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 13:41	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 13:41	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 13:41	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 13:41	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 13:41	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:41	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 13:41	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 13:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 13:41	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 13:41	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 13:41	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 13:41	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 13:41	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 13:41	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 13:41	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 13:41	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 13:41	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 13:41	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:41	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2302 **Lab ID: 40273470007** Collected: 01/22/24 10:15 Received: 01/24/24 09:10 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		01/25/24 13:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 13:41	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 13:41	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 13:41	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 13:41	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 13:41	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 13:41	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 13:41	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 13:41	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 13:41	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 13:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 13:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 13:41	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 13:41	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 13:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/25/24 13:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/25/24 13:41	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 13:41	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2108 **Lab ID: 40273470008** Collected: 01/22/24 09:45 Received: 01/24/24 09:10 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		01/25/24 14:00	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:00	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:00	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:00	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 14:00	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 14:00	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:00	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:00	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 14:00	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 14:00	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:00	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 14:00	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 14:00	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 14:00	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:00	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 14:00	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 14:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 14:00	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 14:00	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:00	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:00	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 14:00	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 14:00	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:00	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:00	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 14:00	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 14:00	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 14:00	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:00	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:00	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:00	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:00	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 14:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 14:00	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:00	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 14:00	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:00	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:00	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 14:00	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:00	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 14:00	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:00	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:00	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2108 **Lab ID: 40273470008** Collected: 01/22/24 09:45 Received: 01/24/24 09:10 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		01/25/24 14:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 14:00	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:00	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:00	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:00	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 14:00	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:00	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 14:00	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 14:00	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:00	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 14:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:00	108-67-8	
Vinyl chloride	**5.1**	ug/L	1.0	0.17	1		01/25/24 14:00	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 14:00	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/25/24 14:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		01/25/24 14:00	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 14:00	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2110 **Lab ID: 40273470009** Collected: 01/22/24 10:50 Received: 01/24/24 09:10 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		01/29/24 14:25	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/29/24 14:25	74-85-1	
Methane	**<0.58**	ug/L	2.8	0.58	1		01/29/24 14:25	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.26**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 11:17	7439-89-6	
Manganese	**0.18**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 11:17	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.024**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 13:43	7440-39-3	
Calcium, Dissolved	**219**	mg/L	2.5	0.76	10	01/25/24 06:05	02/01/24 12:51	7440-70-2	P6
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 13:43	7440-47-3	
Iron, Dissolved	**0.23J**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 13:43	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 13:43	7439-92-1	
Magnesium, Dissolved	**78.8**	mg/L	2.5	0.31	10	01/25/24 06:05	02/01/24 12:51	7439-95-4	
Manganese, Dissolved	**0.21**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 13:43	7439-96-5	D9
Nickel, Dissolved	**0.0017**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 13:43	7440-02-0	
Sodium, Dissolved	**153**	mg/L	2.5	0.42	10	01/25/24 06:05	02/01/24 12:51	7440-23-5	P6
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:20	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:20	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:20	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:20	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 14:20	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 14:20	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:20	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:20	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 14:20	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 14:20	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:20	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 14:20	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 14:20	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 14:20	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:20	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 14:20	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 14:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 14:20	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 14:20	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:20	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:20	541-73-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2110 **Lab ID: 40273470009** Collected: 01/22/24 10:50 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 14:20	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 14:20	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:20	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:20	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 14:20	75-35-4	
cis-1,2-Dichloroethene	**3.9**	ug/L	1.0	0.47	1		01/25/24 14:20	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 14:20	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:20	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:20	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:20	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:20	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 14:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 14:20	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:20	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 14:20	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:20	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:20	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 14:20	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:20	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 14:20	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:20	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 14:20	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:20	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:20	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:20	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 14:20	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:20	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 14:20	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 14:20	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:20	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 14:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:20	108-67-8	
Vinyl chloride	**4.1**	ug/L	1.0	0.17	1		01/25/24 14:20	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 14:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		01/25/24 14:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/25/24 14:20	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/25/24 14:20	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2110 **Lab ID: 40273470009** Collected: 01/22/24 10:50 Received: 01/24/24 09:10 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		01/25/24 14:14		2q
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**101**	mg/L	40.0	11.8	20		01/25/24 14:50	16887-00-6	
Sulfate	**565**	mg/L	40.0	8.9	20		01/25/24 14:50	14808-79-8	M0
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		01/25/24 13:13		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<15.5**	mg/L	52.6	15.5	1	01/31/24 02:35	01/31/24 05:28		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.8**	mg/L	0.50	0.19	1		01/29/24 10:47	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2110 **Lab ID: 40273470010** Collected: 01/22/24 12:00 Received: 01/24/24 09:10 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		02/02/24 11:36	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		02/02/24 11:36	74-85-1	
Methane	**5.7**	ug/L	2.8	0.58	1		02/02/24 11:36	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1.5**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 11:38	7439-89-6	
Manganese	**0.13**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 11:38	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.049**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 14:24	7440-39-3	
Calcium, Dissolved	**197**	mg/L	0.25	0.076	1	01/25/24 06:05	01/30/24 14:24	7440-70-2	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 14:24	7440-47-3	
Iron, Dissolved	**1.7**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 14:24	7439-89-6	D9
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 14:24	7439-92-1	
Magnesium, Dissolved	**81.0**	mg/L	0.25	0.031	1	01/25/24 06:05	01/30/24 14:24	7439-95-4	
Manganese, Dissolved	**0.15**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 14:24	7439-96-5	D9
Nickel, Dissolved	**0.0010**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 14:24	7440-02-0	
Potassium, Dissolved	**3.6**	mg/L	0.79	0.24	1	01/25/24 06:05	01/30/24 14:24	7440-09-7	
Sodium, Dissolved	**268**	mg/L	2.5	0.42	10	01/25/24 06:05	01/31/24 13:53	7440-23-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:39	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:39	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:39	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:39	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 14:39	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 14:39	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:39	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:39	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 14:39	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 14:39	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:39	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 14:39	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 14:39	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 14:39	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:39	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 14:39	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 14:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 14:39	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 14:39	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:39	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2110 **Lab ID: 40273470010** Collected: 01/22/24 12:00 Received: 01/24/24 09:10 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		01/25/24 14:39	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 14:39	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 14:39	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:39	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:39	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 14:39	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 14:39	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 14:39	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:39	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:39	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:39	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:39	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 14:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 14:39	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:39	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:39	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 14:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:39	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:39	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 14:39	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:39	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 14:39	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:39	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:39	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 14:39	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:39	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:39	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:39	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 14:39	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:39	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 14:39	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 14:39	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:39	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 14:39	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:39	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 14:39	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 14:39	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		01/25/24 14:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/25/24 14:39	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 14:39	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2110 **Lab ID: 40273470010** Collected: 01/22/24 12:00 Received: 01/24/24 09:10 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		01/25/24 14:21		
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**519**	mg/L	40.0	11.8	20		01/25/24 15:33	16887-00-6	
Sulfate	**368**	mg/L	40.0	8.9	20		01/25/24 15:33	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**299**	mg/L	25.0	7.4	1		01/25/24 13:16		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**22.7J**	mg/L	52.6	15.5	1	01/31/24 02:35	01/31/24 05:28		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.2**	mg/L	0.50	0.19	1		01/29/24 11:05	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2201 **Lab ID: 40273470011** Collected: 01/22/24 12:30 Received: 01/24/24 09:10 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	**1.0J**	ug/L	5.6	0.39	1		01/29/24 11:51	74-84-0	
Ethene	**5.7**	ug/L	5.0	0.25	1		01/29/24 11:51	74-85-1	
Methane	**278**	ug/L	2.8	0.58	1		01/29/24 11:51	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.0**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 11:49	7439-89-6	
Manganese	**0.068**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 11:49	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.035**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 14:35	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 14:35	7440-47-3	
Iron, Dissolved	**1.5**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 14:35	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 14:35	7439-92-1	
Manganese, Dissolved	**0.083**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 14:35	7439-96-5	D9
Nickel, Dissolved	**0.0013**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 14:35	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/30/24 11:13	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/24 11:13	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/30/24 11:13	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/24 11:13	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/30/24 11:13	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/30/24 11:13	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/24 11:13	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/30/24 11:13	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/30/24 11:13	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/30/24 11:13	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/24 11:13	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/30/24 11:13	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/30/24 11:13	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/30/24 11:13	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/24 11:13	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/24 11:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/30/24 11:13	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/30/24 11:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/30/24 11:13	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/30/24 11:13	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/24 11:13	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/24 11:13	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/30/24 11:13	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/30/24 11:13	75-71-8	
1,1-Dichloroethane	**0.38J**	ug/L	1.0	0.30	1		01/30/24 11:13	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2201 **Lab ID: 40273470011** Collected: 01/22/24 12:30 Received: 01/24/24 09:10 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		01/30/24 11:13	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/30/24 11:13	75-35-4	
cis-1,2-Dichloroethene	**26.2**	ug/L	1.0	0.47	1		01/30/24 11:13	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/30/24 11:13	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/30/24 11:13	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/30/24 11:13	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/30/24 11:13	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/30/24 11:13	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/30/24 11:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/30/24 11:13	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/24 11:13	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/24 11:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/30/24 11:13	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/30/24 11:13	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/30/24 11:13	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/30/24 11:13	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/24 11:13	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/30/24 11:13	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/24 11:13	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/30/24 11:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/30/24 11:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/30/24 11:13	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/30/24 11:13	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/30/24 11:13	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/30/24 11:13	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/30/24 11:13	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/24 11:13	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/30/24 11:13	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/30/24 11:13	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/24 11:13	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/30/24 11:13	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/30/24 11:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/24 11:13	108-67-8	
Vinyl chloride	**9.1**	ug/L	1.0	0.17	1		01/30/24 11:13	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/30/24 11:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/30/24 11:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/30/24 11:13	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/30/24 11:13	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/25/24 14:24		2q

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2201 **Lab ID: 40273470011** Collected: 01/22/24 12:30 Received: 01/24/24 09:10 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	5.9	10		01/25/24 16:30	16887-00-6	
Sulfate	**268**	mg/L	20.0	4.4	10		01/25/24 16:30	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**508**	mg/L	50.0	14.9	2		01/25/24 13:17		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**21.6J**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.3**	mg/L	0.50	0.19	1		01/29/24 11:23	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2201D **Lab ID: 40273470012** Collected: 01/22/24 12:30 Received: 01/24/24 09:10 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	**1.3J**	ug/L	5.6	0.39	1		01/29/24 11:58	74-84-0	
Ethene	**8.3**	ug/L	5.0	0.25	1		01/29/24 11:58	74-85-1	
Methane	**306**	ug/L	7.0	1.4	2.5		01/29/24 15:07	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.0**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 11:54	7439-89-6	
Manganese	**0.073**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 11:54	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.036**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 14:40	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 14:40	7440-47-3	
Iron, Dissolved	**1.4**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 14:40	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 14:40	7439-92-1	
Manganese, Dissolved	**0.096**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 14:40	7439-96-5	CR
Nickel, Dissolved	**0.0015**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 14:40	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/30/24 10:54	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/24 10:54	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/30/24 10:54	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/24 10:54	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/30/24 10:54	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/30/24 10:54	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/24 10:54	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/30/24 10:54	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/30/24 10:54	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/30/24 10:54	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/30/24 10:54	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/30/24 10:54	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/30/24 10:54	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/30/24 10:54	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/24 10:54	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/30/24 10:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/30/24 10:54	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/30/24 10:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/30/24 10:54	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/30/24 10:54	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/24 10:54	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/24 10:54	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/30/24 10:54	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/30/24 10:54	75-71-8	
1,1-Dichloroethane	**0.39J**	ug/L	1.0	0.30	1		01/30/24 10:54	75-34-3	

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2201D **Lab ID: 40273470012** Collected: 01/22/24 12:30 Received: 01/24/24 09:10 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		01/30/24 10:54	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/30/24 10:54	75-35-4	
cis-1,2-Dichloroethene	**28.3**	ug/L	1.0	0.47	1		01/30/24 10:54	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/30/24 10:54	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/30/24 10:54	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/30/24 10:54	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/30/24 10:54	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/30/24 10:54	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/30/24 10:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/30/24 10:54	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/24 10:54	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/30/24 10:54	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/30/24 10:54	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/30/24 10:54	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/30/24 10:54	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/30/24 10:54	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/30/24 10:54	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/30/24 10:54	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/30/24 10:54	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/30/24 10:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/30/24 10:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/30/24 10:54	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/30/24 10:54	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/30/24 10:54	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/30/24 10:54	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/30/24 10:54	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/30/24 10:54	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/30/24 10:54	79-00-5	
Trichloroethene	**0.37J**	ug/L	1.0	0.32	1		01/30/24 10:54	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/30/24 10:54	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/30/24 10:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/30/24 10:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/30/24 10:54	108-67-8	
Vinyl chloride	**10.2**	ug/L	1.0	0.17	1		01/30/24 10:54	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/30/24 10:54	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/30/24 10:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/30/24 10:54	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/30/24 10:54	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		01/25/24 14:26		2q

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2201D **Lab ID: 40273470012** Collected: 01/22/24 12:30 Received: 01/24/24 09:10 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	**24.3**	mg/L	20.0	5.9	10		01/25/24 16:45	16887-00-6	
Sulfate	**270**	mg/L	20.0	4.4	10		01/25/24 16:45	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**495**	mg/L	50.0	14.9	2		01/25/24 13:18		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**19.4J**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.4**	mg/L	0.50	0.19	1		01/29/24 11:38	7440-44-0	

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-31 **Lab ID: 40273470013** Collected: 01/22/24 13:45 Received: 01/24/24 09:10 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	**111**	ug/L	5.6	0.39	1		01/29/24 12:05	74-84-0	
Ethene	**109**	ug/L	5.0	0.25	1		01/29/24 12:05	74-85-1	
Methane	**11700**	ug/L	350	72.0	125		01/29/24 15:14	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**26.9**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:09	7439-89-6	
Manganese	**0.72**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:09	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.20**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 14:45	7440-39-3	
Chromium, Dissolved	**0.0015J**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 14:45	7440-47-3	
Iron, Dissolved	**26.9**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 14:45	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 14:45	7439-92-1	
Manganese, Dissolved	**0.76**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 14:45	7439-96-5	D9
Nickel, Dissolved	**0.00043J**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 14:45	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:11	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:11	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:11	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 17:11	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 17:11	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:11	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:11	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 17:11	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 17:11	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:11	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 17:11	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 17:11	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 17:11	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:11	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 17:11	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 17:11	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 17:11	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 17:11	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:11	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:11	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 17:11	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 17:11	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:11	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-31 **Lab ID: 40273470013** Collected: 01/22/24 13:45 Received: 01/24/24 09:10 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		01/25/24 17:11	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 17:11	75-35-4	
cis-1,2-Dichloroethene	**0.79J**	ug/L	1.0	0.47	1		01/25/24 17:11	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 17:11	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:11	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:11	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:11	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:11	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 17:11	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 17:11	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:11	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 17:11	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:11	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:11	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 17:11	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:11	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 17:11	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:11	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 17:11	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:11	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:11	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:11	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 17:11	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:11	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 17:11	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 17:11	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:11	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 17:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:11	108-67-8	
Vinyl chloride	**9.6**	ug/L	1.0	0.17	1		01/25/24 17:11	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 17:11	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		01/25/24 17:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/25/24 17:11	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 17:11	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/25/24 14:28		2q

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-31 **Lab ID: 40273470013** Collected: 01/22/24 13:45 Received: 01/24/24 09:10 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	10.0	3.0	5		01/25/24 16:59	16887-00-6	
Sulfate	**316**	mg/L	40.0	8.9	20		01/26/24 13:27	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**515**	mg/L	50.0	14.9	2		01/25/24 13:19		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.4**	mg/L	0.50	0.19	1		01/29/24 11:53	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2301 **Lab ID: 40273470014** Collected: 01/22/24 11:45 Received: 01/24/24 09:10 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	**27.2**	ug/L	5.6	0.39	1		01/29/24 12:32	74-84-0	
Ethene	**87.7**	ug/L	5.0	0.25	1		01/29/24 12:32	74-85-1	
Methane	**13600**	ug/L	140	28.8	50		01/29/24 15:21	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**6.8**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:14	7439-89-6	
Manganese	**0.085**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:14	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	01/25/24 06:05	01/30/24 14:50	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 14:50	7440-47-3	
Iron, Dissolved	**2.4**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 14:50	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 14:50	7439-92-1	
Manganese, Dissolved	**0.082**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 14:50	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 14:50	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/29/24 15:20	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/29/24 15:20	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/29/24 15:20	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/29/24 15:20	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/29/24 15:20	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/29/24 15:20	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/29/24 15:20	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/29/24 15:20	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/29/24 15:20	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/29/24 15:20	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/29/24 15:20	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/29/24 15:20	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/29/24 15:20	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/29/24 15:20	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/29/24 15:20	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/29/24 15:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/29/24 15:20	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/29/24 15:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/29/24 15:20	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/29/24 15:20	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/29/24 15:20	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/29/24 15:20	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/29/24 15:20	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/29/24 15:20	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/29/24 15:20	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2301 **Lab ID: 40273470014** Collected: 01/22/24 11:45 Received: 01/24/24 09:10 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		01/29/24 15:20	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/29/24 15:20	75-35-4	
cis-1,2-Dichloroethene	**0.48J**	ug/L	1.0	0.47	1		01/29/24 15:20	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/29/24 15:20	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/29/24 15:20	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/29/24 15:20	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/29/24 15:20	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/29/24 15:20	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/29/24 15:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/29/24 15:20	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/29/24 15:20	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/29/24 15:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/29/24 15:20	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/29/24 15:20	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/29/24 15:20	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/29/24 15:20	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/29/24 15:20	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/29/24 15:20	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/29/24 15:20	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/29/24 15:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/29/24 15:20	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/29/24 15:20	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/29/24 15:20	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/29/24 15:20	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/29/24 15:20	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/29/24 15:20	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/29/24 15:20	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/29/24 15:20	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/29/24 15:20	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/29/24 15:20	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/29/24 15:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/29/24 15:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/29/24 15:20	108-67-8	
Vinyl chloride	**3.4**	ug/L	1.0	0.17	1		01/29/24 15:20	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/29/24 15:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/29/24 15:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		01/29/24 15:20	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		01/29/24 15:20	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		01/25/24 14:40		2q

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2301 **Lab ID: 40273470014** Collected: 01/22/24 11:45 Received: 01/24/24 09:10 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	**25.4**	mg/L	10.0	3.0	5		01/25/24 17:13	16887-00-6	
Sulfate	**46.1**	mg/L	10.0	2.2	5		01/25/24 17:13	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**318**	mg/L	50.0	14.9	2		01/25/24 13:20		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**58.4**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**26.2**	mg/L	1.0	0.38	2		01/29/24 12:09	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2301D **Lab ID: 40273470015** Collected: 01/22/24 11:45 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**26.9**	ug/L	5.6	0.39	1		01/29/24 12:38	74-84-0	
Ethene	**87.6**	ug/L	5.0	0.25	1		01/29/24 12:38	74-85-1	
Methane	**12400**	ug/L	140	28.8	50		01/29/24 15:28	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7.6**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:20	7439-89-6	
Manganese	**0.082**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:20	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.095**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 14:55	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 14:55	7440-47-3	
Iron, Dissolved	**2.6**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 14:55	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 14:55	7439-92-1	
Manganese, Dissolved	**0.078**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 14:55	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 14:55	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:32	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:32	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:32	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:32	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 17:32	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 17:32	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:32	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:32	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 17:32	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 17:32	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:32	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 17:32	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 17:32	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 17:32	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:32	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:32	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 17:32	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 17:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 17:32	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 17:32	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:32	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:32	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 17:32	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 17:32	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:32	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2301D **Lab ID: 40273470015** Collected: 01/22/24 11:45 Received: 01/24/24 09:10 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		01/25/24 17:32	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 17:32	75-35-4	
cis-1,2-Dichloroethene	**0.54J**	ug/L	1.0	0.47	1		01/25/24 17:32	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 17:32	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:32	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:32	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:32	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:32	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 17:32	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 17:32	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:32	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:32	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 17:32	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:32	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:32	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 17:32	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:32	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 17:32	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:32	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 17:32	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:32	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:32	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 17:32	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:32	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 17:32	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 17:32	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:32	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 17:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:32	108-67-8	
Vinyl chloride	**3.4**	ug/L	1.0	0.17	1		01/25/24 17:32	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 17:32	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		01/25/24 17:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/25/24 17:32	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 17:32	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		01/25/24 14:42		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2301D **Lab ID: 40273470015** Collected: 01/22/24 11:45 Received: 01/24/24 09:10 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	**24.4**	mg/L	10.0	3.0	5		01/25/24 17:28	16887-00-6	
Sulfate	**50.3**	mg/L	10.0	2.2	5		01/25/24 17:28	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**319**	mg/L	25.0	7.4	1		01/25/24 13:24		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**45.4J**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**25.3**	mg/L	1.0	0.38	2		01/29/24 12:26	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2301 **Lab ID: 40273470016** Collected: 01/22/24 13:50 Received: 01/24/24 09:10 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		01/29/24 12:45	74-84-0	
Ethene	**5.2**	ug/L	5.0	0.25	1		01/29/24 12:45	74-85-1	
Methane	**4650**	ug/L	56.0	11.5	20		01/29/24 15:48	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.42**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:25	7439-89-6	
Manganese	**0.0046**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:25	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.049**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 15:00	7440-39-3	
Chromium, Dissolved	**0.0014J**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 15:00	7440-47-3	
Iron, Dissolved	**0.097J**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 15:00	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 15:00	7439-92-1	
Manganese, Dissolved	**<0.0012**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 15:00	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 15:00	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:46	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:46	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:46	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:46	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 14:46	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 14:46	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:46	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:46	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 14:46	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 14:46	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:46	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 14:46	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 14:46	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 14:46	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:46	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:46	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 14:46	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 14:46	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 14:46	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 14:46	74-95-3	
1,2-Dichlorobenzene	**0.75J**	ug/L	1.0	0.33	1		01/25/24 14:46	95-50-1	M1
1,3-Dichlorobenzene	**0.83J**	ug/L	1.0	0.35	1		01/25/24 14:46	541-73-1	M1
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 14:46	106-46-7	M1
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 14:46	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:46	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2301 **Lab ID: 40273470016** Collected: 01/22/24 13:50 Received: 01/24/24 09:10 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		01/25/24 14:46	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 14:46	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 14:46	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 14:46	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:46	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:46	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:46	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:46	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 14:46	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 14:46	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:46	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:46	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 14:46	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:46	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:46	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 14:46	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:46	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 14:46	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:46	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:46	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 14:46	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:46	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:46	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:46	87-61-6	
1,2,4-Trichlorobenzene	**1.3J**	ug/L	5.0	0.95	1		01/25/24 14:46	120-82-1	1q,M1
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:46	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 14:46	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 14:46	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:46	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 14:46	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:46	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:46	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 14:46	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 14:46	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		01/25/24 14:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/24 14:46	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 14:46	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		01/25/24 14:44		2q

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2301 **Lab ID: 40273470016** Collected: 01/22/24 13:50 Received: 01/24/24 09:10 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	**22.7**	mg/L	10.0	3.0	5		01/25/24 17:42	16887-00-6	
Sulfate	**47.6**	mg/L	10.0	2.2	5		01/25/24 17:42	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**91.5**	mg/L	25.0	7.4	1		01/25/24 13:25		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**4.0**	mg/L	0.50	0.19	1		01/29/24 12:44	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2301D **Lab ID: 40273470017** Collected: 01/22/24 13:50 Received: 01/24/24 09:10 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	**10.0**	ug/L	5.6	0.39	1		01/29/24 12:52	74-84-0	
Ethene	**6.6**	ug/L	5.0	0.25	1		01/29/24 12:52	74-85-1	
Methane	**4630**	ug/L	112	23.0	40		01/29/24 17:35	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1.2**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:30	7439-89-6	
Manganese	**0.0053**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:30	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.050**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 15:21	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 15:21	7440-47-3	
Iron, Dissolved	**0.48**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 15:21	7439-89-6	
Lead, Dissolved	**0.00087J**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 15:21	7439-92-1	
Manganese, Dissolved	**0.0050**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 15:21	7439-96-5	
Nickel, Dissolved	**0.00067J**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 15:21	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:28	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:28	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:28	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:28	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 15:28	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 15:28	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 15:28	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:28	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 15:28	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 15:28	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 15:28	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 15:28	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 15:28	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 15:28	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 15:28	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 15:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 15:28	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 15:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 15:28	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 15:28	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 15:28	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 15:28	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 15:28	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 15:28	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:28	75-34-3	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2301D **Lab ID: 40273470017** Collected: 01/22/24 13:50 Received: 01/24/24 09:10 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		01/25/24 15:28	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 15:28	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 15:28	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 15:28	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 15:28	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:28	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:28	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 15:28	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 15:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 15:28	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 15:28	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 15:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 15:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:28	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:28	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 15:28	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 15:28	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 15:28	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 15:28	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:28	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 15:28	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 15:28	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 15:28	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:28	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 15:28	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:28	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 15:28	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 15:28	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:28	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 15:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 15:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:28	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 15:28	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 15:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		01/25/24 15:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/24 15:28	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 15:28	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/25/24 14:45		

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2301D **Lab ID: 40273470017** Collected: 01/22/24 13:50 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**23.7**	mg/L	10.0	3.0	5		01/25/24 17:56	16887-00-6	
Sulfate	**46.9**	mg/L	10.0	2.2	5		01/25/24 17:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**98.2**	mg/L	25.0	7.4	1		01/25/24 13:26		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.5**	mg/L	0.50	0.19	1		01/29/24 13:00	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2303 **Lab ID: 40273470018** Collected: 01/22/24 15:30 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**19.9**	ug/L	5.6	0.39	1		01/29/24 12:59	74-84-0	
Ethene	**142**	ug/L	5.0	0.25	1		01/29/24 12:59	74-85-1	
Methane	**5330**	ug/L	56.0	11.5	20		01/29/24 16:02	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**9.5**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:35	7439-89-6	
Manganese	**0.45**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:35	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.22**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 15:26	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 15:26	7440-47-3	
Iron, Dissolved	**9.4**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 15:26	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 15:26	7439-92-1	
Manganese, Dissolved	**0.44**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 15:26	7439-96-5	
Nickel, Dissolved	**0.0014**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 15:26	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 20:17	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 20:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 20:17	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 20:17	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 20:17	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 20:17	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 20:17	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 20:17	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 20:17	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 20:17	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 20:17	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 20:17	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 20:17	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 20:17	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 20:17	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 20:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 20:17	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 20:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 20:17	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 20:17	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 20:17	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 20:17	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 20:17	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 20:17	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 20:17	75-34-3	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2303 **Lab ID: 40273470018** Collected: 01/22/24 15:30 Received: 01/24/24 09:10 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		01/25/24 20:17	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 20:17	75-35-4	
cis-1,2-Dichloroethene	**2.0**	ug/L	1.0	0.47	1		01/25/24 20:17	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 20:17	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 20:17	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 20:17	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 20:17	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 20:17	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 20:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 20:17	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 20:17	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 20:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 20:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 20:17	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 20:17	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 20:17	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 20:17	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 20:17	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 20:17	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 20:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 20:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 20:17	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 20:17	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 20:17	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 20:17	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 20:17	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 20:17	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 20:17	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 20:17	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 20:17	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 20:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 20:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 20:17	108-67-8	
Vinyl chloride	**67.5**	ug/L	1.0	0.17	1		01/25/24 20:17	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 20:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		01/25/24 20:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/25/24 20:17	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 20:17	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		01/25/24 14:46		

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2303 **Lab ID: 40273470018** Collected: 01/22/24 15:30 Received: 01/24/24 09:10 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	**110**	mg/L	10.0	3.0	5		01/25/24 18:11	16887-00-6	
Sulfate	**210**	mg/L	10.0	2.2	5		01/25/24 18:11	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**402**	mg/L	50.0	14.9	2		01/25/24 13:27		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.3**	mg/L	0.50	0.19	1		01/29/24 13:37	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2303 **Lab ID: 40273470019** Collected: 01/22/24 16:45 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**3.3J**	ug/L	5.6	0.39	1		01/29/24 13:06	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/29/24 13:06	74-85-1	
Methane	**2140**	ug/L	56.0	11.5	20		01/29/24 17:41	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**5.0**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:40	7439-89-6	
Manganese	**0.32**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:40	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	01/25/24 06:05	01/30/24 05:41	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 05:41	7440-47-3	
Iron, Dissolved	**5.2**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 05:41	7439-89-6	D9
Lead, Dissolved	**0.00033J**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 05:41	7439-92-1	
Manganese, Dissolved	**0.33**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 05:41	7439-96-5	D9
Nickel, Dissolved	**0.0018**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 05:41	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:48	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:48	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:48	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:48	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 15:48	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 15:48	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 15:48	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:48	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 15:48	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 15:48	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 15:48	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 15:48	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 15:48	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 15:48	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 15:48	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 15:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 15:48	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 15:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 15:48	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 15:48	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 15:48	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 15:48	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 15:48	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 15:48	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:48	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2303 **Lab ID: 40273470019** Collected: 01/22/24 16:45 Received: 01/24/24 09:10 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		01/25/24 15:48	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 15:48	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 15:48	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 15:48	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 15:48	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:48	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:48	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 15:48	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 15:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 15:48	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 15:48	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 15:48	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 15:48	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:48	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:48	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 15:48	75-09-2	
Methyl-tert-butyl ether	**2.7J**	ug/L	5.0	1.1	1		01/25/24 15:48	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 15:48	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 15:48	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 15:48	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 15:48	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 15:48	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:48	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 15:48	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:48	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 15:48	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 15:48	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:48	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 15:48	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 15:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:48	108-67-8	
Vinyl chloride	**0.46J**	ug/L	1.0	0.17	1		01/25/24 15:48	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 15:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-130		1		01/25/24 15:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/25/24 15:48	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 15:48	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		01/25/24 14:48		2q

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2303 **Lab ID: 40273470019** Collected: 01/22/24 16:45 Received: 01/24/24 09:10 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	5.9	10		01/25/24 18:25	16887-00-6	
Sulfate	**272**	mg/L	20.0	4.4	10		01/25/24 18:25	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**567**	mg/L	125	37.2	5		01/25/24 13:28		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.6**	mg/L	0.50	0.19	1		01/29/24 13:53	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2114 **Lab ID: 40273470020** Collected: 01/22/24 13:45 Received: 01/24/24 09:10 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	**17.4**	ug/L	5.6	0.39	1		01/29/24 13:13	74-84-0	
Ethene	**1.6J**	ug/L	5.0	0.25	1		01/29/24 13:13	74-85-1	
Methane	**9010**	ug/L	112	23.0	40		01/29/24 16:16	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.4**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 12:46	7439-89-6	
Manganese	**0.41**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:46	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.079**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 05:46	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 05:46	7440-47-3	
Iron, Dissolved	**2.5**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 05:46	7439-89-6	D9
Lead, Dissolved	**0.00030J**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 05:46	7439-92-1	
Manganese, Dissolved	**0.46**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 05:46	7439-96-5	D9
Nickel, Dissolved	**0.014**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 05:46	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:52	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:52	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:52	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:52	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 17:52	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 17:52	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:52	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:52	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 17:52	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 17:52	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 17:52	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 17:52	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 17:52	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 17:52	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:52	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 17:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 17:52	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 17:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 17:52	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 17:52	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:52	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:52	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 17:52	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 17:52	75-71-8	
1,1-Dichloroethane	**0.73J**	ug/L	1.0	0.30	1		01/25/24 17:52	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2114 **Lab ID: 40273470020** Collected: 01/22/24 13:45 Received: 01/24/24 09:10 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		01/25/24 17:52	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 17:52	75-35-4	
cis-1,2-Dichloroethene	**4.3**	ug/L	1.0	0.47	1		01/25/24 17:52	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 17:52	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:52	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:52	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:52	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:52	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 17:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 17:52	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:52	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 17:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 17:52	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:52	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:52	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 17:52	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 17:52	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 17:52	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 17:52	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 17:52	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 17:52	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 17:52	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 17:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 17:52	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 17:52	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 17:52	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 17:52	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 17:52	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 17:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 17:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 17:52	108-67-8	
Vinyl chloride	**4.9**	ug/L	1.0	0.17	1		01/25/24 17:52	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 17:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		01/25/24 17:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/25/24 17:52	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 17:52	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**1.8J**	mg/L	4.0	1.2	1		01/25/24 14:53		2q

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2114 **Lab ID: 40273470020** Collected: 01/22/24 13:45 Received: 01/24/24 09:10 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	**84.0**	mg/L	20.0	5.9	10		01/25/24 18:40	16887-00-6	
Sulfate	**436**	mg/L	20.0	4.4	10		01/25/24 18:40	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**585**	mg/L	50.0	14.9	2		01/25/24 13:29		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**147**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:29		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**46.6**	mg/L	30.0	11.4	60		01/29/24 14:09	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2114 **Lab ID: 40273470021** Collected: 01/22/24 14:50 Received: 01/24/24 09:10 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		01/29/24 13:20	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/29/24 13:20	74-85-1	
Methane	**7.2**	ug/L	2.8	0.58	1		01/29/24 13:20	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	01/25/24 06:05	01/30/24 12:51	7439-89-6	
Manganese	**0.013**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 12:51	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.15**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 05:51	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 05:51	7440-47-3	
Iron, Dissolved	**<0.058**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 05:51	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 05:51	7439-92-1	
Manganese, Dissolved	**0.0030J**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 05:51	7439-96-5	
Nickel, Dissolved	**0.0049**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 05:51	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:09	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:09	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:09	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:09	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 16:09	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 16:09	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:09	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:09	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 16:09	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 16:09	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:09	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 16:09	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 16:09	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 16:09	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:09	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 16:09	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 16:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 16:09	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 16:09	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:09	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:09	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 16:09	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 16:09	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:09	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2114 **Lab ID: 40273470021** Collected: 01/22/24 14:50 Received: 01/24/24 09:10 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		01/25/24 16:09	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 16:09	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 16:09	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 16:09	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:09	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:09	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:09	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:09	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 16:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 16:09	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:09	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 16:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:09	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:09	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 16:09	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:09	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 16:09	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:09	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 16:09	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:09	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:09	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:09	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 16:09	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:09	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 16:09	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 16:09	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:09	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 16:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:09	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 16:09	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 16:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		01/25/24 16:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/25/24 16:09	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 16:09	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/25/24 14:54		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2114 **Lab ID: 40273470021** Collected: 01/22/24 14:50 Received: 01/24/24 09:10 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	**132**	mg/L	20.0	5.9	10		01/25/24 19:37	16887-00-6	
Sulfate	**174**	mg/L	20.0	4.4	10		01/25/24 19:37	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**242**	mg/L	25.0	7.4	1		01/25/24 13:30		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**3.5**	mg/L	0.50	0.19	1		01/29/24 14:25	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2111 **Lab ID: 40273470022** Collected: 01/22/24 15:30 Received: 01/24/24 09:10 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	**94.2**	ug/L	5.6	0.39	1		01/29/24 13:27	74-84-0	
Ethene	**78.7**	ug/L	5.0	0.25	1		01/29/24 13:27	74-85-1	
Methane	**22900**	ug/L	280	57.6	100		01/29/24 16:23	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**72.8**	mg/L	5.0	1.2	20	01/25/24 06:05	01/31/24 14:09	7439-89-6	
Manganese	**0.83**	mg/L	0.081	0.024	20	01/25/24 06:05	01/31/24 14:09	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.078**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 05:57	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 05:57	7440-47-3	
Iron, Dissolved	**58.2**	mg/L	2.5	0.58	10	01/25/24 06:05	02/05/24 09:41	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 05:57	7439-92-1	
Manganese, Dissolved	**0.78**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 15:32	7439-96-5	
Nickel, Dissolved	**0.0054**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 05:57	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.62J**	ug/L	1.0	0.30	1		01/25/24 18:13	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:13	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:13	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:13	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 18:13	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 18:13	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 18:13	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:13	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 18:13	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 18:13	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 18:13	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 18:13	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 18:13	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 18:13	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 18:13	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 18:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 18:13	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 18:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 18:13	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 18:13	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 18:13	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 18:13	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 18:13	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 18:13	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:13	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2111 **Lab ID: 40273470022** Collected: 01/22/24 15:30 Received: 01/24/24 09:10 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		01/25/24 18:13	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 18:13	75-35-4	
cis-1,2-Dichloroethene	**5.9**	ug/L	1.0	0.47	1		01/25/24 18:13	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 18:13	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 18:13	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:13	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:13	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 18:13	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 18:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 18:13	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 18:13	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 18:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 18:13	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:13	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:13	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 18:13	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 18:13	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 18:13	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 18:13	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 18:13	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 18:13	127-18-4	
Toluene	**0.48J**	ug/L	1.0	0.29	1		01/25/24 18:13	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:13	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 18:13	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:13	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 18:13	79-00-5	
Trichloroethene	**0.82J**	ug/L	1.0	0.32	1		01/25/24 18:13	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:13	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 18:13	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 18:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:13	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 18:13	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 18:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		01/25/24 18:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		01/25/24 18:13	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 18:13	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		01/25/24 14:56		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2111 **Lab ID: 40273470022** Collected: 01/22/24 15:30 Received: 01/24/24 09:10 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	**18.2J**	mg/L	20.0	5.9	10		01/25/24 19:51	16887-00-6	D3
Sulfate	**1350**	mg/L	100	22.2	50		01/26/24 13:42	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**545**	mg/L	250	74.4	10		01/25/24 13:31		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**251**	mg/L	200	58.9	1	01/31/24 02:35	01/31/24 05:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**108**	mg/L	75.0	28.4	150		01/29/24 14:40	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2111 **Lab ID: 40273470023** Collected: 01/22/24 16:00 Received: 01/24/24 09:10 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		01/29/24 13:34	74-84-0	
Ethene	**20.7**	ug/L	5.0	0.25	1		01/29/24 13:34	74-85-1	
Methane	**12300**	ug/L	280	57.6	100		01/29/24 16:30	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**131**	mg/L	5.0	1.2	20	01/25/24 06:05	01/31/24 14:14	7439-89-6	
Manganese	**0.35**	mg/L	0.081	0.024	20	01/25/24 06:05	01/31/24 14:14	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**1.5**	mg/L	0.047	0.014	20	01/25/24 06:05	01/31/24 14:04	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 06:02	7440-47-3	
Iron, Dissolved	**130**	mg/L	5.0	1.2	20	01/25/24 06:05	01/31/24 14:04	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 06:02	7439-92-1	
Manganese, Dissolved	**0.37**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 06:02	7439-96-5	D9
Nickel, Dissolved	**0.00032J**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 06:02	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.43J**	ug/L	1.0	0.30	1		01/25/24 18:34	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:34	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:34	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 18:34	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 18:34	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 18:34	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:34	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 18:34	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 18:34	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 18:34	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 18:34	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 18:34	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 18:34	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 18:34	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 18:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 18:34	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 18:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 18:34	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 18:34	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 18:34	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 18:34	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 18:34	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 18:34	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:34	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2111 **Lab ID: 40273470023** Collected: 01/22/24 16:00 Received: 01/24/24 09:10 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		01/25/24 18:34	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 18:34	75-35-4	
cis-1,2-Dichloroethene	**4.2**	ug/L	1.0	0.47	1		01/25/24 18:34	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 18:34	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 18:34	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:34	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:34	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 18:34	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 18:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 18:34	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 18:34	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 18:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 18:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:34	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:34	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 18:34	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 18:34	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 18:34	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 18:34	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 18:34	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 18:34	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 18:34	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:34	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 18:34	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:34	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 18:34	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 18:34	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:34	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 18:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 18:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:34	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 18:34	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 18:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/25/24 18:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/25/24 18:34	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 18:34	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/25/24 14:59		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2111 **Lab ID: 40273470023** Collected: 01/22/24 16:00 Received: 01/24/24 09:10 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	**94.4**	mg/L	20.0	5.9	10		01/25/24 20:06	16887-00-6	
Sulfate	**<4.4**	mg/L	20.0	4.4	10		01/25/24 20:06	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**2200**	mg/L	250	74.4	10		01/25/24 13:32		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**4410**	mg/L	1000	295	1	01/31/24 02:35	01/31/24 05:30		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1390**	mg/L	150	56.8	300		01/29/24 14:56	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-118 **Lab ID: 40273470024** Collected: 01/23/24 08:35 Received: 01/24/24 09:10 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		01/25/24 16:30	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:30	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:30	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:30	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 16:30	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 16:30	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:30	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:30	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 16:30	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 16:30	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:30	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 16:30	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 16:30	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 16:30	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:30	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 16:30	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 16:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 16:30	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 16:30	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:30	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:30	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 16:30	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 16:30	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:30	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:30	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 16:30	75-35-4	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	0.47	1		01/25/24 16:30	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 16:30	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:30	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:30	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:30	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:30	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 16:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 16:30	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:30	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 16:30	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:30	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:30	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 16:30	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:30	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 16:30	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:30	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:30	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-118 **Lab ID: 40273470024** Collected: 01/23/24 08:35 Received: 01/24/24 09:10 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		01/25/24 16:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 16:30	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:30	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:30	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:30	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 16:30	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:30	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 16:30	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 16:30	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:30	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 16:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:30	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 16:30	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 16:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		01/25/24 16:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/24 16:30	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 16:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-114 **Lab ID: 40273470025** Collected: 01/23/24 09:20 Received: 01/24/24 09:10 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		01/25/24 18:55	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:55	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:55	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:55	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 18:55	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 18:55	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 18:55	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:55	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 18:55	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 18:55	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 18:55	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 18:55	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 18:55	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 18:55	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 18:55	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 18:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 18:55	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 18:55	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 18:55	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 18:55	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 18:55	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 18:55	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 18:55	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 18:55	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:55	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 18:55	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 18:55	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 18:55	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 18:55	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 18:55	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:55	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:55	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 18:55	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 18:55	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 18:55	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 18:55	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 18:55	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 18:55	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:55	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:55	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 18:55	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 18:55	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 18:55	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 18:55	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:55	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-114 **Lab ID: 40273470025** Collected: 01/23/24 09:20 Received: 01/24/24 09:10 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		01/25/24 18:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 18:55	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 18:55	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 18:55	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 18:55	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 18:55	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 18:55	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 18:55	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 18:55	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 18:55	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 18:55	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 18:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 18:55	108-67-8	
Vinyl chloride	**0.22J**	ug/L	1.0	0.17	1		01/25/24 18:55	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 18:55	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/25/24 18:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/25/24 18:55	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 18:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2112 **Lab ID: 40273470026** Collected: 01/23/24 11:20 Received: 01/24/24 09:10 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		01/30/24 10:56	74-84-0	
Ethene	**11.3**	ug/L	5.0	0.25	1		01/30/24 10:56	74-85-1	
Methane	**2080**	ug/L	28.0	5.8	10		01/30/24 13:48	74-82-8	M1
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.8**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 13:17	7439-89-6	
Manganese	**0.99**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 13:17	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.15**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 06:07	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 06:07	7440-47-3	
Iron, Dissolved	**2.8**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 06:07	7439-89-6	
Lead, Dissolved	**0.00059J**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 06:07	7439-92-1	
Manganese, Dissolved	**1.1**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 15:37	7439-96-5	D9
Nickel, Dissolved	**0.0028**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 06:07	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:15	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 19:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 19:15	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 19:15	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 19:15	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 19:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 19:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 19:15	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 19:15	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 19:15	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 19:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 19:15	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 19:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 19:15	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 19:15	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 19:15	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 19:15	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 19:15	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 19:15	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:15	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2112 **Lab ID: 40273470026** Collected: 01/23/24 11:20 Received: 01/24/24 09:10 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		01/25/24 19:15	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 19:15	75-35-4	
cis-1,2-Dichloroethene	**2.4**	ug/L	1.0	0.47	1		01/25/24 19:15	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 19:15	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 19:15	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:15	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:15	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 19:15	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 19:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 19:15	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 19:15	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 19:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 19:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:15	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:15	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 19:15	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 19:15	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 19:15	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 19:15	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:15	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 19:15	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 19:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 19:15	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 19:15	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:15	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 19:15	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 19:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:15	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 19:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 19:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:15	108-67-8	
Vinyl chloride	**4.4**	ug/L	1.0	0.17	1		01/25/24 19:15	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 19:15	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		01/25/24 19:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/25/24 19:15	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 19:15	2037-26-5	
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		01/25/24 15:00		2q

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2112 **Lab ID: 40273470026** Collected: 01/23/24 11:20 Received: 01/24/24 09:10 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	**49.8**	mg/L	20.0	5.9	10		01/25/24 20:20	16887-00-6	
Sulfate	**298**	mg/L	20.0	4.4	10		01/25/24 20:20	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**436**	mg/L	25.0	7.4	1		01/25/24 13:33		
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	01/31/24 02:35	01/31/24 05:31		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**14.3**	mg/L	3.0	1.1	6		01/30/24 13:45	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2112 **Lab ID: 40273470027** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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		01/30/24 11:03	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/30/24 11:03	74-85-1	
Methane	**1930**	ug/L	56.0	11.5	20		01/30/24 14:38	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4.3**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 13:22	7439-89-6	
Manganese	**0.059**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 13:22	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	01/25/24 06:05	01/30/24 06:12	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 06:12	7440-47-3	
Iron, Dissolved	**6.3**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 06:12	7439-89-6	CR
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 06:12	7439-92-1	
Manganese, Dissolved	**0.058**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 06:12	7439-96-5	
Nickel, Dissolved	**0.0014**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 06:12	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:36	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:36	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:36	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:36	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 19:36	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 19:36	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 19:36	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:36	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 19:36	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 19:36	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 19:36	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 19:36	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 19:36	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 19:36	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 19:36	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 19:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 19:36	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 19:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 19:36	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 19:36	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 19:36	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 19:36	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 19:36	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 19:36	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:36	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2112 **Lab ID: 40273470027** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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		01/25/24 19:36	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 19:36	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 19:36	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 19:36	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 19:36	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:36	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:36	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 19:36	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 19:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 19:36	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 19:36	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 19:36	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 19:36	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:36	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:36	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 19:36	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 19:36	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 19:36	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 19:36	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 19:36	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 19:36	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 19:36	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:36	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 19:36	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 19:36	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 19:36	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:36	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 19:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 19:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:36	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 19:36	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 19:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		01/25/24 19:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/25/24 19:36	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 19:36	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		01/25/24 15:03		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2112 **Lab ID: 40273470027** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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	**203**	mg/L	40.0	11.8	20		01/25/24 20:34	16887-00-6	
Sulfate	**83.2**	mg/L	40.0	8.9	20		01/25/24 20:34	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**533**	mg/L	50.0	14.9	2		01/25/24 13:38		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:31		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2.7**	mg/L	0.50	0.19	1		01/30/24 14:34	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2107 **Lab ID: 40273470028** Collected: 01/23/24 13:05 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**15.8**	ug/L	5.6	0.39	1		01/30/24 11:10	74-84-0	
Ethene	**<0.25**	ug/L	5.0	0.25	1		01/30/24 11:10	74-85-1	
Methane	**8280**	ug/L	280	57.6	100		01/30/24 14:45	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**11.5**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 13:27	7439-89-6	
Manganese	**0.24**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 13:27	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.020**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 06:17	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 06:17	7440-47-3	
Iron, Dissolved	**11.9**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 06:17	7439-89-6	D9
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 06:17	7439-92-1	
Manganese, Dissolved	**0.24**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 06:17	7439-96-5	
Nickel, Dissolved	**0.0030**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 06:17	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.5**	ug/L	1.0	0.30	1		01/25/24 16:51	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:51	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:51	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 16:51	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 16:51	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:51	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:51	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 16:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 16:51	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:51	108-90-7	
Chloroethane	**13.7**	ug/L	5.0	1.4	1		01/25/24 16:51	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 16:51	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 16:51	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:51	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 16:51	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 16:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 16:51	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 16:51	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:51	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:51	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 16:51	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 16:51	75-71-8	
1,1-Dichloroethane	**0.35J**	ug/L	1.0	0.30	1		01/25/24 16:51	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2107 **Lab ID: 40273470028** Collected: 01/23/24 13:05 Received: 01/24/24 09:10 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		01/25/24 16:51	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 16:51	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 16:51	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 16:51	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:51	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:51	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:51	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:51	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 16:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 16:51	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:51	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 16:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:51	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:51	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 16:51	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:51	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 16:51	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:51	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 16:51	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:51	127-18-4	
Toluene	**0.56J**	ug/L	1.0	0.29	1		01/25/24 16:51	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 16:51	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 16:51	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 16:51	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:51	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 16:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:51	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 16:51	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 16:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		01/25/24 16:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/24 16:51	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 16:51	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**2.4J**	mg/L	4.0	1.2	1		01/25/24 15:04		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2107 **Lab ID: 40273470028** Collected: 01/23/24 13:05 Received: 01/24/24 09:10 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	**39.8**	mg/L	20.0	5.9	10		01/25/24 20:49	16887-00-6	
Sulfate	**206**	mg/L	20.0	4.4	10		01/25/24 20:49	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**768**	mg/L	50.0	14.9	2		01/25/24 13:39		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**80.0**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:31		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**17.6**	mg/L	5.0	1.9	10		01/30/24 15:59	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2107 **Lab ID: 40273470029** Collected: 01/23/24 13:50 Received: 01/24/24 09:10 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		02/02/24 11:43	74-84-0	
Ethene	**3.4J**	ug/L	5.0	0.25	1		02/02/24 11:43	74-85-1	
Methane	**14.6**	ug/L	2.8	0.58	1		02/02/24 11:43	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**0.48**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 13:32	7439-89-6	
Manganese	**0.032**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 13:32	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.046**	mg/L	0.0023	0.00070	1	01/25/24 06:05	01/30/24 06:22	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 06:22	7440-47-3	
Iron, Dissolved	**0.23J**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 06:22	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 06:22	7439-92-1	
Manganese, Dissolved	**0.020**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 06:22	7439-96-5	
Nickel, Dissolved	**0.0058**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 06:22	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1.5**	ug/L	5.0	1.5	5		01/29/24 17:36	71-43-2	
Bromobenzene	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	108-86-1	
Bromochloromethane	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	74-97-5	
Bromodichloromethane	**<2.1**	ug/L	5.0	2.1	5		01/29/24 17:36	75-27-4	
Bromoform	**<2.1**	ug/L	5.0	2.1	5		01/29/24 17:36	75-25-2	
Bromomethane	**<6.0**	ug/L	25.0	6.0	5		01/29/24 17:36	74-83-9	
n-Butylbenzene	**<4.3**	ug/L	5.0	4.3	5		01/29/24 17:36	104-51-8	
sec-Butylbenzene	**<2.1**	ug/L	5.0	2.1	5		01/29/24 17:36	135-98-8	
tert-Butylbenzene	**<2.9**	ug/L	5.0	2.9	5		01/29/24 17:36	98-06-6	
Carbon tetrachloride	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	56-23-5	
Chlorobenzene	**<4.3**	ug/L	5.0	4.3	5		01/29/24 17:36	108-90-7	
Chloroethane	**<6.9**	ug/L	25.0	6.9	5		01/29/24 17:36	75-00-3	
Chloroform	**<2.5**	ug/L	25.0	2.5	5		01/29/24 17:36	67-66-3	
Chloromethane	**<8.2**	ug/L	25.0	8.2	5		01/29/24 17:36	74-87-3	
2-Chlorotoluene	**<4.4**	ug/L	25.0	4.4	5		01/29/24 17:36	95-49-8	
4-Chlorotoluene	**<4.5**	ug/L	25.0	4.5	5		01/29/24 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<11.8**	ug/L	25.0	11.8	5		01/29/24 17:36	96-12-8	
Dibromochloromethane	**<13.2**	ug/L	25.0	13.2	5		01/29/24 17:36	124-48-1	
1,2-Dibromoethane (EDB)	**<1.5**	ug/L	5.0	1.5	5		01/29/24 17:36	106-93-4	
Dibromomethane	**<5.0**	ug/L	25.0	5.0	5		01/29/24 17:36	74-95-3	
1,2-Dichlorobenzene	**<1.6**	ug/L	5.0	1.6	5		01/29/24 17:36	95-50-1	
1,3-Dichlorobenzene	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	541-73-1	
1,4-Dichlorobenzene	**<4.5**	ug/L	5.0	4.5	5		01/29/24 17:36	106-46-7	
Dichlorodifluoromethane	**<2.3**	ug/L	25.0	2.3	5		01/29/24 17:36	75-71-8	
1,1-Dichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/29/24 17:36	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2107 **Lab ID: 40273470029** Collected: 01/23/24 13:50 Received: 01/24/24 09:10 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		01/29/24 17:36	107-06-2	
1,1-Dichloroethene	**<2.9**	ug/L	5.0	2.9	5		01/29/24 17:36	75-35-4	
cis-1,2-Dichloroethene	**361**	ug/L	5.0	2.4	5		01/29/24 17:36	156-59-2	
trans-1,2-Dichloroethene	**4.3J**	ug/L	5.0	2.6	5		01/29/24 17:36	156-60-5	
1,2-Dichloropropane	**<2.2**	ug/L	5.0	2.2	5		01/29/24 17:36	78-87-5	
1,3-Dichloropropane	**<1.5**	ug/L	5.0	1.5	5		01/29/24 17:36	142-28-9	
2,2-Dichloropropane	**<2.1**	ug/L	5.0	2.1	5		01/29/24 17:36	594-20-7	
1,1-Dichloropropene	**<2.1**	ug/L	5.0	2.1	5		01/29/24 17:36	563-58-6	
cis-1,3-Dichloropropene	**<1.2**	ug/L	5.0	1.2	5		01/29/24 17:36	10061-01-5	
trans-1,3-Dichloropropene	**<1.3**	ug/L	5.0	1.3	5		01/29/24 17:36	10061-02-6	
Diisopropyl ether	**<5.5**	ug/L	25.0	5.5	5		01/29/24 17:36	108-20-3	
Ethylbenzene	**<1.6**	ug/L	5.0	1.6	5		01/29/24 17:36	100-41-4	
Hexachloro-1,3-butadiene	**<13.7**	ug/L	25.0	13.7	5		01/29/24 17:36	87-68-3	
Isopropylbenzene (Cumene)	**<5.0**	ug/L	25.0	5.0	5		01/29/24 17:36	98-82-8	
p-Isopropyltoluene	**<5.2**	ug/L	25.0	5.2	5		01/29/24 17:36	99-87-6	
Methylene Chloride	**<1.6**	ug/L	25.0	1.6	5		01/29/24 17:36	75-09-2	
Methyl-tert-butyl ether	**<5.6**	ug/L	25.0	5.6	5		01/29/24 17:36	1634-04-4	
Naphthalene	**<9.6**	ug/L	25.0	9.6	5		01/29/24 17:36	91-20-3	
n-Propylbenzene	**<1.7**	ug/L	5.0	1.7	5		01/29/24 17:36	103-65-1	
Styrene	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.9**	ug/L	5.0	1.9	5		01/29/24 17:36	79-34-5	
Tetrachloroethene	**<2.0**	ug/L	5.0	2.0	5		01/29/24 17:36	127-18-4	
Toluene	**<1.4**	ug/L	5.0	1.4	5		01/29/24 17:36	108-88-3	
1,2,3-Trichlorobenzene	**<5.1**	ug/L	25.0	5.1	5		01/29/24 17:36	87-61-6	
1,2,4-Trichlorobenzene	**<4.8**	ug/L	25.0	4.8	5		01/29/24 17:36	120-82-1	
1,1,1-Trichloroethane	**<1.5**	ug/L	5.0	1.5	5		01/29/24 17:36	71-55-6	
1,1,2-Trichloroethane	**<1.7**	ug/L	5.0	1.7	5		01/29/24 17:36	79-00-5	
Trichloroethene	**<1.6**	ug/L	5.0	1.6	5		01/29/24 17:36	79-01-6	
Trichlorofluoromethane	**<2.1**	ug/L	5.0	2.1	5		01/29/24 17:36	75-69-4	
1,2,3-Trichloropropane	**<2.8**	ug/L	5.0	2.8	5		01/29/24 17:36	96-18-4	
1,2,4-Trimethylbenzene	**<2.2**	ug/L	5.0	2.2	5		01/29/24 17:36	95-63-6	
1,3,5-Trimethylbenzene	**<1.8**	ug/L	5.0	1.8	5		01/29/24 17:36	108-67-8	
Vinyl chloride	**56.1**	ug/L	5.0	0.87	5		01/29/24 17:36	75-01-4	
Xylene (Total)	**<5.2**	ug/L	15.0	5.2	5		01/29/24 17:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		5		01/29/24 17:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		5		01/29/24 17:36	2199-69-1	
Toluene-d8 (S)	106	%	70-130		5		01/29/24 17:36	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		01/25/24 15:06		2q

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2107 **Lab ID: 40273470029** Collected: 01/23/24 13:50 Received: 01/24/24 09:10 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	**411**	mg/L	20.0	5.9	10		01/25/24 21:03	16887-00-6	
Sulfate	**214**	mg/L	20.0	4.4	10		01/25/24 21:03	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**327**	mg/L	25.0	7.4	1		01/25/24 13:40		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:31		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**4.8**	mg/L	1.0	0.38	2		01/30/24 16:15	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-65R **Lab ID: 40273470030** Collected: 01/23/24 09:30 Received: 01/24/24 09:10 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	**1.6J**	ug/L	5.6	0.39	1		01/30/24 11:24	74-84-0	
Ethene	**41.8**	ug/L	5.0	0.25	1		01/30/24 11:24	74-85-1	
Methane	**424**	ug/L	14.0	2.9	5		01/30/24 14:52	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**12.8**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 13:37	7439-89-6	
Manganese	**0.41**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 13:37	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	01/25/24 06:05	01/30/24 06:28	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/25/24 06:05	01/30/24 06:28	7440-47-3	
Iron, Dissolved	**10.4**	mg/L	0.25	0.058	1	01/25/24 06:05	01/30/24 06:28	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/25/24 06:05	01/30/24 06:28	7439-92-1	
Manganese, Dissolved	**0.40**	mg/L	0.0040	0.0012	1	01/25/24 06:05	01/30/24 06:28	7439-96-5	
Nickel, Dissolved	**0.0067**	mg/L	0.0010	0.00028	1	01/25/24 06:05	01/30/24 06:28	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	71-43-2	
Bromobenzene	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	108-86-1	
Bromochloromethane	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	74-97-5	
Bromodichloromethane	**<1.7**	ug/L	4.0	1.7	4		01/29/24 17:56	75-27-4	
Bromoform	**<1.7**	ug/L	4.0	1.7	4		01/29/24 17:56	75-25-2	
Bromomethane	**<4.8**	ug/L	20.0	4.8	4		01/29/24 17:56	74-83-9	
n-Butylbenzene	**<3.4**	ug/L	4.0	3.4	4		01/29/24 17:56	104-51-8	
sec-Butylbenzene	**<1.7**	ug/L	4.0	1.7	4		01/29/24 17:56	135-98-8	
tert-Butylbenzene	**<2.3**	ug/L	4.0	2.3	4		01/29/24 17:56	98-06-6	
Carbon tetrachloride	**<1.5**	ug/L	4.0	1.5	4		01/29/24 17:56	56-23-5	
Chlorobenzene	**<3.4**	ug/L	4.0	3.4	4		01/29/24 17:56	108-90-7	
Chloroethane	**<5.5**	ug/L	20.0	5.5	4		01/29/24 17:56	75-00-3	
Chloroform	**<2.0**	ug/L	20.0	2.0	4		01/29/24 17:56	67-66-3	
Chloromethane	**<6.5**	ug/L	20.0	6.5	4		01/29/24 17:56	74-87-3	
2-Chlorotoluene	**<3.6**	ug/L	20.0	3.6	4		01/29/24 17:56	95-49-8	
4-Chlorotoluene	**<3.6**	ug/L	20.0	3.6	4		01/29/24 17:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<9.5**	ug/L	20.0	9.5	4		01/29/24 17:56	96-12-8	
Dibromochloromethane	**<10.6**	ug/L	20.0	10.6	4		01/29/24 17:56	124-48-1	
1,2-Dibromoethane (EDB)	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	106-93-4	
Dibromomethane	**<4.0**	ug/L	20.0	4.0	4		01/29/24 17:56	74-95-3	
1,2-Dichlorobenzene	**<1.3**	ug/L	4.0	1.3	4		01/29/24 17:56	95-50-1	
1,3-Dichlorobenzene	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	541-73-1	
1,4-Dichlorobenzene	**<3.6**	ug/L	4.0	3.6	4		01/29/24 17:56	106-46-7	
Dichlorodifluoromethane	**<1.8**	ug/L	20.0	1.8	4		01/29/24 17:56	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-65R **Lab ID: 40273470030** Collected: 01/23/24 09:30 Received: 01/24/24 09:10 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	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	107-06-2	
1,1-Dichloroethene	**<2.3**	ug/L	4.0	2.3	4		01/29/24 17:56	75-35-4	
cis-1,2-Dichloroethene	**56.2**	ug/L	4.0	1.9	4		01/29/24 17:56	156-59-2	
trans-1,2-Dichloroethene	**<2.1**	ug/L	4.0	2.1	4		01/29/24 17:56	156-60-5	
1,2-Dichloropropane	**<1.8**	ug/L	4.0	1.8	4		01/29/24 17:56	78-87-5	
1,3-Dichloropropane	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	142-28-9	
2,2-Dichloropropane	**<1.7**	ug/L	4.0	1.7	4		01/29/24 17:56	594-20-7	
1,1-Dichloropropene	**<1.6**	ug/L	4.0	1.6	4		01/29/24 17:56	563-58-6	
cis-1,3-Dichloropropene	**<0.95**	ug/L	4.0	0.95	4		01/29/24 17:56	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	4.0	1.1	4		01/29/24 17:56	10061-02-6	
Diisopropyl ether	**<4.4**	ug/L	20.0	4.4	4		01/29/24 17:56	108-20-3	
Ethylbenzene	**<1.3**	ug/L	4.0	1.3	4		01/29/24 17:56	100-41-4	
Hexachloro-1,3-butadiene	**<10.9**	ug/L	20.0	10.9	4		01/29/24 17:56	87-68-3	
Isopropylbenzene (Cumene)	**<4.0**	ug/L	20.0	4.0	4		01/29/24 17:56	98-82-8	
p-Isopropyltoluene	**<4.2**	ug/L	20.0	4.2	4		01/29/24 17:56	99-87-6	
Methylene Chloride	**<1.3**	ug/L	20.0	1.3	4		01/29/24 17:56	75-09-2	
Methyl-tert-butyl ether	**<4.5**	ug/L	20.0	4.5	4		01/29/24 17:56	1634-04-4	
Naphthalene	**<7.7**	ug/L	20.0	7.7	4		01/29/24 17:56	91-20-3	
n-Propylbenzene	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	103-65-1	
Styrene	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.5**	ug/L	4.0	1.5	4		01/29/24 17:56	79-34-5	
Tetrachloroethene	**<1.6**	ug/L	4.0	1.6	4		01/29/24 17:56	127-18-4	
Toluene	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	108-88-3	
1,2,3-Trichlorobenzene	**<4.1**	ug/L	20.0	4.1	4		01/29/24 17:56	87-61-6	
1,2,4-Trichlorobenzene	**<3.8**	ug/L	20.0	3.8	4		01/29/24 17:56	120-82-1	
1,1,1-Trichloroethane	**<1.2**	ug/L	4.0	1.2	4		01/29/24 17:56	71-55-6	
1,1,2-Trichloroethane	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	79-00-5	
Trichloroethene	**<1.3**	ug/L	4.0	1.3	4		01/29/24 17:56	79-01-6	
Trichlorofluoromethane	**<1.7**	ug/L	4.0	1.7	4		01/29/24 17:56	75-69-4	
1,2,3-Trichloropropane	**<2.2**	ug/L	4.0	2.2	4		01/29/24 17:56	96-18-4	
1,2,4-Trimethylbenzene	**<1.8**	ug/L	4.0	1.8	4		01/29/24 17:56	95-63-6	
1,3,5-Trimethylbenzene	**<1.4**	ug/L	4.0	1.4	4		01/29/24 17:56	108-67-8	
Vinyl chloride	**298**	ug/L	4.0	0.70	4		01/29/24 17:56	75-01-4	
Xylene (Total)	**<4.2**	ug/L	12.0	4.2	4		01/29/24 17:56	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		4		01/29/24 17:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		4		01/29/24 17:56	2199-69-1	
Toluene-d8 (S)	103	%	70-130		4		01/29/24 17:56	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		01/25/24 15:07		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-65R **Lab ID: 40273470030** Collected: 01/23/24 09:30 Received: 01/24/24 09:10 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	**287**	mg/L	40.0	11.8	20		01/25/24 21:18	16887-00-6	
Sulfate	**298**	mg/L	40.0	8.9	20		01/25/24 21:18	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**460**	mg/L	50.0	14.9	2		01/25/24 13:41		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**<14.7**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:31		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1.8**	mg/L	0.50	0.19	1		01/30/24 16:34	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2101 **Lab ID: 40273470031** Collected: 01/23/24 11:20 Received: 01/24/24 09:10 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	**153**	ug/L	5.6	0.39	1		01/30/24 11:31	74-84-0	
Ethene	**333**	ug/L	5.0	0.25	1		01/30/24 11:31	74-85-1	
Methane	**9850**	ug/L	280	57.6	100		01/30/24 14:59	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**15.7**	mg/L	0.25	0.058	1	01/26/24 05:39	01/30/24 16:24	7439-89-6	
Manganese	**0.013**	mg/L	0.0040	0.0012	1	01/26/24 05:39	01/30/24 16:24	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	01/26/24 05:49	01/30/24 20:38	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/26/24 05:49	01/30/24 20:38	7440-47-3	
Iron, Dissolved	**13.9**	mg/L	0.25	0.058	1	01/26/24 05:49	01/30/24 20:38	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/26/24 05:49	01/30/24 20:38	7439-92-1	
Manganese, Dissolved	**0.011**	mg/L	0.0040	0.0012	1	01/26/24 05:49	01/30/24 20:38	7439-96-5	
Nickel, Dissolved	**0.00095J**	mg/L	0.0010	0.00028	1	01/26/24 05:49	01/30/24 20:38	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.0**	ug/L	1.0	0.30	1		01/25/24 19:57	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:57	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:57	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:57	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 19:57	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 19:57	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 19:57	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:57	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 19:57	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 19:57	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 19:57	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 19:57	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 19:57	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 19:57	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 19:57	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 19:57	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 19:57	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 19:57	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 19:57	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 19:57	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 19:57	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 19:57	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 19:57	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 19:57	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:57	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2101 **Lab ID: 40273470031** Collected: 01/23/24 11:20 Received: 01/24/24 09:10 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		01/25/24 19:57	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 19:57	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/25/24 19:57	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 19:57	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 19:57	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:57	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:57	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 19:57	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 19:57	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 19:57	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 19:57	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 19:57	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 19:57	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:57	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:57	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 19:57	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 19:57	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 19:57	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 19:57	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:57	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 19:57	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 19:57	127-18-4	
Toluene	**0.80J**	ug/L	1.0	0.29	1		01/25/24 19:57	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 19:57	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 19:57	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 19:57	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 19:57	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 19:57	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 19:57	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 19:57	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 19:57	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 19:57	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/25/24 19:57	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 19:57	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		01/25/24 19:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		01/25/24 19:57	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 19:57	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/29/24 12:28		2q

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2101 **Lab ID: 40273470031** Collected: 01/23/24 11:20 Received: 01/24/24 09:10 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	**81.6**	mg/L	20.0	5.9	10		01/25/24 17:10	16887-00-6	
Sulfate	**6.9J**	mg/L	20.0	4.4	10		01/25/24 17:10	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**401**	mg/L	125	37.2	5		01/25/24 13:46		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**364**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:32		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**129**	mg/L	5.0	1.9	10		01/30/24 16:52	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2103 **Lab ID: 40273470032** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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		01/30/24 14:31	74-84-0	
Ethene	**2.1J**	ug/L	5.0	0.25	1		01/30/24 14:31	74-85-1	
Methane	**53.4**	ug/L	2.8	0.58	1		01/30/24 14:31	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4.7**	mg/L	1.2	0.29	5	01/26/24 05:39	01/30/24 16:44	7439-89-6	
Manganese	**0.085**	mg/L	0.020	0.0061	5	01/26/24 05:39	01/30/24 16:44	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.023**	mg/L	0.012	0.0035	5	01/26/24 05:49	01/30/24 20:48	7440-39-3	
Chromium, Dissolved	**<0.0051**	mg/L	0.017	0.0051	5	01/26/24 05:49	01/30/24 20:48	7440-47-3	D3
Iron, Dissolved	**2.8**	mg/L	1.2	0.29	5	01/26/24 05:49	01/30/24 20:48	7439-89-6	
Lead, Dissolved	**0.0022J**	mg/L	0.0050	0.0012	5	01/26/24 05:49	01/30/24 20:48	7439-92-1	D3
Manganese, Dissolved	**0.083**	mg/L	0.020	0.0061	5	01/26/24 05:49	01/30/24 20:48	7439-96-5	
Nickel, Dissolved	**0.0085**	mg/L	0.0050	0.0014	5	01/26/24 05:49	01/30/24 20:48	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.59**	ug/L	2.0	0.59	2		01/25/24 21:19	71-43-2	
Bromobenzene	**<0.72**	ug/L	2.0	0.72	2		01/25/24 21:19	108-86-1	
Bromochloromethane	**<0.72**	ug/L	2.0	0.72	2		01/25/24 21:19	74-97-5	
Bromodichloromethane	**<0.83**	ug/L	2.0	0.83	2		01/25/24 21:19	75-27-4	
Bromoform	**<0.86**	ug/L	2.0	0.86	2		01/25/24 21:19	75-25-2	
Bromomethane	**<2.4**	ug/L	10.0	2.4	2		01/25/24 21:19	74-83-9	
n-Butylbenzene	**<1.7**	ug/L	2.0	1.7	2		01/25/24 21:19	104-51-8	
sec-Butylbenzene	**<0.85**	ug/L	2.0	0.85	2		01/25/24 21:19	135-98-8	
tert-Butylbenzene	**<1.2**	ug/L	2.0	1.2	2		01/25/24 21:19	98-06-6	
Carbon tetrachloride	**<0.74**	ug/L	2.0	0.74	2		01/25/24 21:19	56-23-5	
Chlorobenzene	**<1.7**	ug/L	2.0	1.7	2		01/25/24 21:19	108-90-7	
Chloroethane	**<2.8**	ug/L	10.0	2.8	2		01/25/24 21:19	75-00-3	
Chloroform	**<1.0**	ug/L	10.0	1.0	2		01/25/24 21:19	67-66-3	
Chloromethane	**<3.3**	ug/L	10.0	3.3	2		01/25/24 21:19	74-87-3	
2-Chlorotoluene	**<1.8**	ug/L	10.0	1.8	2		01/25/24 21:19	95-49-8	
4-Chlorotoluene	**<1.8**	ug/L	10.0	1.8	2		01/25/24 21:19	106-43-4	
1,2-Dibromo-3-chloropropane	**<4.7**	ug/L	10.0	4.7	2		01/25/24 21:19	96-12-8	
Dibromochloromethane	**<5.3**	ug/L	10.0	5.3	2		01/25/24 21:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.62**	ug/L	2.0	0.62	2		01/25/24 21:19	106-93-4	
Dibromomethane	**<2.0**	ug/L	10.0	2.0	2		01/25/24 21:19	74-95-3	
1,2-Dichlorobenzene	**<0.65**	ug/L	2.0	0.65	2		01/25/24 21:19	95-50-1	
1,3-Dichlorobenzene	**<0.70**	ug/L	2.0	0.70	2		01/25/24 21:19	541-73-1	
1,4-Dichlorobenzene	**<1.8**	ug/L	2.0	1.8	2		01/25/24 21:19	106-46-7	
Dichlorodifluoromethane	**<0.91**	ug/L	10.0	0.91	2		01/25/24 21:19	75-71-8	
1,1-Dichloroethane	**<0.59**	ug/L	2.0	0.59	2		01/25/24 21:19	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2103 **Lab ID: 40273470032** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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		01/25/24 21:19	107-06-2	
1,1-Dichloroethene	**<1.2**	ug/L	2.0	1.2	2		01/25/24 21:19	75-35-4	
cis-1,2-Dichloroethene	**179**	ug/L	2.0	0.94	2		01/25/24 21:19	156-59-2	
trans-1,2-Dichloroethene	**3.6**	ug/L	2.0	1.1	2		01/25/24 21:19	156-60-5	
1,2-Dichloropropane	**<0.90**	ug/L	2.0	0.90	2		01/25/24 21:19	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	2.0	0.61	2		01/25/24 21:19	142-28-9	
2,2-Dichloropropane	**<0.84**	ug/L	2.0	0.84	2		01/25/24 21:19	594-20-7	
1,1-Dichloropropene	**<0.82**	ug/L	2.0	0.82	2		01/25/24 21:19	563-58-6	
cis-1,3-Dichloropropene	**<0.47**	ug/L	2.0	0.47	2		01/25/24 21:19	10061-01-5	
trans-1,3-Dichloropropene	**<0.53**	ug/L	2.0	0.53	2		01/25/24 21:19	10061-02-6	
Diisopropyl ether	**<2.2**	ug/L	10.0	2.2	2		01/25/24 21:19	108-20-3	
Ethylbenzene	**<0.65**	ug/L	2.0	0.65	2		01/25/24 21:19	100-41-4	
Hexachloro-1,3-butadiene	**<5.5**	ug/L	10.0	5.5	2		01/25/24 21:19	87-68-3	
Isopropylbenzene (Cumene)	**<2.0**	ug/L	10.0	2.0	2		01/25/24 21:19	98-82-8	
p-Isopropyltoluene	**<2.1**	ug/L	10.0	2.1	2		01/25/24 21:19	99-87-6	
Methylene Chloride	**<0.64**	ug/L	10.0	0.64	2		01/25/24 21:19	75-09-2	
Methyl-tert-butyl ether	**<2.3**	ug/L	10.0	2.3	2		01/25/24 21:19	1634-04-4	
Naphthalene	**<3.8**	ug/L	10.0	3.8	2		01/25/24 21:19	91-20-3	
n-Propylbenzene	**<0.69**	ug/L	2.0	0.69	2		01/25/24 21:19	103-65-1	
Styrene	**<0.71**	ug/L	2.0	0.71	2		01/25/24 21:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.71**	ug/L	2.0	0.71	2		01/25/24 21:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.76**	ug/L	2.0	0.76	2		01/25/24 21:19	79-34-5	
Tetrachloroethene	**<0.82**	ug/L	2.0	0.82	2		01/25/24 21:19	127-18-4	
Toluene	**<0.58**	ug/L	2.0	0.58	2		01/25/24 21:19	108-88-3	
1,2,3-Trichlorobenzene	**<2.0**	ug/L	10.0	2.0	2		01/25/24 21:19	87-61-6	
1,2,4-Trichlorobenzene	**<1.9**	ug/L	10.0	1.9	2		01/25/24 21:19	120-82-1	
1,1,1-Trichloroethane	**<0.61**	ug/L	2.0	0.61	2		01/25/24 21:19	71-55-6	
1,1,2-Trichloroethane	**<0.69**	ug/L	2.0	0.69	2		01/25/24 21:19	79-00-5	
Trichloroethene	**68.7**	ug/L	2.0	0.64	2		01/25/24 21:19	79-01-6	
Trichlorofluoromethane	**<0.84**	ug/L	2.0	0.84	2		01/25/24 21:19	75-69-4	
1,2,3-Trichloropropane	**<1.1**	ug/L	2.0	1.1	2		01/25/24 21:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.90**	ug/L	2.0	0.90	2		01/25/24 21:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.71**	ug/L	2.0	0.71	2		01/25/24 21:19	108-67-8	
Vinyl chloride	**18.6**	ug/L	2.0	0.35	2		01/25/24 21:19	75-01-4	
Xylene (Total)	**<2.1**	ug/L	6.0	2.1	2		01/25/24 21:19	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		2		01/25/24 21:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		2		01/25/24 21:19	2199-69-1	
Toluene-d8 (S)	103	%	70-130		2		01/25/24 21:19	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		01/29/24 13:13		

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2103 **Lab ID: 40273470032** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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	**157**	mg/L	20.0	5.9	10		01/25/24 17:54	16887-00-6	
Sulfate	**3370**	mg/L	200	44.4	100		01/26/24 16:05	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**596**	mg/L	50.0	14.9	2		01/25/24 13:52		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**99.5**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:32		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**30.3**	mg/L	5.0	1.9	10		01/30/24 17:10	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2103 **Lab ID: 40273470033** Collected: 01/23/24 13:45 Received: 01/24/24 09:10 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	**367**	ug/L	5.6	0.39	1		01/30/24 11:45	74-84-0	pH
Ethene	**5670**	ug/L	250	12.6	50		01/30/24 15:06	74-85-1	pH
Methane	**87.2**	ug/L	2.8	0.58	1		01/30/24 11:45	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**78.0**	mg/L	25.0	5.8	100	01/26/24 05:39	01/31/24 14:50	7439-89-6	
Manganese	**1.2**	mg/L	0.40	0.12	100	01/26/24 05:39	01/31/24 14:50	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	01/26/24 05:49	01/30/24 20:07	7440-39-3	D3
Calcium, Dissolved	**463**	mg/L	12.7	3.8	50	01/26/24 05:49	02/01/24 11:54	7440-70-2	
Chromium, Dissolved	**<0.051**	mg/L	0.17	0.051	50	01/26/24 05:49	01/31/24 16:55	7440-47-3	
Iron, Dissolved	**80.7**	mg/L	12.5	2.9	50	01/26/24 05:49	01/31/24 16:55	7439-89-6	D9
Lead, Dissolved	**<0.0024**	mg/L	0.010	0.0024	10	01/26/24 05:49	01/30/24 20:07	7439-92-1	D3
Magnesium, Dissolved	**210**	mg/L	2.5	0.31	10	01/26/24 05:49	01/30/24 20:07	7439-95-4	
Manganese, Dissolved	**1.3**	mg/L	0.20	0.061	50	01/26/24 05:49	02/01/24 11:54	7439-96-5	D9
Nickel, Dissolved	**<0.014**	mg/L	0.050	0.014	50	01/26/24 05:49	01/31/24 16:55	7440-02-0	
Potassium, Dissolved	**12.1J**	mg/L	39.5	11.8	50	01/26/24 05:49	01/31/24 16:55	7440-09-7	
Sodium, Dissolved	**7420**	mg/L	250	42.0	1000	01/26/24 05:49	01/30/24 19:46	7440-23-5	P6
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1480**	ug/L	5000	1480	5000		01/25/24 16:48	71-43-2	
Bromobenzene	**<1800**	ug/L	5000	1800	5000		01/25/24 16:48	108-86-1	
Bromochloromethane	**<1790**	ug/L	5000	1790	5000		01/25/24 16:48	74-97-5	
Bromodichloromethane	**<2080**	ug/L	5000	2080	5000		01/25/24 16:48	75-27-4	
Bromoform	**<2140**	ug/L	5000	2140	5000		01/25/24 16:48	75-25-2	
Bromomethane	**<5960**	ug/L	25000	5960	5000		01/25/24 16:48	74-83-9	
n-Butylbenzene	**<4290**	ug/L	5000	4290	5000		01/25/24 16:48	104-51-8	
sec-Butylbenzene	**<2120**	ug/L	5000	2120	5000		01/25/24 16:48	135-98-8	
tert-Butylbenzene	**<2930**	ug/L	5000	2930	5000		01/25/24 16:48	98-06-6	
Carbon tetrachloride	**<1850**	ug/L	5000	1850	5000		01/25/24 16:48	56-23-5	
Chlorobenzene	**<4280**	ug/L	5000	4280	5000		01/25/24 16:48	108-90-7	
Chloroethane	**<6900**	ug/L	25000	6900	5000		01/25/24 16:48	75-00-3	
Chloroform	**<2520**	ug/L	25000	2520	5000		01/25/24 16:48	67-66-3	
Chloromethane	**<8180**	ug/L	25000	8180	5000		01/25/24 16:48	74-87-3	
2-Chlorotoluene	**<4450**	ug/L	25000	4450	5000		01/25/24 16:48	95-49-8	
4-Chlorotoluene	**<4470**	ug/L	25000	4470	5000		01/25/24 16:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<11800**	ug/L	25000	11800	5000		01/25/24 16:48	96-12-8	
Dibromochloromethane	**<13200**	ug/L	25000	13200	5000		01/25/24 16:48	124-48-1	
1,2-Dibromoethane (EDB)	**<1550**	ug/L	5000	1550	5000		01/25/24 16:48	106-93-4	
Dibromomethane	**<4950**	ug/L	25000	4950	5000		01/25/24 16:48	74-95-3	
1,2-Dichlorobenzene	**<1630**	ug/L	5000	1630	5000		01/25/24 16:48	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2103 **Lab ID: 40273470033** Collected: 01/23/24 13:45 Received: 01/24/24 09:10 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		01/25/24 16:48	541-73-1	
1,4-Dichlorobenzene	**<4460**	ug/L	5000	4460	5000		01/25/24 16:48	106-46-7	
Dichlorodifluoromethane	**<2280**	ug/L	25000	2280	5000		01/25/24 16:48	75-71-8	
1,1-Dichloroethane	**<1480**	ug/L	5000	1480	5000		01/25/24 16:48	75-34-3	
1,2-Dichloroethane	**<1460**	ug/L	5000	1460	5000		01/25/24 16:48	107-06-2	
1,1-Dichloroethene	**<2910**	ug/L	5000	2910	5000		01/25/24 16:48	75-35-4	
cis-1,2-Dichloroethene	**61200**	ug/L	5000	2360	5000		01/25/24 16:48	156-59-2	
trans-1,2-Dichloroethene	**<2640**	ug/L	5000	2640	5000		01/25/24 16:48	156-60-5	
1,2-Dichloropropane	**<2240**	ug/L	5000	2240	5000		01/25/24 16:48	78-87-5	
1,3-Dichloropropane	**<1520**	ug/L	5000	1520	5000		01/25/24 16:48	142-28-9	
2,2-Dichloropropane	**<2090**	ug/L	5000	2090	5000		01/25/24 16:48	594-20-7	
1,1-Dichloropropene	**<2050**	ug/L	5000	2050	5000		01/25/24 16:48	563-58-6	
cis-1,3-Dichloropropene	**<1190**	ug/L	5000	1190	5000		01/25/24 16:48	10061-01-5	
trans-1,3-Dichloropropene	**<1330**	ug/L	5000	1330	5000		01/25/24 16:48	10061-02-6	
Diisopropyl ether	**<5500**	ug/L	25000	5500	5000		01/25/24 16:48	108-20-3	
Ethylbenzene	**<1630**	ug/L	5000	1630	5000		01/25/24 16:48	100-41-4	
Hexachloro-1,3-butadiene	**<13700**	ug/L	25000	13700	5000		01/25/24 16:48	87-68-3	
Isopropylbenzene (Cumene)	**<5000**	ug/L	25000	5000	5000		01/25/24 16:48	98-82-8	
p-Isopropyltoluene	**<5220**	ug/L	25000	5220	5000		01/25/24 16:48	99-87-6	
Methylene Chloride	**<1600**	ug/L	25000	1600	5000		01/25/24 16:48	75-09-2	
Methyl-tert-butyl ether	**<5650**	ug/L	25000	5650	5000		01/25/24 16:48	1634-04-4	
Naphthalene	**<9590**	ug/L	25000	9590	5000		01/25/24 16:48	91-20-3	
n-Propylbenzene	**<1730**	ug/L	5000	1730	5000		01/25/24 16:48	103-65-1	
Styrene	**<1780**	ug/L	5000	1780	5000		01/25/24 16:48	100-42-5	
1,1,1,2-Tetrachloroethane	**<1780**	ug/L	5000	1780	5000		01/25/24 16:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<1890**	ug/L	5000	1890	5000		01/25/24 16:48	79-34-5	
Tetrachloroethene	**<2040**	ug/L	5000	2040	5000		01/25/24 16:48	127-18-4	
Toluene	**<1440**	ug/L	5000	1440	5000		01/25/24 16:48	108-88-3	
1,2,3-Trichlorobenzene	**<5090**	ug/L	25000	5090	5000		01/25/24 16:48	87-61-6	
1,2,4-Trichlorobenzene	**<4750**	ug/L	25000	4750	5000		01/25/24 16:48	120-82-1	
1,1,1-Trichloroethane	**<1510**	ug/L	5000	1510	5000		01/25/24 16:48	71-55-6	
1,1,2-Trichloroethane	**<1720**	ug/L	5000	1720	5000		01/25/24 16:48	79-00-5	
Trichloroethene	**533000**	ug/L	5000	1600	5000		01/25/24 16:48	79-01-6	
Trichlorofluoromethane	**<2090**	ug/L	5000	2090	5000		01/25/24 16:48	75-69-4	
1,2,3-Trichloropropane	**<2780**	ug/L	5000	2780	5000		01/25/24 16:48	96-18-4	
1,2,4-Trimethylbenzene	**<2240**	ug/L	5000	2240	5000		01/25/24 16:48	95-63-6	
1,3,5-Trimethylbenzene	**<1790**	ug/L	5000	1790	5000		01/25/24 16:48	108-67-8	
Vinyl chloride	**<872**	ug/L	5000	872	5000		01/25/24 16:48	75-01-4	
Xylene (Total)	**<5240**	ug/L	15000	5240	5000		01/25/24 16:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		5000		01/25/24 16:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		5000		01/25/24 16:48	2199-69-1	
Toluene-d8 (S)	105	%	70-130		5000		01/25/24 16:48	2037-26-5	pH

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2103 **Lab ID: 40273470033** Collected: 01/23/24 13:45 Received: 01/24/24 09:10 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		01/29/24 13:15		
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**899**	mg/L	200	59.1	100		01/25/24 18:09	16887-00-6	
Sulfate	**11100**	mg/L	1000	222	500		01/26/24 13:07	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**3810**	mg/L	250	74.4	10		01/25/24 13:53		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**4020**	mg/L	1000	295	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1190**	mg/L	50.0	19.0	100		01/30/24 17:26	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2101 **Lab ID: 40273470034** Collected: 01/23/24 16:00 Received: 01/24/24 09:10 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	**3760**	ug/L	1400	98.2	250		01/30/24 15:13	74-84-0	pH
Ethene	**20100**	ug/L	1250	63.0	250		01/30/24 15:13	74-85-1	pH
Methane	**2070**	ug/L	700	144	250		01/30/24 15:13	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**332**	mg/L	2.5	0.58	10	01/26/24 05:39	02/05/24 09:36	7439-89-6	
Manganese	**1.1**	mg/L	0.020	0.0061	5	01/26/24 05:39	01/30/24 17:00	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**2.0**	mg/L	0.0047	0.0014	2	01/26/24 05:49	01/30/24 20:53	7440-39-3	
Calcium, Dissolved	**1080**	mg/L	2.5	0.76	10	01/26/24 05:49	02/01/24 12:25	7440-70-2	
Chromium, Dissolved	**<0.0020**	mg/L	0.0068	0.0020	2	01/26/24 05:49	01/30/24 20:53	7440-47-3	D3
Iron, Dissolved	**324**	mg/L	2.5	0.58	10	01/26/24 05:49	02/01/24 12:25	7439-89-6	
Lead, Dissolved	**<0.00047**	mg/L	0.0020	0.00047	2	01/26/24 05:49	01/30/24 20:53	7439-92-1	D3
Magnesium, Dissolved	**215**	mg/L	2.5	0.31	10	01/26/24 05:49	02/01/24 12:25	7439-95-4	
Manganese, Dissolved	**0.97**	mg/L	0.040	0.012	10	01/26/24 05:49	02/01/24 12:25	7439-96-5	
Nickel, Dissolved	**<0.00057**	mg/L	0.0020	0.00057	2	01/26/24 05:49	01/30/24 20:53	7440-02-0	D3
Potassium, Dissolved	**8.5**	mg/L	1.6	0.47	2	01/26/24 05:49	01/30/24 20:53	7440-09-7	
Sodium, Dissolved	**484**	mg/L	0.50	0.084	2	01/26/24 05:49	01/30/24 20:53	7440-23-5	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<295**	ug/L	1000	295	1000		01/25/24 17:27	71-43-2	
Bromobenzene	**<361**	ug/L	1000	361	1000		01/25/24 17:27	108-86-1	
Bromochloromethane	**<358**	ug/L	1000	358	1000		01/25/24 17:27	74-97-5	
Bromodichloromethane	**<415**	ug/L	1000	415	1000		01/25/24 17:27	75-27-4	
Bromoform	**<429**	ug/L	1000	429	1000		01/25/24 17:27	75-25-2	
Bromomethane	**<1190**	ug/L	5000	1190	1000		01/25/24 17:27	74-83-9	
n-Butylbenzene	**<857**	ug/L	1000	857	1000		01/25/24 17:27	104-51-8	
sec-Butylbenzene	**<424**	ug/L	1000	424	1000		01/25/24 17:27	135-98-8	
tert-Butylbenzene	**<586**	ug/L	1000	586	1000		01/25/24 17:27	98-06-6	
Carbon tetrachloride	**<369**	ug/L	1000	369	1000		01/25/24 17:27	56-23-5	
Chlorobenzene	**<855**	ug/L	1000	855	1000		01/25/24 17:27	108-90-7	
Chloroethane	**<1380**	ug/L	5000	1380	1000		01/25/24 17:27	75-00-3	
Chloroform	**<504**	ug/L	5000	504	1000		01/25/24 17:27	67-66-3	
Chloromethane	**<1640**	ug/L	5000	1640	1000		01/25/24 17:27	74-87-3	
2-Chlorotoluene	**<890**	ug/L	5000	890	1000		01/25/24 17:27	95-49-8	
4-Chlorotoluene	**<894**	ug/L	5000	894	1000		01/25/24 17:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<2370**	ug/L	5000	2370	1000		01/25/24 17:27	96-12-8	
Dibromochloromethane	**<2640**	ug/L	5000	2640	1000		01/25/24 17:27	124-48-1	
1,2-Dibromoethane (EDB)	**<309**	ug/L	1000	309	1000		01/25/24 17:27	106-93-4	
Dibromomethane	**<991**	ug/L	5000	991	1000		01/25/24 17:27	74-95-3	
1,2-Dichlorobenzene	**<326**	ug/L	1000	326	1000		01/25/24 17:27	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2101 **Lab ID: 40273470034** Collected: 01/23/24 16:00 Received: 01/24/24 09:10 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		01/25/24 17:27	541-73-1	
1,4-Dichlorobenzene	**<892**	ug/L	1000	892	1000		01/25/24 17:27	106-46-7	
Dichlorodifluoromethane	**<455**	ug/L	5000	455	1000		01/25/24 17:27	75-71-8	
1,1-Dichloroethane	**<296**	ug/L	1000	296	1000		01/25/24 17:27	75-34-3	
1,2-Dichloroethane	**<292**	ug/L	1000	292	1000		01/25/24 17:27	107-06-2	
1,1-Dichloroethene	**<582**	ug/L	1000	582	1000		01/25/24 17:27	75-35-4	
cis-1,2-Dichloroethene	**87400**	ug/L	1000	472	1000		01/25/24 17:27	156-59-2	
trans-1,2-Dichloroethene	**<528**	ug/L	1000	528	1000		01/25/24 17:27	156-60-5	
1,2-Dichloropropane	**<448**	ug/L	1000	448	1000		01/25/24 17:27	78-87-5	
1,3-Dichloropropane	**<305**	ug/L	1000	305	1000		01/25/24 17:27	142-28-9	
2,2-Dichloropropane	**<419**	ug/L	1000	419	1000		01/25/24 17:27	594-20-7	
1,1-Dichloropropene	**<410**	ug/L	1000	410	1000		01/25/24 17:27	563-58-6	
cis-1,3-Dichloropropene	**<237**	ug/L	1000	237	1000		01/25/24 17:27	10061-01-5	
trans-1,3-Dichloropropene	**<265**	ug/L	1000	265	1000		01/25/24 17:27	10061-02-6	
Diisopropyl ether	**<1100**	ug/L	5000	1100	1000		01/25/24 17:27	108-20-3	
Ethylbenzene	**<325**	ug/L	1000	325	1000		01/25/24 17:27	100-41-4	
Hexachloro-1,3-butadiene	**<2740**	ug/L	5000	2740	1000		01/25/24 17:27	87-68-3	
Isopropylbenzene (Cumene)	**<1000**	ug/L	5000	1000	1000		01/25/24 17:27	98-82-8	
p-Isopropyltoluene	**<1040**	ug/L	5000	1040	1000		01/25/24 17:27	99-87-6	
Methylene Chloride	**<319**	ug/L	5000	319	1000		01/25/24 17:27	75-09-2	
Methyl-tert-butyl ether	**<1130**	ug/L	5000	1130	1000		01/25/24 17:27	1634-04-4	
Naphthalene	**<1920**	ug/L	5000	1920	1000		01/25/24 17:27	91-20-3	
n-Propylbenzene	**<345**	ug/L	1000	345	1000		01/25/24 17:27	103-65-1	
Styrene	**<356**	ug/L	1000	356	1000		01/25/24 17:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<355**	ug/L	1000	355	1000		01/25/24 17:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<378**	ug/L	1000	378	1000		01/25/24 17:27	79-34-5	
Tetrachloroethene	**<409**	ug/L	1000	409	1000		01/25/24 17:27	127-18-4	
Toluene	**<288**	ug/L	1000	288	1000		01/25/24 17:27	108-88-3	
1,2,3-Trichlorobenzene	**<1020**	ug/L	5000	1020	1000		01/25/24 17:27	87-61-6	
1,2,4-Trichlorobenzene	**<951**	ug/L	5000	951	1000		01/25/24 17:27	120-82-1	
1,1,1-Trichloroethane	**<303**	ug/L	1000	303	1000		01/25/24 17:27	71-55-6	
1,1,2-Trichloroethane	**<344**	ug/L	1000	344	1000		01/25/24 17:27	79-00-5	
Trichloroethene	**22900**	ug/L	1000	320	1000		01/25/24 17:27	79-01-6	
Trichlorofluoromethane	**<419**	ug/L	1000	419	1000		01/25/24 17:27	75-69-4	
1,2,3-Trichloropropane	**<555**	ug/L	1000	555	1000		01/25/24 17:27	96-18-4	
1,2,4-Trimethylbenzene	**<449**	ug/L	1000	449	1000		01/25/24 17:27	95-63-6	
1,3,5-Trimethylbenzene	**<357**	ug/L	1000	357	1000		01/25/24 17:27	108-67-8	
Vinyl chloride	**23000**	ug/L	1000	174	1000		01/25/24 17:27	75-01-4	
Xylene (Total)	**<1050**	ug/L	3000	1050	1000		01/25/24 17:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1000		01/25/24 17:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1000		01/25/24 17:27	2199-69-1	
Toluene-d8 (S)	107	%	70-130		1000		01/25/24 17:27	2037-26-5	pH

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2101 **Lab ID: 40273470034** Collected: 01/23/24 16:00 Received: 01/24/24 09:10 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		01/29/24 13:16		2q
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**1050**	mg/L	40.0	11.8	20		01/25/24 18:24	16887-00-6	
Sulfate	**<8.9**	mg/L	40.0	8.9	20		01/25/24 18:24	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**3410**	mg/L	250	74.4	10		01/25/24 13:54		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**7230**	mg/L	1000	295	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**2350**	mg/L	150	56.8	300		01/30/24 17:43	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2103D **Lab ID: 40273470035** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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		01/30/24 13:41	74-84-0	
Ethene	**4.0J**	ug/L	5.0	0.25	1		01/30/24 13:41	74-85-1	
Methane	**125**	ug/L	2.8	0.58	1		01/30/24 13:41	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4.5**	mg/L	2.5	0.58	10	01/26/24 05:39	01/30/24 17:16	7439-89-6	
Manganese	**0.078**	mg/L	0.040	0.012	10	01/26/24 05:39	01/30/24 17:16	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.024**	mg/L	0.023	0.0070	10	01/26/24 05:49	01/30/24 20:59	7440-39-3	
Chromium, Dissolved	**<0.010**	mg/L	0.034	0.010	10	01/26/24 05:49	01/30/24 20:59	7440-47-3	D3
Iron, Dissolved	**2.9**	mg/L	2.5	0.58	10	01/26/24 05:49	01/30/24 20:59	7439-89-6	
Lead, Dissolved	**<0.0024**	mg/L	0.010	0.0024	10	01/26/24 05:49	01/30/24 20:59	7439-92-1	D3
Manganese, Dissolved	**0.083**	mg/L	0.040	0.012	10	01/26/24 05:49	01/30/24 20:59	7439-96-5	D9
Nickel, Dissolved	**0.0083J**	mg/L	0.010	0.0028	10	01/26/24 05:49	01/30/24 20:59	7440-02-0	D3
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:51	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:51	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:51	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 14:51	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 14:51	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:51	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:51	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 14:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 14:51	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 14:51	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 14:51	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 14:51	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 14:51	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:51	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 14:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 14:51	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 14:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 14:51	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 14:51	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:51	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:51	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 14:51	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 14:51	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:51	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2103D **Lab ID: 40273470035** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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		01/25/24 14:51	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 14:51	75-35-4	
cis-1,2-Dichloroethene	**169**	ug/L	1.0	0.47	1		01/25/24 14:51	156-59-2	
trans-1,2-Dichloroethene	**2.1**	ug/L	1.0	0.53	1		01/25/24 14:51	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:51	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:51	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:51	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:51	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 14:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 14:51	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:51	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 14:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 14:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:51	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:51	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 14:51	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 14:51	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 14:51	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 14:51	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 14:51	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 14:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 14:51	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 14:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 14:51	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 14:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 14:51	79-00-5	
Trichloroethene	**75.8**	ug/L	1.0	0.32	1		01/25/24 14:51	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 14:51	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 14:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 14:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 14:51	108-67-8	
Vinyl chloride	**24.6**	ug/L	1.0	0.17	1		01/25/24 14:51	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 14:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		01/25/24 14:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/25/24 14:51	2199-69-1	
Toluene-d8 (S)	106	%	70-130		1		01/25/24 14:51	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		01/29/24 13:18		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2103D **Lab ID: 40273470035** Collected: 01/23/24 12:30 Received: 01/24/24 09:10 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	**156**	mg/L	20.0	5.9	10		01/25/24 18:39	16887-00-6	
Sulfate	**3670**	mg/L	200	44.4	100		01/26/24 13:22	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**600**	mg/L	50.0	14.9	2		01/25/24 13:55		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**82.2**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**31.6**	mg/L	5.0	1.9	10		01/30/24 18:00	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2103D **Lab ID: 40273470036** Collected: 01/23/24 13:45 Received: 01/24/24 09:10 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	**263**	ug/L	5.6	0.39	1		01/30/24 12:46	74-84-0	pH
Ethene	**7240**	ug/L	200	10.1	40		01/30/24 15:20	74-85-1	pH
Methane	**61.3**	ug/L	2.8	0.58	1		01/30/24 12:46	74-82-8	pH
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**76.4**	mg/L	25.0	5.8	100	01/26/24 05:39	01/31/24 14:56	7439-89-6	
Manganese	**1.2**	mg/L	0.40	0.12	100	01/26/24 05:39	01/31/24 14:56	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**<0.035**	mg/L	0.12	0.035	50	01/26/24 05:49	01/31/24 17:31	7440-39-3	
Chromium, Dissolved	**<0.051**	mg/L	0.17	0.051	50	01/26/24 05:49	01/31/24 17:31	7440-47-3	
Iron, Dissolved	**77.1**	mg/L	12.5	2.9	50	01/26/24 05:49	01/31/24 17:31	7439-89-6	D9
Lead, Dissolved	**<0.012**	mg/L	0.050	0.012	50	01/26/24 05:49	01/31/24 17:31	7439-92-1	
Manganese, Dissolved	**1.2**	mg/L	0.20	0.061	50	01/26/24 05:49	02/01/24 12:30	7439-96-5	
Nickel, Dissolved	**<0.014**	mg/L	0.050	0.014	50	01/26/24 05:49	01/31/24 17:31	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<1480**	ug/L	5000	1480	5000		01/25/24 17:08	71-43-2	
Bromobenzene	**<1800**	ug/L	5000	1800	5000		01/25/24 17:08	108-86-1	
Bromochloromethane	**<1790**	ug/L	5000	1790	5000		01/25/24 17:08	74-97-5	
Bromodichloromethane	**<2080**	ug/L	5000	2080	5000		01/25/24 17:08	75-27-4	
Bromoform	**<2140**	ug/L	5000	2140	5000		01/25/24 17:08	75-25-2	
Bromomethane	**<5960**	ug/L	25000	5960	5000		01/25/24 17:08	74-83-9	
n-Butylbenzene	**<4290**	ug/L	5000	4290	5000		01/25/24 17:08	104-51-8	
sec-Butylbenzene	**<2120**	ug/L	5000	2120	5000		01/25/24 17:08	135-98-8	
tert-Butylbenzene	**<2930**	ug/L	5000	2930	5000		01/25/24 17:08	98-06-6	
Carbon tetrachloride	**<1850**	ug/L	5000	1850	5000		01/25/24 17:08	56-23-5	
Chlorobenzene	**<4280**	ug/L	5000	4280	5000		01/25/24 17:08	108-90-7	
Chloroethane	**<6900**	ug/L	25000	6900	5000		01/25/24 17:08	75-00-3	
Chloroform	**<2520**	ug/L	25000	2520	5000		01/25/24 17:08	67-66-3	
Chloromethane	**<8180**	ug/L	25000	8180	5000		01/25/24 17:08	74-87-3	
2-Chlorotoluene	**<4450**	ug/L	25000	4450	5000		01/25/24 17:08	95-49-8	
4-Chlorotoluene	**<4470**	ug/L	25000	4470	5000		01/25/24 17:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<11800**	ug/L	25000	11800	5000		01/25/24 17:08	96-12-8	
Dibromochloromethane	**<13200**	ug/L	25000	13200	5000		01/25/24 17:08	124-48-1	
1,2-Dibromoethane (EDB)	**<1550**	ug/L	5000	1550	5000		01/25/24 17:08	106-93-4	
Dibromomethane	**<4950**	ug/L	25000	4950	5000		01/25/24 17:08	74-95-3	
1,2-Dichlorobenzene	**<1630**	ug/L	5000	1630	5000		01/25/24 17:08	95-50-1	
1,3-Dichlorobenzene	**<1760**	ug/L	5000	1760	5000		01/25/24 17:08	541-73-1	
1,4-Dichlorobenzene	**<4460**	ug/L	5000	4460	5000		01/25/24 17:08	106-46-7	
Dichlorodifluoromethane	**<2280**	ug/L	25000	2280	5000		01/25/24 17:08	75-71-8	
1,1-Dichloroethane	**<1480**	ug/L	5000	1480	5000		01/25/24 17:08	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2103D **Lab ID: 40273470036** Collected: 01/23/24 13:45 Received: 01/24/24 09:10 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	**<1460**	ug/L	5000	1460	5000		01/25/24 17:08	107-06-2	
1,1-Dichloroethene	**<2910**	ug/L	5000	2910	5000		01/25/24 17:08	75-35-4	
cis-1,2-Dichloroethene	**62300**	ug/L	5000	2360	5000		01/25/24 17:08	156-59-2	
trans-1,2-Dichloroethene	**<2640**	ug/L	5000	2640	5000		01/25/24 17:08	156-60-5	
1,2-Dichloropropane	**<2240**	ug/L	5000	2240	5000		01/25/24 17:08	78-87-5	
1,3-Dichloropropane	**<1520**	ug/L	5000	1520	5000		01/25/24 17:08	142-28-9	
2,2-Dichloropropane	**<2090**	ug/L	5000	2090	5000		01/25/24 17:08	594-20-7	
1,1-Dichloropropene	**<2050**	ug/L	5000	2050	5000		01/25/24 17:08	563-58-6	
cis-1,3-Dichloropropene	**<1190**	ug/L	5000	1190	5000		01/25/24 17:08	10061-01-5	
trans-1,3-Dichloropropene	**<1330**	ug/L	5000	1330	5000		01/25/24 17:08	10061-02-6	
Diisopropyl ether	**<5500**	ug/L	25000	5500	5000		01/25/24 17:08	108-20-3	
Ethylbenzene	**<1630**	ug/L	5000	1630	5000		01/25/24 17:08	100-41-4	
Hexachloro-1,3-butadiene	**<13700**	ug/L	25000	13700	5000		01/25/24 17:08	87-68-3	
Isopropylbenzene (Cumene)	**<5000**	ug/L	25000	5000	5000		01/25/24 17:08	98-82-8	
p-Isopropyltoluene	**<5220**	ug/L	25000	5220	5000		01/25/24 17:08	99-87-6	
Methylene Chloride	**<1600**	ug/L	25000	1600	5000		01/25/24 17:08	75-09-2	
Methyl-tert-butyl ether	**<5650**	ug/L	25000	5650	5000		01/25/24 17:08	1634-04-4	
Naphthalene	**<9590**	ug/L	25000	9590	5000		01/25/24 17:08	91-20-3	
n-Propylbenzene	**<1730**	ug/L	5000	1730	5000		01/25/24 17:08	103-65-1	
Styrene	**<1780**	ug/L	5000	1780	5000		01/25/24 17:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<1780**	ug/L	5000	1780	5000		01/25/24 17:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<1890**	ug/L	5000	1890	5000		01/25/24 17:08	79-34-5	
Tetrachloroethene	**<2040**	ug/L	5000	2040	5000		01/25/24 17:08	127-18-4	
Toluene	**<1440**	ug/L	5000	1440	5000		01/25/24 17:08	108-88-3	
1,2,3-Trichlorobenzene	**<5090**	ug/L	25000	5090	5000		01/25/24 17:08	87-61-6	
1,2,4-Trichlorobenzene	**<4750**	ug/L	25000	4750	5000		01/25/24 17:08	120-82-1	
1,1,1-Trichloroethane	**<1510**	ug/L	5000	1510	5000		01/25/24 17:08	71-55-6	
1,1,2-Trichloroethane	**<1720**	ug/L	5000	1720	5000		01/25/24 17:08	79-00-5	
Trichloroethene	**540000**	ug/L	5000	1600	5000		01/25/24 17:08	79-01-6	
Trichlorofluoromethane	**<2090**	ug/L	5000	2090	5000		01/25/24 17:08	75-69-4	
1,2,3-Trichloropropane	**<2780**	ug/L	5000	2780	5000		01/25/24 17:08	96-18-4	
1,2,4-Trimethylbenzene	**<2240**	ug/L	5000	2240	5000		01/25/24 17:08	95-63-6	
1,3,5-Trimethylbenzene	**<1790**	ug/L	5000	1790	5000		01/25/24 17:08	108-67-8	
Vinyl chloride	**<872**	ug/L	5000	872	5000		01/25/24 17:08	75-01-4	
Xylene (Total)	**<5240**	ug/L	15000	5240	5000		01/25/24 17:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		5000		01/25/24 17:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		5000		01/25/24 17:08	2199-69-1	
Toluene-d8 (S)	104	%	70-130		5000		01/25/24 17:08	2037-26-5	pH
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		01/29/24 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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2103D **Lab ID: 40273470036** Collected: 01/23/24 13:45 Received: 01/24/24 09:10 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	**945**	mg/L	200	59.1	100		01/25/24 18:54	16887-00-6	
Sulfate	**12200**	mg/L	1000	222	500		01/26/24 13:37	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**3830**	mg/L	250	74.4	10		01/25/24 13:56		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**3500**	mg/L	1000	295	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**1140**	mg/L	50.0	19.0	100		01/30/24 18:37	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2104 **Lab ID: 40273470037** Collected: 01/23/24 16:05 Received: 01/24/24 09:10 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		01/26/24 10:36	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 10:36	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 10:36	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 10:36	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 10:36	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 10:36	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 10:36	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 10:36	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 10:36	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 10:36	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 10:36	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 10:36	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 10:36	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 10:36	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 10:36	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 10:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 10:36	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 10:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 10:36	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 10:36	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 10:36	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 10:36	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 10:36	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 10:36	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 10:36	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 10:36	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 10:36	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.47	1		01/26/24 10:36	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 10:36	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 10:36	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 10:36	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 10:36	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 10:36	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 10:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 10:36	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 10:36	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 10:36	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 10:36	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 10:36	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 10:36	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 10:36	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 10:36	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 10:36	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 10:36	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 10:36	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2104 **Lab ID: 40273470037** Collected: 01/23/24 16:05 Received: 01/24/24 09:10 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		01/26/24 10:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 10:36	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 10:36	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 10:36	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 10:36	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 10:36	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 10:36	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 10:36	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 10:36	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 10:36	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 10:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 10:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 10:36	108-67-8	
Vinyl chloride	**1.2**	ug/L	1.0	0.17	1		01/26/24 10:36	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 10:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/26/24 10:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/26/24 10:36	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/26/24 10:36	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2113 **Lab ID: 40273470038** Collected: 01/23/24 14:45 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV	Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay								
Ethane	**4.4J**	ug/L	5.6	0.39	1		01/30/24 12:53	74-84-0	
Ethene	**51.2**	ug/L	5.0	0.25	1		01/30/24 12:53	74-85-1	
Methane	**3230**	ug/L	56.0	11.5	20		01/30/24 15:27	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.3**	mg/L	0.25	0.058	1	01/26/24 05:39	01/30/24 17:26	7439-89-6	
Manganese	**0.23**	mg/L	0.0040	0.0012	1	01/26/24 05:39	01/30/24 17:26	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.079**	mg/L	0.0023	0.00070	1	01/26/24 05:49	01/30/24 21:09	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/26/24 05:49	01/30/24 21:09	7440-47-3	
Iron, Dissolved	**2.2**	mg/L	0.25	0.058	1	01/26/24 05:49	01/30/24 21:09	7439-89-6	
Lead, Dissolved	**0.00044J**	mg/L	0.0010	0.00024	1	01/26/24 05:49	01/30/24 21:09	7439-92-1	
Manganese, Dissolved	**0.22**	mg/L	0.0040	0.0012	1	01/26/24 05:49	01/30/24 21:09	7439-96-5	
Nickel, Dissolved	**0.010**	mg/L	0.0010	0.00028	1	01/26/24 05:49	01/30/24 21:09	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:30	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:30	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:30	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:30	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 15:30	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 15:30	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 15:30	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:30	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 15:30	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 15:30	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 15:30	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 15:30	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 15:30	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 15:30	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 15:30	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 15:30	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 15:30	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 15:30	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 15:30	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 15:30	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 15:30	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 15:30	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 15:30	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 15:30	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:30	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2113 **Lab ID: 40273470038** Collected: 01/23/24 14:45 Received: 01/24/24 09:10 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		01/25/24 15:30	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 15:30	75-35-4	
cis-1,2-Dichloroethene	**469**	ug/L	10.0	4.7	10		01/26/24 11:15	156-59-2	
trans-1,2-Dichloroethene	**18.9**	ug/L	1.0	0.53	1		01/25/24 15:30	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 15:30	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:30	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:30	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 15:30	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 15:30	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 15:30	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 15:30	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 15:30	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 15:30	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:30	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:30	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 15:30	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 15:30	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 15:30	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 15:30	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:30	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:30	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 15:30	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 15:30	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 15:30	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 15:30	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 15:30	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 15:30	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 15:30	79-00-5	
Trichloroethene	**0.70J**	ug/L	1.0	0.32	1		01/25/24 15:30	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 15:30	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 15:30	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 15:30	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 15:30	108-67-8	
Vinyl chloride	**932**	ug/L	10.0	1.7	10		01/26/24 11:15	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 15:30	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/25/24 15:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/25/24 15:30	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/25/24 15:30	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		01/29/24 13:20		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2113 **Lab ID: 40273470038** Collected: 01/23/24 14:45 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**44.9**	mg/L	20.0	5.9	10		01/25/24 19:53	16887-00-6	
Sulfate	**597**	mg/L	100	22.2	50		01/26/24 13:51	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**559**	mg/L	50.0	14.9	2		01/25/24 13:57		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**97.3**	mg/L	50.0	14.7	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**33.3**	mg/L	15.0	5.7	30		01/30/24 18:52	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2113 **Lab ID: 40273470039** Collected: 01/23/24 15:20 Received: 01/24/24 09:10 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	**108**	ug/L	5.6	0.39	1		01/30/24 13:00	74-84-0	
Ethene	**1970**	ug/L	500	25.2	100		01/30/24 15:34	74-85-1	
Methane	**12000**	ug/L	280	57.6	100		01/30/24 15:34	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**45.9**	mg/L	0.25	0.058	1	01/26/24 05:39	01/30/24 17:31	7439-89-6	
Manganese	**0.18**	mg/L	0.0040	0.0012	1	01/26/24 05:39	01/30/24 17:31	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.96**	mg/L	0.0023	0.00070	1	01/26/24 05:49	01/30/24 21:14	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/26/24 05:49	01/30/24 21:14	7440-47-3	
Iron, Dissolved	**42.3**	mg/L	0.25	0.058	1	01/26/24 05:49	01/30/24 21:14	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/26/24 05:49	01/30/24 21:14	7439-92-1	
Manganese, Dissolved	**0.18**	mg/L	0.0040	0.0012	1	01/26/24 05:49	01/30/24 21:14	7439-96-5	
Nickel, Dissolved	**<0.00028**	mg/L	0.0010	0.00028	1	01/26/24 05:49	01/30/24 21:14	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.72J**	ug/L	1.0	0.30	1		01/25/24 12:34	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:34	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:34	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:34	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 12:34	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 12:34	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 12:34	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:34	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 12:34	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 12:34	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 12:34	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 12:34	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 12:34	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 12:34	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 12:34	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 12:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 12:34	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 12:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 12:34	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 12:34	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 12:34	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 12:34	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 12:34	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 12:34	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 12:34	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2113 **Lab ID: 40273470039** Collected: 01/23/24 15:20 Received: 01/24/24 09:10 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		01/25/24 12:34	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 12:34	75-35-4	
cis-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.47	1		01/25/24 12:34	156-59-2	
trans-1,2-Dichloroethene	**1.5**	ug/L	1.0	0.53	1		01/25/24 12:34	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 12:34	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 12:34	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:34	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 12:34	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 12:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 12:34	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 12:34	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 12:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 12:34	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 12:34	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 12:34	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 12:34	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 12:34	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 12:34	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 12:34	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 12:34	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 12:34	127-18-4	
Toluene	**0.32J**	ug/L	1.0	0.29	1		01/25/24 12:34	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 12:34	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 12:34	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 12:34	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 12:34	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/25/24 12:34	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 12:34	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 12:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 12:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 12:34	108-67-8	
Vinyl chloride	**9.5**	ug/L	1.0	0.17	1		01/25/24 12:34	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 12:34	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		01/25/24 12:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/24 12:34	2199-69-1	
Toluene-d8 (S)	101	%	70-130		1		01/25/24 12:34	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000) Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/29/24 13:21		2q

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2113 **Lab ID: 40273470039** Collected: 01/23/24 15:20 Received: 01/24/24 09:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Chloride	**378**	mg/L	20.0	5.9	10		01/25/24 20:08	16887-00-6	
Sulfate	**<4.4**	mg/L	20.0	4.4	10		01/25/24 20:08	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**1180**	mg/L	125	37.2	5		01/25/24 13:58		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**2250**	mg/L	500	147	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**750**	mg/L	50.0	19.0	100		01/30/24 19:09	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2105 **Lab ID: 40273470040** Collected: 01/23/24 14:15 Received: 01/24/24 09:10 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		01/25/24 16:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:29	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/25/24 16:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/25/24 16:29	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/25/24 16:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/25/24 16:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/25/24 16:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/25/24 16:29	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/25/24 16:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/25/24 16:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/25/24 16:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/25/24 16:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/25/24 16:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/25/24 16:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/25/24 16:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/25/24 16:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/25/24 16:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:29	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/25/24 16:29	75-35-4	
cis-1,2-Dichloroethene	**16.3**	ug/L	1.0	0.47	1		01/25/24 16:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/25/24 16:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:29	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:29	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/25/24 16:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/25/24 16:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:29	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/25/24 16:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/25/24 16:29	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:29	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/25/24 16:29	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/25/24 16:29	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/25/24 16:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/25/24 16:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:29	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2105 **Lab ID: 40273470040** Collected: 01/23/24 14:15 Received: 01/24/24 09:10 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		01/25/24 16:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/25/24 16:29	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/25/24 16:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/25/24 16:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/25/24 16:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/25/24 16:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/25/24 16:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/25/24 16:29	79-00-5	
Trichloroethene	**2.2**	ug/L	1.0	0.32	1		01/25/24 16:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/25/24 16:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/25/24 16:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/25/24 16:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/25/24 16:29	108-67-8	
Vinyl chloride	**1.7**	ug/L	1.0	0.17	1		01/25/24 16:29	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/25/24 16:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/25/24 16:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/25/24 16:29	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/25/24 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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2105 **Lab ID: 40273470041** Collected: 01/23/24 15:15 Received: 01/24/24 09:10 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		01/26/24 18:04	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:04	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:04	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:04	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 18:04	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 18:04	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 18:04	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:04	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 18:04	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 18:04	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 18:04	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 18:04	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 18:04	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 18:04	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 18:04	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 18:04	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 18:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 18:04	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 18:04	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 18:04	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 18:04	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 18:04	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 18:04	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:04	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 18:04	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 18:04	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 18:04	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 18:04	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 18:04	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:04	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:04	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 18:04	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 18:04	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 18:04	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 18:04	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 18:04	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 18:04	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:04	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:04	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 18:04	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 18:04	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 18:04	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 18:04	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:04	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: 60705270 KEP
Pace Project No.: 40273470

Sample: PZ-2105 **Lab ID: 40273470041** Collected: 01/23/24 15:15 Received: 01/24/24 09:10 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		01/26/24 18:04	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 18:04	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 18:04	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 18:04	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:04	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 18:04	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:04	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 18:04	79-00-5	
Trichloroethene	**0.50J**	ug/L	1.0	0.32	1		01/26/24 18:04	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:04	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 18:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 18:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:04	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 18:04	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 18:04	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/26/24 18:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		01/26/24 18:04	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/26/24 18:04	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2106 **Lab ID: 40273470042** Collected: 01/23/24 16:20 Received: 01/24/24 09:10 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	**2.4J**	ug/L	5.6	0.39	1		02/02/24 11:50	74-84-0	
Ethene	**1.9J**	ug/L	5.0	0.25	1		02/02/24 11:50	74-85-1	
Methane	**1690**	ug/L	28.0	5.8	10		01/30/24 15:55	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4.2**	mg/L	0.25	0.058	1	01/26/24 05:39	01/30/24 17:37	7439-89-6	
Manganese	**0.97**	mg/L	0.0040	0.0012	1	01/26/24 05:39	01/30/24 17:37	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.019**	mg/L	0.0023	0.00070	1	01/26/24 05:49	01/30/24 21:19	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/26/24 05:49	01/30/24 21:19	7440-47-3	
Iron, Dissolved	**3.6**	mg/L	0.25	0.058	1	01/26/24 05:49	01/30/24 21:19	7439-89-6	
Lead, Dissolved	**<0.00024**	mg/L	0.0010	0.00024	1	01/26/24 05:49	01/30/24 21:19	7439-92-1	
Manganese, Dissolved	**0.91**	mg/L	0.0040	0.0012	1	01/26/24 05:49	01/30/24 21:19	7439-96-5	
Nickel, Dissolved	**0.0013**	mg/L	0.0010	0.00028	1	01/26/24 05:49	01/30/24 21:19	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:24	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:24	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:24	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 18:24	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 18:24	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 18:24	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:24	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 18:24	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 18:24	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 18:24	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 18:24	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 18:24	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 18:24	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 18:24	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 18:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 18:24	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 18:24	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 18:24	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 18:24	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 18:24	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 18:24	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 18:24	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 18:24	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:24	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2106 **Lab ID: 40273470042** Collected: 01/23/24 16:20 Received: 01/24/24 09:10 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		01/26/24 18:24	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 18:24	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 18:24	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 18:24	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 18:24	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:24	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:24	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 18:24	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 18:24	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 18:24	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 18:24	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 18:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 18:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:24	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:24	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 18:24	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 18:24	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 18:24	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 18:24	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 18:24	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 18:24	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 18:24	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:24	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 18:24	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:24	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 18:24	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 18:24	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:24	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 18:24	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 18:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:24	108-67-8	
Vinyl chloride	**2.1**	ug/L	1.0	0.17	1		01/26/24 18:24	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 18:24	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/26/24 18:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		01/26/24 18:24	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/26/24 18:24	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		01/29/24 13:22		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2106 **Lab ID: 40273470042** Collected: 01/23/24 16:20 Received: 01/24/24 09:10 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	**65.4**	mg/L	20.0	5.9	10		01/25/24 20:23	16887-00-6	
Sulfate	**1440**	mg/L	100	22.2	50		01/26/24 14:06	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**347**	mg/L	125	37.2	5		01/25/24 13:59		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**15.9J**	mg/L	52.6	15.5	1	01/31/24 02:35	01/31/24 05:33		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**8.9**	mg/L	3.0	1.1	6		01/30/24 19:25	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2102 **Lab ID: 40273470043** Collected: 01/23/24 17:10 Received: 01/24/24 09:10 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		01/30/24 13:13	74-84-0	
Ethene	**4.2J**	ug/L	5.0	0.25	1		01/30/24 13:13	74-85-1	
Methane	**13400**	ug/L	280	57.6	100		01/30/24 16:02	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1.2**	mg/L	0.25	0.058	1	01/26/24 05:39	01/30/24 17:42	7439-89-6	
Manganese	**0.12**	mg/L	0.0040	0.0012	1	01/26/24 05:39	01/30/24 17:42	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	0.0023	0.00070	1	01/26/24 05:49	01/30/24 21:24	7440-39-3	
Chromium, Dissolved	**<0.0010**	mg/L	0.0034	0.0010	1	01/26/24 05:49	01/30/24 21:24	7440-47-3	
Iron, Dissolved	**0.30**	mg/L	0.25	0.058	1	01/26/24 05:49	01/30/24 21:24	7439-89-6	
Lead, Dissolved	**0.00028J**	mg/L	0.0010	0.00024	1	01/26/24 05:49	01/30/24 21:24	7439-92-1	
Manganese, Dissolved	**0.12**	mg/L	0.0040	0.0012	1	01/26/24 05:49	01/30/24 21:24	7439-96-5	
Nickel, Dissolved	**0.0040**	mg/L	0.0010	0.00028	1	01/26/24 05:49	01/30/24 21:24	7440-02-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:43	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:43	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:43	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 18:43	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 18:43	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 18:43	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:43	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 18:43	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 18:43	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 18:43	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 18:43	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 18:43	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 18:43	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 18:43	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 18:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 18:43	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 18:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 18:43	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 18:43	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 18:43	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 18:43	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 18:43	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 18:43	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:43	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: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2102 **Lab ID: 40273470043** Collected: 01/23/24 17:10 Received: 01/24/24 09:10 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		01/26/24 18:43	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 18:43	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 18:43	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 18:43	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 18:43	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:43	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:43	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 18:43	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 18:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 18:43	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 18:43	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 18:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 18:43	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:43	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:43	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 18:43	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 18:43	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 18:43	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 18:43	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 18:43	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 18:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 18:43	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 18:43	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 18:43	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 18:43	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 18:43	79-00-5	
Trichloroethene	**0.39J**	ug/L	1.0	0.32	1		01/26/24 18:43	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 18:43	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 18:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 18:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 18:43	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 18:43	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 18:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/26/24 18:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/26/24 18:43	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/26/24 18:43	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**7.6**	mg/L	4.0	1.2	1		01/29/24 13:23		2q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273470

Sample: MW-2102 **Lab ID: 40273470043** Collected: 01/23/24 17:10 Received: 01/24/24 09:10 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	**30.0**	mg/L	20.0	5.9	10		01/25/24 20:37	16887-00-6	
Sulfate	**301**	mg/L	100	22.2	50		01/26/24 14:21	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**649**	mg/L	125	37.2	5		01/25/24 14:00		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**303**	mg/L	200	58.9	1	01/31/24 02:35	01/31/24 05:34		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**61.2**	mg/L	15.0	5.7	30		01/30/24 19:40	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465798
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: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023

METHOD BLANK: 2670551 Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	01/29/24 10:32	
Ethene	ug/L	<0.25	5.0	01/29/24 10:32	
Methane	ug/L	<0.58	2.8	01/29/24 10:32	

LABORATORY CONTROL SAMPLE & LCSD: 2670552 2670553

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	53.6	53.8	59.9	100	112	80-120	11	20	
Ethene	ug/L	50	50.1	55.5	100	111	80-120	10	20	
Methane	ug/L	28.6	28.2	31.6	99	110	80-120	11	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670792 2670793

Parameter	Units	40273470021 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	53.5	58.6	100	109	77-120	9	20	
Ethene	ug/L	<0.25	50	50	49.6	54.6	99	109	76-120	10	20	
Methane	ug/L	7.2	28.6	28.6	39.6	43.2	114	126	12-198	9	26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465885
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: 40273470026, 40273470027, 40273470028, 40273470029, 40273470030, 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2670847 Matrix: Water
Associated Lab Samples: 40273470026, 40273470027, 40273470028, 40273470029, 40273470030, 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	01/30/24 10:23	
Ethene	ug/L	<0.25	5.0	01/30/24 10:23	
Methane	ug/L	<0.58	2.8	01/30/24 10:23	

LABORATORY CONTROL SAMPLE & LCSD: 2670848 2670849

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	60.3	104	113	80-120	8	20	
Ethene	ug/L	50	51.8	56.0	104	112	80-120	8	20	
Methane	ug/L	28.6	28.9	31.8	101	111	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671700 2671701

Parameter	Units	40273470026 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	536	536	574	605	107	113	77-120	5	20	
Ethene	ug/L	11.3	500	500	540	567	106	111	76-120	5	20	
Methane	ug/L	2080	286	286	1410	1550	-235	-187	12-198	9	26	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465589
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

METHOD BLANK: 2669232
Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	01/30/24 11:07	
Manganese	mg/L	<0.0012	0.0040	01/30/24 11:07	

LABORATORY CONTROL SAMPLE: 2669233

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	mg/L	10	10.7	107	80-120	
Manganese	mg/L	0.25	0.27	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669234 2669235

Parameter	Units	40273470009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	0.26	10	10	10.6	11.1	104	109	75-125	5	20	
Manganese	mg/L	0.18	0.25	0.25	0.45	0.47	107	116	75-125	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465600
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2669279 Matrix: Water
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	01/30/24 16:13	
Manganese	mg/L	<0.0012	0.0040	01/30/24 16:13	

LABORATORY CONTROL SAMPLE: 2669280

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669281 2669282

Parameter	Units	40273470031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	15.7	10	10	28.2	27.8	125	121	75-125	1	20	
Manganese	mg/L	0.013	0.25	0.25	0.30	0.29	114	111	75-125	3	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465588
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

METHOD BLANK: 2669228 Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	01/30/24 14:14	
Calcium, Dissolved	mg/L	<0.076	0.25	01/30/24 14:14	
Chromium, Dissolved	mg/L	<0.0010	0.0034	01/30/24 14:14	
Iron, Dissolved	mg/L	<0.058	0.25	01/30/24 14:14	
Lead, Dissolved	mg/L	<0.00024	0.0010	01/30/24 14:14	
Magnesium, Dissolved	mg/L	<0.031	0.25	01/30/24 14:14	
Manganese, Dissolved	mg/L	<0.0012	0.0040	01/30/24 14:14	
Nickel, Dissolved	mg/L	<0.00028	0.0010	01/30/24 14:14	
Potassium, Dissolved	mg/L	<0.24	0.79	01/30/24 14:14	
Sodium, Dissolved	mg/L	<0.042	0.25	01/30/24 14:14	

LABORATORY CONTROL SAMPLE: 2669229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.26	104	80-120	
Calcium, Dissolved	mg/L	10	10.7	107	80-120	
Chromium, Dissolved	mg/L	0.25	0.26	105	80-120	
Iron, Dissolved	mg/L	10	10.6	106	80-120	
Lead, Dissolved	mg/L	0.25	0.25	101	80-120	
Magnesium, Dissolved	mg/L	10	10.4	104	80-120	
Manganese, Dissolved	mg/L	0.25	0.27	108	80-120	
Nickel, Dissolved	mg/L	0.25	0.27	106	80-120	
Potassium, Dissolved	mg/L	10	10.4	104	80-120	
Sodium, Dissolved	mg/L	10	10.3	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669230 2669231

Parameter	Units	40273470009 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	0.024	0.25	0.25	0.28	0.29	104	106	75-125	2	20	
Calcium, Dissolved	mg/L	219	10	10	224	228	53	93	75-125	2	20	P6
Chromium, Dissolved	mg/L	<0.0010	0.25	0.25	0.26	0.27	105	107	75-125	2	20	
Iron, Dissolved	mg/L	0.23J	10	10	10.9	11.2	107	110	75-125	2	20	
Lead, Dissolved	mg/L	<0.00024	0.25	0.25	0.26	0.26	105	105	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: 60705270 KEP
Pace Project No.: 40273470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669230 2669231

Parameter	Units	40273470009 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	78.8	10	10	89.0	90.8	102	120	75-125	2	20	
Manganese, Dissolved	mg/L	0.21	0.25	0.25	0.48	0.49	110	112	75-125	1	20	
Nickel, Dissolved	mg/L	0.0017	0.25	0.25	0.27	0.27	105	107	75-125	1	20	
Potassium, Dissolved	mg/L	4.9	10	10	15.7	16.0	108	112	75-125	2	20	
Sodium, Dissolved	mg/L	153	10	10	162	165	99	128	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465599
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2669275 Matrix: Water
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	01/30/24 19:36	
Calcium, Dissolved	mg/L	<0.076	0.25	01/30/24 19:36	
Chromium, Dissolved	mg/L	<0.0010	0.0034	01/30/24 19:36	
Iron, Dissolved	mg/L	<0.058	0.25	01/30/24 19:36	
Lead, Dissolved	mg/L	<0.00024	0.0010	01/30/24 19:36	
Magnesium, Dissolved	mg/L	<0.031	0.25	01/30/24 19:36	
Manganese, Dissolved	mg/L	<0.0012	0.0040	01/30/24 19:36	
Nickel, Dissolved	mg/L	<0.00028	0.0010	01/30/24 19:36	
Potassium, Dissolved	mg/L	<0.24	0.79	01/30/24 19:36	
Sodium, Dissolved	mg/L	<0.042	0.25	01/30/24 19:36	

LABORATORY CONTROL SAMPLE: 2669276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	102	80-120	
Calcium, Dissolved	mg/L	10	9.9	99	80-120	
Chromium, Dissolved	mg/L	0.25	0.26	102	80-120	
Iron, Dissolved	mg/L	10	10.2	102	80-120	
Lead, Dissolved	mg/L	0.25	0.26	103	80-120	
Magnesium, Dissolved	mg/L	10	10.3	103	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	102	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	102	80-120	
Potassium, Dissolved	mg/L	10	10.0	100	80-120	
Sodium, Dissolved	mg/L	10	10	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669277 2669278

Parameter	Units	40273470033 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	0.28	0.28	103	103	75-125	0	20	
Calcium, Dissolved	mg/L	463	10	10	485	478	221	148	75-125	2	20	P6
Chromium, Dissolved	mg/L	<0.051	0.25	0.25	0.30	0.30	108	109	75-125	1	20	
Iron, Dissolved	mg/L	80.7	10	10	93.0	91.7	123	109	75-125	1	20	
Lead, Dissolved	mg/L	<0.0024	0.25	0.25	0.27	0.26	106	106	75-125	1	20	
Magnesium, Dissolved	mg/L	210	10	10	221	220	115	106	75-125	0	20	
Manganese, Dissolved	mg/L	1.3	0.25	0.25	1.6	1.5	125	106	75-125	3	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: 60705270 KEP
Pace Project No.: 40273470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669277 2669278

Parameter	Units	40273470033 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	<0.014	0.25	0.25	0.30	0.31	115	117	75-125	2	20	
Potassium, Dissolved	mg/L	12.1J	10	10	21.7J	22.0J	96	100	75-125		20	
Sodium, Dissolved	mg/L	7420	10	10	7790	7600	3710	1840	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465536
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470033, 40273470034, 40273470035, 40273470036, 40273470037, 40273470038, 40273470039, 40273470040

METHOD BLANK: 2668842
Matrix: Water
Associated Lab Samples: 40273470033, 40273470034, 40273470035, 40273470036, 40273470037, 40273470038, 40273470039, 40273470040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/25/24 09:58	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/25/24 09:58	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/25/24 09:58	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/25/24 09:58	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/25/24 09:58	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/25/24 09:58	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/25/24 09:58	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/25/24 09:58	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/25/24 09:58	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/25/24 09:58	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/25/24 09:58	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/25/24 09:58	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/25/24 09:58	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/25/24 09:58	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/25/24 09:58	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/25/24 09:58	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/25/24 09:58	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/25/24 09:58	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/25/24 09:58	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/25/24 09:58	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/25/24 09:58	
2-Chlorotoluene	ug/L	<0.89	5.0	01/25/24 09:58	
4-Chlorotoluene	ug/L	<0.89	5.0	01/25/24 09:58	
Benzene	ug/L	<0.30	1.0	01/25/24 09:58	
Bromobenzene	ug/L	<0.36	1.0	01/25/24 09:58	
Bromochloromethane	ug/L	<0.36	1.0	01/25/24 09:58	
Bromodichloromethane	ug/L	<0.42	1.0	01/25/24 09:58	
Bromoform	ug/L	<0.43	1.0	01/25/24 09:58	
Bromomethane	ug/L	<1.2	5.0	01/25/24 09:58	
Carbon tetrachloride	ug/L	<0.37	1.0	01/25/24 09:58	
Chlorobenzene	ug/L	<0.86	1.0	01/25/24 09:58	
Chloroethane	ug/L	<1.4	5.0	01/25/24 09:58	
Chloroform	ug/L	<0.50	5.0	01/25/24 09:58	
Chloromethane	ug/L	<1.6	5.0	01/25/24 09:58	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/25/24 09:58	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/25/24 09:58	
Dibromochloromethane	ug/L	<2.6	5.0	01/25/24 09:58	
Dibromomethane	ug/L	<0.99	5.0	01/25/24 09:58	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/25/24 09:58	

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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: 60705270 KEP
Pace Project No.: 40273470

METHOD BLANK: 2668842 Matrix: Water

Associated Lab Samples: 40273470033, 40273470034, 40273470035, 40273470036, 40273470037, 40273470038, 40273470039, 40273470040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	01/25/24 09:58	
Ethylbenzene	ug/L	<0.33	1.0	01/25/24 09:58	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/25/24 09:58	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/25/24 09:58	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/25/24 09:58	
Methylene Chloride	ug/L	<0.32	5.0	01/25/24 09:58	
n-Butylbenzene	ug/L	<0.86	1.0	01/25/24 09:58	
n-Propylbenzene	ug/L	<0.35	1.0	01/25/24 09:58	
Naphthalene	ug/L	<1.9	5.0	01/25/24 09:58	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/25/24 09:58	
sec-Butylbenzene	ug/L	<0.42	1.0	01/25/24 09:58	
Styrene	ug/L	<0.36	1.0	01/25/24 09:58	
tert-Butylbenzene	ug/L	<0.59	1.0	01/25/24 09:58	
Tetrachloroethene	ug/L	<0.41	1.0	01/25/24 09:58	
Toluene	ug/L	<0.29	1.0	01/25/24 09:58	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/25/24 09:58	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/25/24 09:58	
Trichloroethene	ug/L	<0.32	1.0	01/25/24 09:58	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/25/24 09:58	
Vinyl chloride	ug/L	<0.17	1.0	01/25/24 09:58	
Xylene (Total)	ug/L	<1.0	3.0	01/25/24 09:58	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	01/25/24 09:58	
4-Bromofluorobenzene (S)	%	109	70-130	01/25/24 09:58	
Toluene-d8 (S)	%	104	70-130	01/25/24 09:58	

LABORATORY CONTROL SAMPLE: 2668843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.9	94	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	59.6	119	70-130	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	50.6	101	73-140	
1,2,4-Trichlorobenzene	ug/L	50	49.1	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.6	115	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.5	97	70-130	
1,2-Dichlorobenzene	ug/L	50	53.1	106	70-130	
1,2-Dichloroethane	ug/L	50	56.6	113	70-130	
1,2-Dichloropropane	ug/L	50	53.9	108	77-127	
1,3-Dichlorobenzene	ug/L	50	52.6	105	70-130	
1,4-Dichlorobenzene	ug/L	50	52.7	105	70-130	
Benzene	ug/L	50	49.2	98	70-130	
Bromodichloromethane	ug/L	50	51.9	104	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: 60705270 KEP
Pace Project No.: 40273470

LABORATORY CONTROL SAMPLE: 2668843

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	44.0	88	70-130	
Bromomethane	ug/L	50	47.5	95	22-141	
Carbon tetrachloride	ug/L	50	42.2	84	70-135	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	48.3	97	59-141	
Chloroform	ug/L	50	48.5	97	80-124	
Chloromethane	ug/L	50	30.1	60	29-150	
cis-1,2-Dichloroethene	ug/L	50	44.8	90	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Dibromochloromethane	ug/L	50	48.3	97	70-130	
Dichlorodifluoromethane	ug/L	50	11.3	23	10-147	
Ethylbenzene	ug/L	50	55.2	110	80-125	
Isopropylbenzene (Cumene)	ug/L	50	56.7	113	70-130	
Methyl-tert-butyl ether	ug/L	50	43.2	86	64-131	
Methylene Chloride	ug/L	50	43.6	87	70-137	
Styrene	ug/L	50	58.6	117	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
Toluene	ug/L	50	53.3	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	42.3	85	70-131	
trans-1,3-Dichloropropene	ug/L	50	55.6	111	70-130	
Trichloroethene	ug/L	50	49.5	99	70-130	
Trichlorofluoromethane	ug/L	50	51.7	103	69-141	
Vinyl chloride	ug/L	50	34.3	69	51-145	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			116	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669379 2669380

Parameter	Units	40273470039 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	50.0	51.0	100	102	70-132	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	57.0	58.2	114	116	70-131	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.8	51.6	102	103	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.9	53.0	106	106	70-131	0	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	60.0	61.5	120	123	69-146	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.3	49.5	97	99	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	58.4	64.1	117	128	56-130	9	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.8	50.8	96	102	70-130	6	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.9	51.6	98	103	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	54.8	60.8	110	122	70-130	10	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	56.1	57.6	112	115	77-129	3	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.0	52.3	102	105	70-130	3	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: 60705270 KEP
Pace Project No.: 40273470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669379 2669380

Parameter	Units	40273470039 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	50.2	51.2	100	102	70-130	2	20	
Benzene	ug/L	0.72J	50	50	51.9	54.0	102	107	70-130	4	20	
Bromodichloromethane	ug/L	<0.42	50	50	51.6	54.9	103	110	70-130	6	20	
Bromoform	ug/L	<0.43	50	50	48.3	50.2	97	100	70-130	4	20	
Bromomethane	ug/L	<1.2	50	50	72.6	78.6	145	157	12-159	8	26	
Carbon tetrachloride	ug/L	<0.37	50	50	44.5	45.7	89	91	70-135	3	20	
Chlorobenzene	ug/L	<0.86	50	50	51.0	53.4	102	107	70-130	5	20	
Chloroethane	ug/L	<1.4	50	50	60.1	64.4	120	129	56-143	7	20	
Chloroform	ug/L	<0.50	50	50	49.8	51.0	100	102	80-126	2	20	
Chloromethane	ug/L	<1.6	50	50	63.0	66.3	126	133	22-156	5	20	
cis-1,2-Dichloroethene	ug/L	1.5	50	50	48.7	50.9	94	99	70-130	4	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	48.9	54.2	98	108	70-130	10	20	
Dibromochloromethane	ug/L	<2.6	50	50	45.9	48.9	92	98	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	62.7	64.9	125	130	10-147	4	20	
Ethylbenzene	ug/L	<0.33	50	50	56.7	57.9	113	116	80-126	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	57.6	59.4	115	119	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	42.3	43.7	85	87	64-136	3	20	
Methylene Chloride	ug/L	<0.32	50	50	46.9	48.8	94	98	70-137	4	20	
Styrene	ug/L	<0.36	50	50	58.7	60.7	117	121	70-133	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	49.3	50.6	99	101	70-131	3	20	
Toluene	ug/L	0.32J	50	50	53.4	53.3	106	106	80-121	0	20	
trans-1,2-Dichloroethene	ug/L	1.5	50	50	48.5	50.4	94	98	70-135	4	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	53.9	56.8	108	114	70-130	5	20	
Trichloroethene	ug/L	<0.32	50	50	51.6	53.8	103	108	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	65.9	66.1	132	132	67-142	0	20	
Vinyl chloride	ug/L	9.5	50	50	67.8	72.4	117	126	45-147	7	20	
Xylene (Total)	ug/L	<1.0	150	150	166	173	111	115	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						101	98	70-130			
4-Bromofluorobenzene (S)	%						114	112	70-130			
Toluene-d8 (S)	%						104	103	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465595
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470001, 40273470002, 40273470003, 40273470004, 40273470005, 40273470006, 40273470007, 40273470008, 40273470009, 40273470010

METHOD BLANK: 2669267
Matrix: Water
Associated Lab Samples: 40273470001, 40273470002, 40273470003, 40273470004, 40273470005, 40273470006, 40273470007, 40273470008, 40273470009, 40273470010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/25/24 10:52	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/25/24 10:52	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/25/24 10:52	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/25/24 10:52	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/25/24 10:52	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/25/24 10:52	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/25/24 10:52	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/25/24 10:52	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/25/24 10:52	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/25/24 10:52	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/25/24 10:52	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/25/24 10:52	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/25/24 10:52	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/25/24 10:52	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/25/24 10:52	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/25/24 10:52	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/25/24 10:52	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/25/24 10:52	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/25/24 10:52	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/25/24 10:52	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/25/24 10:52	
2-Chlorotoluene	ug/L	<0.89	5.0	01/25/24 10:52	
4-Chlorotoluene	ug/L	<0.89	5.0	01/25/24 10:52	
Benzene	ug/L	<0.30	1.0	01/25/24 10:52	
Bromobenzene	ug/L	<0.36	1.0	01/25/24 10:52	
Bromochloromethane	ug/L	<0.36	1.0	01/25/24 10:52	
Bromodichloromethane	ug/L	<0.42	1.0	01/25/24 10:52	
Bromoform	ug/L	<0.43	1.0	01/25/24 10:52	
Bromomethane	ug/L	<1.2	5.0	01/25/24 10:52	
Carbon tetrachloride	ug/L	<0.37	1.0	01/25/24 10:52	
Chlorobenzene	ug/L	<0.86	1.0	01/25/24 10:52	
Chloroethane	ug/L	<1.4	5.0	01/25/24 10:52	
Chloroform	ug/L	<0.50	5.0	01/25/24 10:52	
Chloromethane	ug/L	<1.6	5.0	01/25/24 10:52	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/25/24 10:52	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/25/24 10:52	
Dibromochloromethane	ug/L	<2.6	5.0	01/25/24 10:52	
Dibromomethane	ug/L	<0.99	5.0	01/25/24 10:52	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/25/24 10:52	

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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: 60705270 KEP
Pace Project No.: 40273470

METHOD BLANK: 2669267 Matrix: Water

Associated Lab Samples: 40273470001, 40273470002, 40273470003, 40273470004, 40273470005, 40273470006, 40273470007, 40273470008, 40273470009, 40273470010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	01/25/24 10:52	
Ethylbenzene	ug/L	<0.33	1.0	01/25/24 10:52	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/25/24 10:52	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/25/24 10:52	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/25/24 10:52	
Methylene Chloride	ug/L	<0.32	5.0	01/25/24 10:52	
n-Butylbenzene	ug/L	<0.86	1.0	01/25/24 10:52	
n-Propylbenzene	ug/L	<0.35	1.0	01/25/24 10:52	
Naphthalene	ug/L	<1.9	5.0	01/25/24 10:52	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/25/24 10:52	
sec-Butylbenzene	ug/L	<0.42	1.0	01/25/24 10:52	
Styrene	ug/L	<0.36	1.0	01/25/24 10:52	
tert-Butylbenzene	ug/L	<0.59	1.0	01/25/24 10:52	
Tetrachloroethene	ug/L	<0.41	1.0	01/25/24 10:52	
Toluene	ug/L	<0.29	1.0	01/25/24 10:52	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/25/24 10:52	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/25/24 10:52	
Trichloroethene	ug/L	<0.32	1.0	01/25/24 10:52	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/25/24 10:52	
Vinyl chloride	ug/L	<0.17	1.0	01/25/24 10:52	
Xylene (Total)	ug/L	<1.0	3.0	01/25/24 10:52	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	01/25/24 10:52	
4-Bromofluorobenzene (S)	%	99	70-130	01/25/24 10:52	
Toluene-d8 (S)	%	104	70-130	01/25/24 10:52	

LABORATORY CONTROL SAMPLE: 2669268

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.9	106	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	41.9	84	70-130	
1,1,2-Trichloroethane	ug/L	50	47.7	95	70-130	
1,1-Dichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethene	ug/L	50	54.1	108	73-140	
1,2,4-Trichlorobenzene	ug/L	50	43.2	86	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.6	77	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.6	95	70-130	
1,2-Dichlorobenzene	ug/L	50	46.3	93	70-130	
1,2-Dichloroethane	ug/L	50	48.4	97	70-130	
1,2-Dichloropropane	ug/L	50	51.4	103	77-127	
1,3-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,4-Dichlorobenzene	ug/L	50	48.2	96	70-130	
Benzene	ug/L	50	50.9	102	70-130	
Bromodichloromethane	ug/L	50	53.4	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: 60705270 KEP
Pace Project No.: 40273470

LABORATORY CONTROL SAMPLE: 2669268

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	44.4	89	70-130	
Bromomethane	ug/L	50	44.1	88	22-141	
Carbon tetrachloride	ug/L	50	53.5	107	70-135	
Chlorobenzene	ug/L	50	51.0	102	70-130	
Chloroethane	ug/L	50	51.2	102	59-141	
Chloroform	ug/L	50	53.1	106	80-124	
Chloromethane	ug/L	50	47.3	95	29-150	
cis-1,2-Dichloroethene	ug/L	50	52.0	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dichlorodifluoromethane	ug/L	50	52.6	105	10-147	
Ethylbenzene	ug/L	50	52.6	105	80-125	
Isopropylbenzene (Cumene)	ug/L	50	51.5	103	70-130	
Methyl-tert-butyl ether	ug/L	50	50.2	100	64-131	
Methylene Chloride	ug/L	50	56.0	112	70-137	
Styrene	ug/L	50	52.5	105	70-130	
Tetrachloroethene	ug/L	50	51.3	103	70-130	
Toluene	ug/L	50	50.5	101	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.2	108	70-131	
trans-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	
Trichloroethene	ug/L	50	50.5	101	70-130	
Trichlorofluoromethane	ug/L	50	53.5	107	69-141	
Vinyl chloride	ug/L	50	49.8	100	51-145	
Xylene (Total)	ug/L	150	156	104	70-130	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669381 2669382

Parameter	Units	40273470002 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	51.8	52.3	104	105	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	42.2	44.7	84	89	70-131	6	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	48.3	48.9	97	98	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	50.5	50.4	101	101	70-131	0	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	54.3	52.6	109	105	69-146	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	45.2	42.8	90	86	70-130	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	41.0	40.7	82	81	56-130	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.7	48.9	95	98	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	45.9	47.1	92	94	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	48.6	49.4	97	99	70-130	2	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	50.8	50.9	102	102	77-129	0	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	49.6	51.7	99	103	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: 60705270 KEP
Pace Project No.: 40273470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669381 2669382

Parameter	Units	40273470002 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	46.4	48.3	93	97	70-130	4	20	
Benzene	ug/L	<0.30	50	50	51.2	50.2	102	100	70-130	2	20	
Bromodichloromethane	ug/L	<0.42	50	50	52.9	54.6	106	109	70-130	3	20	
Bromoform	ug/L	<0.43	50	50	46.3	45.8	93	92	70-130	1	20	
Bromomethane	ug/L	<1.2	50	50	49.4	44.8	99	90	12-159	10	26	
Carbon tetrachloride	ug/L	<0.37	50	50	53.1	53.0	106	106	70-135	0	20	
Chlorobenzene	ug/L	<0.86	50	50	49.5	50.1	99	100	70-130	1	20	
Chloroethane	ug/L	<1.4	50	50	52.8	47.5	106	95	56-143	10	20	
Chloroform	ug/L	<0.50	50	50	52.9	53.5	106	107	80-126	1	20	
Chloromethane	ug/L	<1.6	50	50	52.6	47.8	105	96	22-156	9	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.7	52.0	101	104	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	51.4	52.0	103	104	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	49.1	50.6	98	101	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	55.9	52.9	112	106	10-147	6	20	
Ethylbenzene	ug/L	<0.33	50	50	51.5	52.0	103	104	80-126	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.6	51.5	103	103	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	52.8	53.1	106	106	64-136	1	20	
Methylene Chloride	ug/L	<0.32	50	50	56.5	57.0	113	114	70-137	1	20	
Styrene	ug/L	<0.36	50	50	52.6	52.7	105	105	70-133	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.1	50.2	100	100	70-131	0	20	
Toluene	ug/L	<0.29	50	50	48.8	50.9	98	102	80-121	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	54.4	54.4	109	109	70-135	0	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	50.5	50.9	101	102	70-130	1	20	
Trichloroethene	ug/L	<0.32	50	50	50.4	50.5	101	101	70-130	0	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	54.0	53.4	108	107	67-142	1	20	
Vinyl chloride	ug/L	<0.17	50	50	52.5	50.1	105	100	45-147	5	20	
Xylene (Total)	ug/L	<1.0	150	150	155	153	103	102	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						97	97	70-130			
4-Bromofluorobenzene (S)	%						96	98	70-130			
Toluene-d8 (S)	%						104	105	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465596
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470013, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470024, 40273470025, 40273470026, 40273470027, 40273470028, 40273470031, 40273470032

METHOD BLANK: 2669269
Matrix: Water
Associated Lab Samples: 40273470013, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470024, 40273470025, 40273470026, 40273470027, 40273470028, 40273470031, 40273470032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/25/24 11:39	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/25/24 11:39	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/25/24 11:39	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/25/24 11:39	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/25/24 11:39	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/25/24 11:39	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/25/24 11:39	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/25/24 11:39	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/25/24 11:39	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/25/24 11:39	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/25/24 11:39	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/25/24 11:39	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/25/24 11:39	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/25/24 11:39	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/25/24 11:39	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/25/24 11:39	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/25/24 11:39	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/25/24 11:39	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/25/24 11:39	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/25/24 11:39	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/25/24 11:39	
2-Chlorotoluene	ug/L	<0.89	5.0	01/25/24 11:39	
4-Chlorotoluene	ug/L	<0.89	5.0	01/25/24 11:39	
Benzene	ug/L	<0.30	1.0	01/25/24 11:39	
Bromobenzene	ug/L	<0.36	1.0	01/25/24 11:39	
Bromochloromethane	ug/L	<0.36	1.0	01/25/24 11:39	
Bromodichloromethane	ug/L	<0.42	1.0	01/25/24 11:39	
Bromoform	ug/L	<0.43	1.0	01/25/24 11:39	
Bromomethane	ug/L	<1.2	5.0	01/25/24 11:39	
Carbon tetrachloride	ug/L	<0.37	1.0	01/25/24 11:39	
Chlorobenzene	ug/L	<0.86	1.0	01/25/24 11:39	
Chloroethane	ug/L	<1.4	5.0	01/25/24 11:39	
Chloroform	ug/L	<0.50	5.0	01/25/24 11:39	
Chloromethane	ug/L	<1.6	5.0	01/25/24 11:39	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/25/24 11:39	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/25/24 11:39	
Dibromochloromethane	ug/L	<2.6	5.0	01/25/24 11:39	

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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: 60705270 KEP
Pace Project No.: 40273470

METHOD BLANK: 2669269 Matrix: Water

Associated Lab Samples: 40273470013, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470024, 40273470025, 40273470026, 40273470027, 40273470028, 40273470031, 40273470032

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	<0.99	5.0	01/25/24 11:39	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/25/24 11:39	
Diisopropyl ether	ug/L	<1.1	5.0	01/25/24 11:39	
Ethylbenzene	ug/L	<0.33	1.0	01/25/24 11:39	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/25/24 11:39	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/25/24 11:39	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/25/24 11:39	
Methylene Chloride	ug/L	<0.32	5.0	01/25/24 11:39	
n-Butylbenzene	ug/L	<0.86	1.0	01/25/24 11:39	
n-Propylbenzene	ug/L	<0.35	1.0	01/25/24 11:39	
Naphthalene	ug/L	<1.9	5.0	01/25/24 11:39	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/25/24 11:39	
sec-Butylbenzene	ug/L	<0.42	1.0	01/25/24 11:39	
Styrene	ug/L	<0.36	1.0	01/25/24 11:39	
tert-Butylbenzene	ug/L	<0.59	1.0	01/25/24 11:39	
Tetrachloroethene	ug/L	<0.41	1.0	01/25/24 11:39	
Toluene	ug/L	<0.29	1.0	01/25/24 11:39	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/25/24 11:39	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/25/24 11:39	
Trichloroethene	ug/L	<0.32	1.0	01/25/24 11:39	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/25/24 11:39	
Vinyl chloride	ug/L	<0.17	1.0	01/25/24 11:39	
Xylene (Total)	ug/L	<1.0	3.0	01/25/24 11:39	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	01/25/24 11:39	
4-Bromofluorobenzene (S)	%	108	70-130	01/25/24 11:39	
Toluene-d8 (S)	%	105	70-130	01/25/24 11:39	

LABORATORY CONTROL SAMPLE: 2669270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	53.9	108	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	50.9	102	70-130	
1,1,2-Trichloroethane	ug/L	50	45.6	91	70-130	
1,1-Dichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethene	ug/L	50	55.2	110	73-140	
1,2,4-Trichlorobenzene	ug/L	50	45.6	91	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.4	109	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	46.1	92	70-130	
1,2-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	50.4	101	77-127	
1,3-Dichlorobenzene	ug/L	50	49.3	99	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: 60705270 KEP
Pace Project No.: 40273470

LABORATORY CONTROL SAMPLE: 2669270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	47.1	94	70-130	
Benzene	ug/L	50	49.7	99	70-130	
Bromodichloromethane	ug/L	50	50.4	101	70-130	
Bromoform	ug/L	50	45.3	91	70-130	
Bromomethane	ug/L	50	48.6	97	22-141	
Carbon tetrachloride	ug/L	50	49.5	99	70-135	
Chlorobenzene	ug/L	50	47.4	95	70-130	
Chloroethane	ug/L	50	57.2	114	59-141	
Chloroform	ug/L	50	53.6	107	80-124	
Chloromethane	ug/L	50	62.8	126	29-150	
cis-1,2-Dichloroethene	ug/L	50	50.7	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.8	100	70-130	
Dibromochloromethane	ug/L	50	44.8	90	70-130	
Dichlorodifluoromethane	ug/L	50	64.1	128	10-147	
Ethylbenzene	ug/L	50	48.9	98	80-125	
Isopropylbenzene (Cumene)	ug/L	50	47.5	95	70-130	
Methyl-tert-butyl ether	ug/L	50	49.4	99	64-131	
Methylene Chloride	ug/L	50	52.9	106	70-137	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	48.0	96	70-130	
Toluene	ug/L	50	49.5	99	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.4	103	70-131	
trans-1,3-Dichloropropene	ug/L	50	46.8	94	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	58.3	117	69-141	
Vinyl chloride	ug/L	50	55.3	111	51-145	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669335 2669336

Parameter	Units	40273470016 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	48.3	50.6	97	101	70-132	5	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50.5	54.4	101	109	70-131	8	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	45.8	48.7	92	97	70-130	6	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	46.5	48.8	93	98	70-131	5	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	40.6	42.4	81	85	69-146	4	20	
1,2,4-Trichlorobenzene	ug/L	1.3J	50	50	11.1	11.6	20	21	70-130	4	20	M1
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	52.7	57.6	105	115	56-130	9	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	46.8	50.2	94	100	70-130	7	20	
1,2-Dichlorobenzene	ug/L	0.75J	50	50	32.0	34.8	62	68	70-130	9	20	M1

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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: 60705270 KEP
Pace Project No.: 40273470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669335 2669336

Parameter	Units	40273470016 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	49.5	52.1	99	104	70-130	5	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	47.7	49.8	95	100	77-129	4	20	
1,3-Dichlorobenzene	ug/L	0.83J	50	50	32.4	36.0	63	70	70-130	11	20	M1
1,4-Dichlorobenzene	ug/L	<0.89	50	50	31.8	35.5	64	71	70-130	11	20	M1
Benzene	ug/L	<0.30	50	50	45.5	48.0	91	96	70-130	5	20	
Bromodichloromethane	ug/L	<0.42	50	50	47.5	50.9	95	102	70-130	7	20	
Bromoform	ug/L	<0.43	50	50	45.0	46.3	90	93	70-130	3	20	
Bromomethane	ug/L	<1.2	50	50	29.5	29.6	59	59	12-159	0	26	
Carbon tetrachloride	ug/L	<0.37	50	50	43.8	45.8	88	92	70-135	4	20	
Chlorobenzene	ug/L	<0.86	50	50	45.1	47.4	90	95	70-130	5	20	
Chloroethane	ug/L	<1.4	50	50	36.1	36.5	72	73	56-143	1	20	
Chloroform	ug/L	<0.50	50	50	49.3	52.3	99	105	80-126	6	20	
Chloromethane	ug/L	<1.6	50	50	22.3	21.2	45	42	22-156	5	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	46.1	48.2	92	96	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	47.1	50.7	94	101	70-130	8	20	
Dibromochloromethane	ug/L	<2.6	50	50	43.9	46.4	88	93	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	7.3	6.8	15	14	10-147	7	20	
Ethylbenzene	ug/L	<0.33	50	50	43.4	46.0	87	92	80-126	6	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	35.2	37.3	70	75	70-130	6	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	44.5	46.7	89	93	64-136	5	20	
Methylene Chloride	ug/L	<0.32	50	50	45.8	48.2	92	96	70-137	5	20	
Styrene	ug/L	<0.36	50	50	42.2	44.8	84	90	70-133	6	20	
Tetrachloroethene	ug/L	<0.41	50	50	42.6	45.3	85	91	70-131	6	20	
Toluene	ug/L	<0.29	50	50	46.8	48.8	94	98	80-121	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	43.3	46.8	87	94	70-135	8	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	45.1	48.5	90	97	70-130	7	20	
Trichloroethene	ug/L	<0.32	50	50	44.2	47.0	88	94	70-130	6	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	39.3	39.9	79	80	67-142	2	20	
Vinyl chloride	ug/L	<0.17	50	50	25.8	25.5	52	51	45-147	1	20	
Xylene (Total)	ug/L	<1.0	150	150	122	129	81	86	70-130	6	20	
1,2-Dichlorobenzene-d4 (S)	%						101	100	70-130			
4-Bromofluorobenzene (S)	%						105	106	70-130			
Toluene-d8 (S)	%						104	103	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465687
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470041, 40273470042, 40273470043

METHOD BLANK: 2669740 Matrix: Water
Associated Lab Samples: 40273470041, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/26/24 10:17	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/26/24 10:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/26/24 10:17	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/26/24 10:17	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/26/24 10:17	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/26/24 10:17	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/26/24 10:17	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/26/24 10:17	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/26/24 10:17	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/26/24 10:17	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/26/24 10:17	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/26/24 10:17	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/26/24 10:17	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/26/24 10:17	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/26/24 10:17	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/26/24 10:17	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/26/24 10:17	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/26/24 10:17	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/26/24 10:17	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/26/24 10:17	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/26/24 10:17	
2-Chlorotoluene	ug/L	<0.89	5.0	01/26/24 10:17	
4-Chlorotoluene	ug/L	<0.89	5.0	01/26/24 10:17	
Benzene	ug/L	<0.30	1.0	01/26/24 10:17	
Bromobenzene	ug/L	<0.36	1.0	01/26/24 10:17	
Bromochloromethane	ug/L	<0.36	1.0	01/26/24 10:17	
Bromodichloromethane	ug/L	<0.42	1.0	01/26/24 10:17	
Bromoform	ug/L	<0.43	1.0	01/26/24 10:17	
Bromomethane	ug/L	<1.2	5.0	01/26/24 10:17	
Carbon tetrachloride	ug/L	<0.37	1.0	01/26/24 10:17	
Chlorobenzene	ug/L	<0.86	1.0	01/26/24 10:17	
Chloroethane	ug/L	<1.4	5.0	01/26/24 10:17	
Chloroform	ug/L	<0.50	5.0	01/26/24 10:17	
Chloromethane	ug/L	<1.6	5.0	01/26/24 10:17	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/26/24 10:17	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/26/24 10:17	
Dibromochloromethane	ug/L	<2.6	5.0	01/26/24 10:17	
Dibromomethane	ug/L	<0.99	5.0	01/26/24 10:17	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/26/24 10:17	
Diisopropyl ether	ug/L	<1.1	5.0	01/26/24 10:17	

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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: 60705270 KEP
Pace Project No.: 40273470

METHOD BLANK: 2669740 Matrix: Water
Associated Lab Samples: 40273470041, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	01/26/24 10:17	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/26/24 10:17	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/26/24 10:17	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/26/24 10:17	
Methylene Chloride	ug/L	<0.32	5.0	01/26/24 10:17	
n-Butylbenzene	ug/L	<0.86	1.0	01/26/24 10:17	
n-Propylbenzene	ug/L	<0.35	1.0	01/26/24 10:17	
Naphthalene	ug/L	<1.9	5.0	01/26/24 10:17	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/26/24 10:17	
sec-Butylbenzene	ug/L	<0.42	1.0	01/26/24 10:17	
Styrene	ug/L	<0.36	1.0	01/26/24 10:17	
tert-Butylbenzene	ug/L	<0.59	1.0	01/26/24 10:17	
Tetrachloroethene	ug/L	<0.41	1.0	01/26/24 10:17	
Toluene	ug/L	<0.29	1.0	01/26/24 10:17	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/26/24 10:17	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/26/24 10:17	
Trichloroethene	ug/L	<0.32	1.0	01/26/24 10:17	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/26/24 10:17	
Vinyl chloride	ug/L	<0.17	1.0	01/26/24 10:17	
Xylene (Total)	ug/L	<1.0	3.0	01/26/24 10:17	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	01/26/24 10:17	
4-Bromofluorobenzene (S)	%	107	70-130	01/26/24 10:17	
Toluene-d8 (S)	%	105	70-130	01/26/24 10:17	

LABORATORY CONTROL SAMPLE: 2669741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.8	96	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	56.5	113	70-130	
1,1,2-Trichloroethane	ug/L	50	53.6	107	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	62.4	125	73-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.4	99	70-130	
1,2-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dichloroethane	ug/L	50	58.8	118	70-130	
1,2-Dichloropropane	ug/L	50	60.4	121	77-127	
1,3-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,4-Dichlorobenzene	ug/L	50	52.5	105	70-130	
Benzene	ug/L	50	52.8	106	70-130	
Bromodichloromethane	ug/L	50	56.4	113	70-130	
Bromoform	ug/L	50	41.4	83	70-130	
Bromomethane	ug/L	50	72.4	145	22-141	L1

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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: 60705270 KEP
Pace Project No.: 40273470

LABORATORY CONTROL SAMPLE: 2669741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	43.0	86	70-135	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	65.8	132	59-141	
Chloroform	ug/L	50	50.9	102	80-124	
Chloromethane	ug/L	50	62.8	126	29-150	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	70-130	
Dibromochloromethane	ug/L	50	45.5	91	70-130	
Dichlorodifluoromethane	ug/L	50	53.5	107	10-147	
Ethylbenzene	ug/L	50	57.3	115	80-125	
Isopropylbenzene (Cumene)	ug/L	50	56.0	112	70-130	
Methyl-tert-butyl ether	ug/L	50	43.4	87	64-131	
Methylene Chloride	ug/L	50	48.3	97	70-137	
Styrene	ug/L	50	60.3	121	70-130	
Tetrachloroethene	ug/L	50	49.9	100	70-130	
Toluene	ug/L	50	54.6	109	80-120	
trans-1,2-Dichloroethene	ug/L	50	47.9	96	70-131	
trans-1,3-Dichloropropene	ug/L	50	53.0	106	70-130	
Trichloroethene	ug/L	50	52.5	105	70-130	
Trichlorofluoromethane	ug/L	50	69.6	139	69-141	
Vinyl chloride	ug/L	50	62.7	125	51-145	
Xylene (Total)	ug/L	150	169	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Toluene-d8 (S)	%			104	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465799
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470011, 40273470012, 40273470014, 40273470029, 40273470030

METHOD BLANK: 2670554 Matrix: Water
Associated Lab Samples: 40273470011, 40273470012, 40273470014, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/29/24 10:30	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/29/24 10:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/29/24 10:30	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/29/24 10:30	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/29/24 10:30	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/29/24 10:30	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/29/24 10:30	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/29/24 10:30	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/29/24 10:30	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/29/24 10:30	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/29/24 10:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/29/24 10:30	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/29/24 10:30	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/29/24 10:30	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/29/24 10:30	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/29/24 10:30	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/29/24 10:30	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/29/24 10:30	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/29/24 10:30	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/29/24 10:30	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/29/24 10:30	
2-Chlorotoluene	ug/L	<0.89	5.0	01/29/24 10:30	
4-Chlorotoluene	ug/L	<0.89	5.0	01/29/24 10:30	
Benzene	ug/L	<0.30	1.0	01/29/24 10:30	
Bromobenzene	ug/L	<0.36	1.0	01/29/24 10:30	
Bromochloromethane	ug/L	<0.36	1.0	01/29/24 10:30	
Bromodichloromethane	ug/L	<0.42	1.0	01/29/24 10:30	
Bromoform	ug/L	<0.43	1.0	01/29/24 10:30	
Bromomethane	ug/L	<1.2	5.0	01/29/24 10:30	
Carbon tetrachloride	ug/L	<0.37	1.0	01/29/24 10:30	
Chlorobenzene	ug/L	<0.86	1.0	01/29/24 10:30	
Chloroethane	ug/L	<1.4	5.0	01/29/24 10:30	
Chloroform	ug/L	<0.50	5.0	01/29/24 10:30	
Chloromethane	ug/L	<1.6	5.0	01/29/24 10:30	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/29/24 10:30	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/29/24 10:30	
Dibromochloromethane	ug/L	<2.6	5.0	01/29/24 10:30	
Dibromomethane	ug/L	<0.99	5.0	01/29/24 10:30	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/29/24 10:30	
Diisopropyl ether	ug/L	<1.1	5.0	01/29/24 10:30	

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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: 60705270 KEP
Pace Project No.: 40273470

METHOD BLANK: 2670554 Matrix: Water
Associated Lab Samples: 40273470011, 40273470012, 40273470014, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	01/29/24 10:30	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/29/24 10:30	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/29/24 10:30	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/29/24 10:30	
Methylene Chloride	ug/L	<0.32	5.0	01/29/24 10:30	
n-Butylbenzene	ug/L	<0.86	1.0	01/29/24 10:30	
n-Propylbenzene	ug/L	<0.35	1.0	01/29/24 10:30	
Naphthalene	ug/L	<1.9	5.0	01/29/24 10:30	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/29/24 10:30	
sec-Butylbenzene	ug/L	<0.42	1.0	01/29/24 10:30	
Styrene	ug/L	<0.36	1.0	01/29/24 10:30	
tert-Butylbenzene	ug/L	<0.59	1.0	01/29/24 10:30	
Tetrachloroethene	ug/L	<0.41	1.0	01/29/24 10:30	
Toluene	ug/L	<0.29	1.0	01/29/24 10:30	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/29/24 10:30	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/29/24 10:30	
Trichloroethene	ug/L	<0.32	1.0	01/29/24 10:30	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/29/24 10:30	
Vinyl chloride	ug/L	<0.17	1.0	01/29/24 10:30	
Xylene (Total)	ug/L	<1.0	3.0	01/29/24 10:30	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	01/29/24 10:30	
4-Bromofluorobenzene (S)	%	100	70-130	01/29/24 10:30	
Toluene-d8 (S)	%	104	70-130	01/29/24 10:30	

LABORATORY CONTROL SAMPLE: 2670555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.9	114	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	55.6	111	70-130	
1,1,2-Trichloroethane	ug/L	50	55.3	111	70-130	
1,1-Dichloroethane	ug/L	50	53.7	107	70-130	
1,1-Dichloroethene	ug/L	50	57.3	115	73-140	
1,2,4-Trichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.3	109	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	70-130	
1,2-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dichloroethane	ug/L	50	55.2	110	70-130	
1,2-Dichloropropane	ug/L	50	52.8	106	77-127	
1,3-Dichlorobenzene	ug/L	50	54.9	110	70-130	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-130	
Benzene	ug/L	50	53.4	107	70-130	
Bromodichloromethane	ug/L	50	57.4	115	70-130	
Bromoform	ug/L	50	55.3	111	70-130	
Bromomethane	ug/L	50	37.3	75	22-141	

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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: 60705270 KEP
Pace Project No.: 40273470

LABORATORY CONTROL SAMPLE: 2670555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	57.4	115	70-135	
Chlorobenzene	ug/L	50	54.2	108	70-130	
Chloroethane	ug/L	50	55.3	111	59-141	
Chloroform	ug/L	50	56.3	113	80-124	
Chloromethane	ug/L	50	48.1	96	29-150	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.4	109	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dichlorodifluoromethane	ug/L	50	50.2	100	10-147	
Ethylbenzene	ug/L	50	55.8	112	80-125	
Isopropylbenzene (Cumene)	ug/L	50	55.9	112	70-130	
Methyl-tert-butyl ether	ug/L	50	63.0	126	64-131	
Methylene Chloride	ug/L	50	58.5	117	70-137	
Styrene	ug/L	50	55.5	111	70-130	
Tetrachloroethene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	53.8	108	80-120	
trans-1,2-Dichloroethene	ug/L	50	57.3	115	70-131	
trans-1,3-Dichloropropene	ug/L	50	54.6	109	70-130	
Trichloroethene	ug/L	50	53.6	107	70-130	
Trichlorofluoromethane	ug/L	50	56.4	113	69-141	
Vinyl chloride	ug/L	50	50.2	100	51-145	
Xylene (Total)	ug/L	150	166	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670621 2670622

Parameter	Units	40273610001 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	54.0	54.3	108	109	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50.5	51.5	101	103	70-131	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.4	51.8	99	104	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.3	52.8	105	106	70-131	1	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	54.8	55.3	110	111	69-146	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.0	49.6	96	99	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50.4	51.9	101	104	56-130	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50.7	52.7	101	105	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.7	51.3	101	103	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	51.0	51.0	102	102	70-130	0	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	52.8	52.9	106	106	77-129	0	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.4	55.2	107	110	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.4	51.7	101	103	70-130	2	20	
Benzene	ug/L	<0.30	50	50	51.9	52.4	104	105	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: 60705270 KEP
Pace Project No.: 40273470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670621 2670622

Parameter	Units	40273610001 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	54.9	54.7	110	109	70-130	0	20	
Bromoform	ug/L	<0.43	50	50	48.9	51.0	98	102	70-130	4	20	
Bromomethane	ug/L	<1.2	50	50	42.5	45.3	85	91	12-159	6	26	
Carbon tetrachloride	ug/L	<0.37	50	50	54.8	55.2	110	110	70-135	1	20	
Chlorobenzene	ug/L	<0.86	50	50	51.1	52.4	102	105	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	55.4	53.1	111	106	56-143	4	20	
Chloroform	ug/L	<0.50	50	50	54.7	55.4	109	111	80-126	1	20	
Chloromethane	ug/L	<1.6	50	50	47.7	47.0	95	94	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.6	52.2	105	104	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	51.6	53.5	103	107	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.2	52.1	104	104	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	46.7	46.9	93	94	10-147	0	20	
Ethylbenzene	ug/L	<0.33	50	50	53.4	54.6	107	109	80-126	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.1	55.0	106	110	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	58.3	59.2	117	118	64-136	2	20	
Methylene Chloride	ug/L	<0.32	50	50	59.1	59.0	118	118	70-137	0	20	
Styrene	ug/L	<0.36	50	50	54.4	56.0	109	112	70-133	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.7	52.5	101	105	70-131	3	20	
Toluene	ug/L	<0.29	50	50	50.5	52.0	101	104	80-121	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	56.3	55.2	113	110	70-135	2	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	50.8	51.6	102	103	70-130	2	20	
Trichloroethene	ug/L	0.76J	50	50	52.0	53.1	102	105	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	54.7	54.9	109	110	67-142	0	20	
Vinyl chloride	ug/L	<0.17	50	50	49.8	49.2	100	98	45-147	1	20	
Xylene (Total)	ug/L	<1.0	150	150	158	164	105	110	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						99	100	70-130			
Toluene-d8 (S)	%						101	104	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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465621
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: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

METHOD BLANK: 2669373
Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	01/25/24 12:40	

LABORATORY CONTROL SAMPLE: 2669374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	46	47.2	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669375 2669376

Parameter	Units	40273470009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfide	mg/L	<1.2	46	46	40.4	43.6	88	95	80-120	8	10	

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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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465828
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: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2670667 Matrix: Water
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	01/29/24 12:21	

LABORATORY CONTROL SAMPLE: 2670668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	50.8	42.4	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670669 2670670

Parameter	Units	40273470031 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	50.8	50.8	45.2	42.0	89	83	80-120	7	10	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465580
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: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

METHOD BLANK: 2669113
Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	01/25/24 14:21	
Sulfate	mg/L	<0.44	2.0	01/25/24 14:21	

LABORATORY CONTROL SAMPLE: 2669114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.3	96	90-110	
Sulfate	mg/L	20	19.6	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669115 2669116

Parameter	Units	40273470009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	101	400	400	517	525	104	106	90-110	1	15	
Sulfate	mg/L	565	400	400	915	951	87	97	90-110	4	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669117 2669118

Parameter	Units	40273470030 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	287	400	400	702	701	104	103	90-110	0	15	
Sulfate	mg/L	298	400	400	695	694	99	99	90-110	0	15	

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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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465582
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: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2669126 Matrix: Water
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	01/25/24 16:40	
Sulfate	mg/L	<0.44	2.0	01/25/24 16:40	

LABORATORY CONTROL SAMPLE: 2669127

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	19.6	98	90-110	
Sulfate	mg/L	20	19.6	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669128 2669129

Parameter	Units	40273470031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	81.6	200	200	296	298	107	108	90-110	0	15	
Sulfate	mg/L	6.9J	200	200	219	219	106	106	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669130 2669131

Parameter	Units	40273473005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	674	400	400	1050	1030	93	90	90-110	1	15	
Sulfate	mg/L	449	400	400	848	838	100	97	90-110	1	15	

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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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465653
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: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

METHOD BLANK: 2669575 Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	01/25/24 13:11	

LABORATORY CONTROL SAMPLE: 2669576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	99.1	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669577 2669578

Parameter	Units	40273470009 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	412	200	200	611	609	100	99	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669579 2669580

Parameter	Units	40273470030 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	460	200	200	662	657	101	99	90-110	1	20	

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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: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465654
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: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2669581 Matrix: Water
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	01/25/24 13:44	

LABORATORY CONTROL SAMPLE: 2669582

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: 2669583 2669584

Parameter	Units	40273470031 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	401	500	500	905	915	101	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669585 2669586

Parameter	Units	40273516007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	102	100	100	195	194	93	92	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 466008
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: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

METHOD BLANK: 2671736 Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023, 40273470026, 40273470027, 40273470028, 40273470029, 40273470030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	01/31/24 05:28	

LABORATORY CONTROL SAMPLE: 2671737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	489	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671738 2671739

Parameter	Units	40273470009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	<15.5	526	526	519	524	97	98	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671740 2671741

Parameter	Units	40273470010 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	22.7J	526	526	531	526	97	96	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 466009
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: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2671742 Matrix: Water
Associated Lab Samples: 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	01/31/24 05:32	

LABORATORY CONTROL SAMPLE: 2671743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	500	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671744 2671745

Parameter	Units	40273470042 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chemical Oxygen Demand	mg/L	15.9J	526	526	558	547	103	101	90-110	2	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465675
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023

METHOD BLANK: 2669702 Matrix: Water
Associated Lab Samples: 40273470009, 40273470010, 40273470011, 40273470012, 40273470013, 40273470014, 40273470015, 40273470016, 40273470017, 40273470018, 40273470019, 40273470020, 40273470021, 40273470022, 40273470023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	01/29/24 07:02	

LABORATORY CONTROL SAMPLE: 2669703

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	11.3	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669704 2669705

Parameter	Units	40273277001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.7	6	6	6.0	6.0	73	73	80-120	0	10	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669706 2669707

Parameter	Units	40273277002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	1.8	12	12	11.5	11.5	81	81	80-120	0	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273470

QC Batch: 465779
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273470026, 40273470027, 40273470028, 40273470029, 40273470030, 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

METHOD BLANK: 2670490 Matrix: Water
Associated Lab Samples: 40273470026, 40273470027, 40273470028, 40273470029, 40273470030, 40273470031, 40273470032, 40273470033, 40273470034, 40273470035, 40273470036, 40273470038, 40273470039, 40273470042, 40273470043

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	01/30/24 13:14	

LABORATORY CONTROL SAMPLE: 2670491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	11.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670492 2670493

Parameter	Units	40273470026 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	14.3	36	36	45.4	46.9	86	91	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670494 2670495

Parameter	Units	40273470027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.7	6	6	8.1	8.3	92	94	80-120	2	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 60705270 KEP
Pace Project No.: 40273470

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 - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Detection of 1,2,4-trichlorobenzene was most likely the result of carryover from the MS/MSD analyzed prior the sample. Insufficient volume for re-analysis from a vial with out head space.
2q	Sample was received with headspace.
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.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470009	**MW-2110**	EPA 8015B Modified	465798		
40273470010	**PZ-2110**	EPA 8015B Modified	465798		
40273470011	**MW-2201**	EPA 8015B Modified	465798		
40273470012	**MW-2201D**	EPA 8015B Modified	465798		
40273470013	**MW-31**	EPA 8015B Modified	465798		
40273470014	**MW-2301**	EPA 8015B Modified	465798		
40273470015	**MW-2301D**	EPA 8015B Modified	465798		
40273470016	**PZ-2301**	EPA 8015B Modified	465798		
40273470017	**PZ-2301D**	EPA 8015B Modified	465798		
40273470018	**MW-2303**	EPA 8015B Modified	465798		
40273470019	**PZ-2303**	EPA 8015B Modified	465798		
40273470020	**MW-2114**	EPA 8015B Modified	465798		
40273470021	**PZ-2114**	EPA 8015B Modified	465798		
40273470022	**MW-2111**	EPA 8015B Modified	465798		
40273470023	**PZ-2111**	EPA 8015B Modified	465798		
40273470026	**MW-2112**	EPA 8015B Modified	465885		
40273470027	**PZ-2112**	EPA 8015B Modified	465885		
40273470028	**MW-2107**	EPA 8015B Modified	465885		
40273470029	**PZ-2107**	EPA 8015B Modified	465885		
40273470030	**MW-65R**	EPA 8015B Modified	465885		
40273470031	**MW-2101**	EPA 8015B Modified	465885		
40273470032	**MW-2103**	EPA 8015B Modified	465885		
40273470033	**PZ-2103**	EPA 8015B Modified	465885		
40273470034	**PZ-2101**	EPA 8015B Modified	465885		
40273470035	**MW-2103D**	EPA 8015B Modified	465885		
40273470036	**PZ-2103D**	EPA 8015B Modified	465885		
40273470038	**MW-2113**	EPA 8015B Modified	465885		
40273470039	**PZ-2113**	EPA 8015B Modified	465885		
40273470042	**MW-2106**	EPA 8015B Modified	465885		
40273470043	**MW-2102**	EPA 8015B Modified	465885		
40273470009	**MW-2110**	EPA 3010A	465589	EPA 6020B	465661
40273470010	**PZ-2110**	EPA 3010A	465589	EPA 6020B	465661
40273470011	**MW-2201**	EPA 3010A	465589	EPA 6020B	465661
40273470012	**MW-2201D**	EPA 3010A	465589	EPA 6020B	465661
40273470013	**MW-31**	EPA 3010A	465589	EPA 6020B	465661
40273470014	**MW-2301**	EPA 3010A	465589	EPA 6020B	465661
40273470015	**MW-2301D**	EPA 3010A	465589	EPA 6020B	465661
40273470016	**PZ-2301**	EPA 3010A	465589	EPA 6020B	465661
40273470017	**PZ-2301D**	EPA 3010A	465589	EPA 6020B	465661
40273470018	**MW-2303**	EPA 3010A	465589	EPA 6020B	465661
40273470019	**PZ-2303**	EPA 3010A	465589	EPA 6020B	465661
40273470020	**MW-2114**	EPA 3010A	465589	EPA 6020B	465661
40273470021	**PZ-2114**	EPA 3010A	465589	EPA 6020B	465661
40273470022	**MW-2111**	EPA 3010A	465589	EPA 6020B	465661
40273470023	**PZ-2111**	EPA 3010A	465589	EPA 6020B	465661
40273470026	**MW-2112**	EPA 3010A	465589	EPA 6020B	465661
40273470027	**PZ-2112**	EPA 3010A	465589	EPA 6020B	465661
40273470028	**MW-2107**	EPA 3010A	465589	EPA 6020B	465661

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470029	**PZ-2107**	EPA 3010A	465589	EPA 6020B	465661
40273470030	**MW-65R**	EPA 3010A	465589	EPA 6020B	465661
40273470031	**MW-2101**	EPA 3010A	465600	EPA 6020B	465755
40273470032	**MW-2103**	EPA 3010A	465600	EPA 6020B	465755
40273470033	**PZ-2103**	EPA 3010A	465600	EPA 6020B	465755
40273470034	**PZ-2101**	EPA 3010A	465600	EPA 6020B	465755
40273470035	**MW-2103D**	EPA 3010A	465600	EPA 6020B	465755
40273470036	**PZ-2103D**	EPA 3010A	465600	EPA 6020B	465755
40273470038	**MW-2113**	EPA 3010A	465600	EPA 6020B	465755
40273470039	**PZ-2113**	EPA 3010A	465600	EPA 6020B	465755
40273470042	**MW-2106**	EPA 3010A	465600	EPA 6020B	465755
40273470043	**MW-2102**	EPA 3010A	465600	EPA 6020B	465755
40273470009	**MW-2110**	EPA 3010A	465588	EPA 6020B	465660
40273470010	**PZ-2110**	EPA 3010A	465588	EPA 6020B	465660
40273470011	**MW-2201**	EPA 3010A	465588	EPA 6020B	465660
40273470012	**MW-2201D**	EPA 3010A	465588	EPA 6020B	465660
40273470013	**MW-31**	EPA 3010A	465588	EPA 6020B	465660
40273470014	**MW-2301**	EPA 3010A	465588	EPA 6020B	465660
40273470015	**MW-2301D**	EPA 3010A	465588	EPA 6020B	465660
40273470016	**PZ-2301**	EPA 3010A	465588	EPA 6020B	465660
40273470017	**PZ-2301D**	EPA 3010A	465588	EPA 6020B	465660
40273470018	**MW-2303**	EPA 3010A	465588	EPA 6020B	465660
40273470019	**PZ-2303**	EPA 3010A	465588	EPA 6020B	465660
40273470020	**MW-2114**	EPA 3010A	465588	EPA 6020B	465660
40273470021	**PZ-2114**	EPA 3010A	465588	EPA 6020B	465660
40273470022	**MW-2111**	EPA 3010A	465588	EPA 6020B	465660
40273470023	**PZ-2111**	EPA 3010A	465588	EPA 6020B	465660
40273470026	**MW-2112**	EPA 3010A	465588	EPA 6020B	465660
40273470027	**PZ-2112**	EPA 3010A	465588	EPA 6020B	465660
40273470028	**MW-2107**	EPA 3010A	465588	EPA 6020B	465660
40273470029	**PZ-2107**	EPA 3010A	465588	EPA 6020B	465660
40273470030	**MW-65R**	EPA 3010A	465588	EPA 6020B	465660
40273470031	**MW-2101**	EPA 3010A	465599	EPA 6020B	465753
40273470032	**MW-2103**	EPA 3010A	465599	EPA 6020B	465753
40273470033	**PZ-2103**	EPA 3010A	465599	EPA 6020B	465753
40273470034	**PZ-2101**	EPA 3010A	465599	EPA 6020B	465753
40273470035	**MW-2103D**	EPA 3010A	465599	EPA 6020B	465753
40273470036	**PZ-2103D**	EPA 3010A	465599	EPA 6020B	465753
40273470038	**MW-2113**	EPA 3010A	465599	EPA 6020B	465753
40273470039	**PZ-2113**	EPA 3010A	465599	EPA 6020B	465753
40273470042	**MW-2106**	EPA 3010A	465599	EPA 6020B	465753
40273470043	**MW-2102**	EPA 3010A	465599	EPA 6020B	465753
40273470001	**TB-01**	EPA 8260	465595		
40273470002	**PZ-2203**	EPA 8260	465595		
40273470003	**MW-2203**	EPA 8260	465595		
40273470004	**MW-2202**	EPA 8260	465595		
40273470005	**PZ-2202**	EPA 8260	465595		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470006	**MW-2302**	EPA 8260	465595		
40273470007	**PZ-2302**	EPA 8260	465595		
40273470008	**MW-2108**	EPA 8260	465595		
40273470009	**MW-2110**	EPA 8260	465595		
40273470010	**PZ-2110**	EPA 8260	465595		
40273470011	**MW-2201**	EPA 8260	465799		
40273470012	**MW-2201D**	EPA 8260	465799		
40273470013	**MW-31**	EPA 8260	465596		
40273470014	**MW-2301**	EPA 8260	465799		
40273470015	**MW-2301D**	EPA 8260	465596		
40273470016	**PZ-2301**	EPA 8260	465596		
40273470017	**PZ-2301D**	EPA 8260	465596		
40273470018	**MW-2303**	EPA 8260	465596		
40273470019	**PZ-2303**	EPA 8260	465596		
40273470020	**MW-2114**	EPA 8260	465596		
40273470021	**PZ-2114**	EPA 8260	465596		
40273470022	**MW-2111**	EPA 8260	465596		
40273470023	**PZ-2111**	EPA 8260	465596		
40273470024	**PZ-118**	EPA 8260	465596		
40273470025	**MW-114**	EPA 8260	465596		
40273470026	**MW-2112**	EPA 8260	465596		
40273470027	**PZ-2112**	EPA 8260	465596		
40273470028	**MW-2107**	EPA 8260	465596		
40273470029	**PZ-2107**	EPA 8260	465799		
40273470030	**MW-65R**	EPA 8260	465799		
40273470031	**MW-2101**	EPA 8260	465596		
40273470032	**MW-2103**	EPA 8260	465596		
40273470033	**PZ-2103**	EPA 8260	465536		
40273470034	**PZ-2101**	EPA 8260	465536		
40273470035	**MW-2103D**	EPA 8260	465536		
40273470036	**PZ-2103D**	EPA 8260	465536		
40273470037	**MW-2104**	EPA 8260	465536		
40273470038	**MW-2113**	EPA 8260	465536		
40273470039	**PZ-2113**	EPA 8260	465536		
40273470040	**MW-2105**	EPA 8260	465536		
40273470041	**PZ-2105**	EPA 8260	465687		
40273470042	**MW-2106**	EPA 8260	465687		
40273470043	**MW-2102**	EPA 8260	465687		
40273470009	**MW-2110**	SM 4500-S F (2000)	465621		
40273470010	**PZ-2110**	SM 4500-S F (2000)	465621		
40273470011	**MW-2201**	SM 4500-S F (2000)	465621		
40273470012	**MW-2201D**	SM 4500-S F (2000)	465621		
40273470013	**MW-31**	SM 4500-S F (2000)	465621		
40273470014	**MW-2301**	SM 4500-S F (2000)	465621		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470015	**MW-2301D**	SM 4500-S F (2000)	465621		
40273470016	**PZ-2301**	SM 4500-S F (2000)	465621		
40273470017	**PZ-2301D**	SM 4500-S F (2000)	465621		
40273470018	**MW-2303**	SM 4500-S F (2000)	465621		
40273470019	**PZ-2303**	SM 4500-S F (2000)	465621		
40273470020	**MW-2114**	SM 4500-S F (2000)	465621		
40273470021	**PZ-2114**	SM 4500-S F (2000)	465621		
40273470022	**MW-2111**	SM 4500-S F (2000)	465621		
40273470023	**PZ-2111**	SM 4500-S F (2000)	465621		
40273470026	**MW-2112**	SM 4500-S F (2000)	465621		
40273470027	**PZ-2112**	SM 4500-S F (2000)	465621		
40273470028	**MW-2107**	SM 4500-S F (2000)	465621		
40273470029	**PZ-2107**	SM 4500-S F (2000)	465621		
40273470030	**MW-65R**	SM 4500-S F (2000)	465621		
40273470031	**MW-2101**	SM 4500-S F (2000)	465828		
40273470032	**MW-2103**	SM 4500-S F (2000)	465828		
40273470033	**PZ-2103**	SM 4500-S F (2000)	465828		
40273470034	**PZ-2101**	SM 4500-S F (2000)	465828		
40273470035	**MW-2103D**	SM 4500-S F (2000)	465828		
40273470036	**PZ-2103D**	SM 4500-S F (2000)	465828		
40273470038	**MW-2113**	SM 4500-S F (2000)	465828		
40273470039	**PZ-2113**	SM 4500-S F (2000)	465828		
40273470042	**MW-2106**	SM 4500-S F (2000)	465828		
40273470043	**MW-2102**	SM 4500-S F (2000)	465828		
40273470009	**MW-2110**	EPA 300.0	465580		
40273470010	**PZ-2110**	EPA 300.0	465580		
40273470011	**MW-2201**	EPA 300.0	465580		
40273470012	**MW-2201D**	EPA 300.0	465580		
40273470013	**MW-31**	EPA 300.0	465580		
40273470014	**MW-2301**	EPA 300.0	465580		
40273470015	**MW-2301D**	EPA 300.0	465580		
40273470016	**PZ-2301**	EPA 300.0	465580		
40273470017	**PZ-2301D**	EPA 300.0	465580		
40273470018	**MW-2303**	EPA 300.0	465580		
40273470019	**PZ-2303**	EPA 300.0	465580		
40273470020	**MW-2114**	EPA 300.0	465580		
40273470021	**PZ-2114**	EPA 300.0	465580		
40273470022	**MW-2111**	EPA 300.0	465580		
40273470023	**PZ-2111**	EPA 300.0	465580		
40273470026	**MW-2112**	EPA 300.0	465580		
40273470027	**PZ-2112**	EPA 300.0	465580		
40273470028	**MW-2107**	EPA 300.0	465580		
40273470029	**PZ-2107**	EPA 300.0	465580		
40273470030	**MW-65R**	EPA 300.0	465580		
40273470031	**MW-2101**	EPA 300.0	465582		
40273470032	**MW-2103**	EPA 300.0	465582		
40273470033	**PZ-2103**	EPA 300.0	465582		

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: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470034	**PZ-2101**	EPA 300.0	465582		
40273470035	**MW-2103D**	EPA 300.0	465582		
40273470036	**PZ-2103D**	EPA 300.0	465582		
40273470038	**MW-2113**	EPA 300.0	465582		
40273470039	**PZ-2113**	EPA 300.0	465582		
40273470042	**MW-2106**	EPA 300.0	465582		
40273470043	**MW-2102**	EPA 300.0	465582		
40273470009	**MW-2110**	EPA 310.2	465653		
40273470010	**PZ-2110**	EPA 310.2	465653		
40273470011	**MW-2201**	EPA 310.2	465653		
40273470012	**MW-2201D**	EPA 310.2	465653		
40273470013	**MW-31**	EPA 310.2	465653		
40273470014	**MW-2301**	EPA 310.2	465653		
40273470015	**MW-2301D**	EPA 310.2	465653		
40273470016	**PZ-2301**	EPA 310.2	465653		
40273470017	**PZ-2301D**	EPA 310.2	465653		
40273470018	**MW-2303**	EPA 310.2	465653		
40273470019	**PZ-2303**	EPA 310.2	465653		
40273470020	**MW-2114**	EPA 310.2	465653		
40273470021	**PZ-2114**	EPA 310.2	465653		
40273470022	**MW-2111**	EPA 310.2	465653		
40273470023	**PZ-2111**	EPA 310.2	465653		
40273470026	**MW-2112**	EPA 310.2	465653		
40273470027	**PZ-2112**	EPA 310.2	465653		
40273470028	**MW-2107**	EPA 310.2	465653		
40273470029	**PZ-2107**	EPA 310.2	465653		
40273470030	**MW-65R**	EPA 310.2	465653		
40273470031	**MW-2101**	EPA 310.2	465654		
40273470032	**MW-2103**	EPA 310.2	465654		
40273470033	**PZ-2103**	EPA 310.2	465654		
40273470034	**PZ-2101**	EPA 310.2	465654		
40273470035	**MW-2103D**	EPA 310.2	465654		
40273470036	**PZ-2103D**	EPA 310.2	465654		
40273470038	**MW-2113**	EPA 310.2	465654		
40273470039	**PZ-2113**	EPA 310.2	465654		
40273470042	**MW-2106**	EPA 310.2	465654		
40273470043	**MW-2102**	EPA 310.2	465654		
40273470009	**MW-2110**	EPA 410.4	466008	EPA 410.4	466011
40273470010	**PZ-2110**	EPA 410.4	466008	EPA 410.4	466011
40273470011	**MW-2201**	EPA 410.4	466008	EPA 410.4	466011
40273470012	**MW-2201D**	EPA 410.4	466008	EPA 410.4	466011
40273470013	**MW-31**	EPA 410.4	466008	EPA 410.4	466011
40273470014	**MW-2301**	EPA 410.4	466008	EPA 410.4	466011
40273470015	**MW-2301D**	EPA 410.4	466008	EPA 410.4	466011
40273470016	**PZ-2301**	EPA 410.4	466008	EPA 410.4	466011
40273470017	**PZ-2301D**	EPA 410.4	466008	EPA 410.4	466011
40273470018	**MW-2303**	EPA 410.4	466008	EPA 410.4	466011

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: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470019	**PZ-2303**	EPA 410.4	466008	EPA 410.4	466011
40273470020	**MW-2114**	EPA 410.4	466008	EPA 410.4	466011
40273470021	**PZ-2114**	EPA 410.4	466008	EPA 410.4	466011
40273470022	**MW-2111**	EPA 410.4	466008	EPA 410.4	466011
40273470023	**PZ-2111**	EPA 410.4	466008	EPA 410.4	466011
40273470026	**MW-2112**	EPA 410.4	466008	EPA 410.4	466011
40273470027	**PZ-2112**	EPA 410.4	466008	EPA 410.4	466011
40273470028	**MW-2107**	EPA 410.4	466008	EPA 410.4	466011
40273470029	**PZ-2107**	EPA 410.4	466008	EPA 410.4	466011
40273470030	**MW-65R**	EPA 410.4	466008	EPA 410.4	466011
40273470031	**MW-2101**	EPA 410.4	466009	EPA 410.4	466012
40273470032	**MW-2103**	EPA 410.4	466009	EPA 410.4	466012
40273470033	**PZ-2103**	EPA 410.4	466009	EPA 410.4	466012
40273470034	**PZ-2101**	EPA 410.4	466009	EPA 410.4	466012
40273470035	**MW-2103D**	EPA 410.4	466009	EPA 410.4	466012
40273470036	**PZ-2103D**	EPA 410.4	466009	EPA 410.4	466012
40273470038	**MW-2113**	EPA 410.4	466009	EPA 410.4	466012
40273470039	**PZ-2113**	EPA 410.4	466009	EPA 410.4	466012
40273470042	**MW-2106**	EPA 410.4	466009	EPA 410.4	466012
40273470043	**MW-2102**	EPA 410.4	466009	EPA 410.4	466012
40273470009	**MW-2110**	SM 5310C	465675		
40273470010	**PZ-2110**	SM 5310C	465675		
40273470011	**MW-2201**	SM 5310C	465675		
40273470012	**MW-2201D**	SM 5310C	465675		
40273470013	**MW-31**	SM 5310C	465675		
40273470014	**MW-2301**	SM 5310C	465675		
40273470015	**MW-2301D**	SM 5310C	465675		
40273470016	**PZ-2301**	SM 5310C	465675		
40273470017	**PZ-2301D**	SM 5310C	465675		
40273470018	**MW-2303**	SM 5310C	465675		
40273470019	**PZ-2303**	SM 5310C	465675		
40273470020	**MW-2114**	SM 5310C	465675		
40273470021	**PZ-2114**	SM 5310C	465675		
40273470022	**MW-2111**	SM 5310C	465675		
40273470023	**PZ-2111**	SM 5310C	465675		
40273470026	**MW-2112**	SM 5310C	465779		
40273470027	**PZ-2112**	SM 5310C	465779		
40273470028	**MW-2107**	SM 5310C	465779		
40273470029	**PZ-2107**	SM 5310C	465779		
40273470030	**MW-65R**	SM 5310C	465779		
40273470031	**MW-2101**	SM 5310C	465779		
40273470032	**MW-2103**	SM 5310C	465779		
40273470033	**PZ-2103**	SM 5310C	465779		
40273470034	**PZ-2101**	SM 5310C	465779		
40273470035	**MW-2103D**	SM 5310C	465779		
40273470036	**PZ-2103D**	SM 5310C	465779		
40273470038	**MW-2113**	SM 5310C	465779		

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: 60705270 KEP
Pace Project No.: 40273470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273470039	**PZ-2113**	SM 5310C	465779		
40273470042	**MW-2106**	SM 5310C	465779		
40273470043	**MW-2102**	SM 5310C	465779		

40273470

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	AECOM, Inc - Milwaukee	Contact/Report To	Lanette Altenbach
Street Address:	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #:	414-944-6186
		E-Mail:	lanette.altenbach@aecom.com
		Cc E-Mail:	keith.nielsen@aecom com
Customer Project #			
Project Name.	60705270 KEP	Invoice To:	Finance Dept
		Invoice E-Mail:	lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable).	200476
		Quote #.	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET		County / State origin of sample(s)	Wisconsin
Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable. Reportable [ ] Yes [ ] No Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____ Date Results Requested	DW PWSID # or WW Permit # as applicable Field Filtered (if applicable) [ ] Yes [ ] No Analysis	

* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

2024

Specify Container Size **: 6 6 3 3 2 4 3 3

Identify Container Preservative Type***: 4 4 1 3 5,6 3 2 2

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Christopher Hyska; AcctNum / Client ID:; Table #:; Profile / Template. 2430; Prelog / Bottle Ord. ID. EZ 3049554

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4, 310 2 Alkalinity	410 4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals			Sample Comment	Preservation non-conformance Identified for sample
TB-01	GW	G			01/22	0900	2			2										001	
PZ-2203						0930	3			3										002	
MW-2203						1000	3			3										003	
MW-2202						1100	3			3										004	
PZ-2202						1130	3			3										005	
MW-2302						0925	3			3										006	
PZ-2302						1015	3			3										007	
MW-2108						0945	3			3										008	
MW-2110						1050	12			3	3	1	1	1	1	1	1			009	
PZ-2110						1200	12			3	3	1	1	1	1	1	1			010	

Additional Instructions from Pace®.
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110

Dissolved Ca, Mg, Na, K also

Collected By: (Printed Name) Keith Nielsen
Signature KEN AECOM

Customer Remarks / Special Conditions / Possible Hazards

# Coolers	Thermometer ID.	Correction Factor (°C).	Obs. Temp (°C)	Corrected Temp (°C)	On Ice

Relinquished by/Company. (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number.
KEN AECOM				
US Logistics	1/24/24 0910		1/24/24 0910	Delivered by: [ ] In- Person [ ] Courier
				[ ] FedEX [ ] UPS [ ] Other
				Page: of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www pacelabs com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

40273470

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

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Scan QR Code for instructions

Company Name:	AECOM, Inc. - Milwaukee	Contact/Report To.	Lanette Altenbach
Street Address	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #:	414-944-6186
		E-Mail:	lanette altenbach@aecom.com
		Cc E-Mail:	keith.nielsen@aecom com
Customer Project #.			
Project Name:	60705270 KEP	Invoice To:	Finance Dept.
		Invoice E-Mail:	lanette.altenbach@aecom com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable)	200476
		Quote #:	
Time Zone Collected. [ ] AK [ ] PT [ ] MT [X] CT [ ] ET		County / State origin of sample(s).	Wisconsin
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable. Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable	
	Date Results Requested:	Field Filtered (if applicable) [ ] Yes [ ] No	
		Analysis	

* Matrix Codes (Insert in Matrix box below). Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

2024

Specify Container Size **: 6 6 3 3 2 4 3 3

Identify Container Preservative Type***: 4 4 1 3 5,6 3 2 2

**Container Size. (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4, 310 2 Alkalinity	410 4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals			Sample Comment
MW-2201	GW	G			01/22	1230	12			3	3	1	1	1	1	1	1			014
MW-2201D	GW					1230	12			3	3	1	1	1	1	1	1			012
MW-31						1345	12			3	3	1	1	1	1	1	1			013
MW-2301						1145	12			3	3	1	1	1	1	1	1			014
MW-2301D						1145	12			3	3	1	1	1	1	1	1			015
PZ-2301						1350	12			3	3	1	1	1	1	1	1			016
PZ-2301D						1350	12			3	3	1	1	1	1	1	1			017
MW-2303						1530	12			3	3	1	1	1	1	1	1			018
PZ-2303						1645	12			3	3	1	1	1	1	1	1			019
MW-2114						1345	12			3	3	1	1	1	1	1	1			020

Lab Use Only: Proj. Mgr: Christopher Hyska; AcctNum / Client ID:; Table #:; Profile / Template: 2430; Prelog / Bottle Ord. ID: EZ 3049554

Preservation non-conformance identified for sample

Additional Instructions from Pace®:
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110
Dissolved Ca, Mg, Na, K also

Collected By (Printed Name): Keith Nielsen
Signature: KEN AECOM

Customer Remarks / Special Conditions / Possible Hazards.

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs Temp. (°C)	Corrected Temp. (°C)	On Ice.

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number
KEN AECOM				
CS Logistics	1/24/24 0910		1/24/24 0910	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
				Page: 2 of 2

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40273470

Pace® Location Requested (City/State):
Pace Analytical Green Bay
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Green Bay, WI 54302

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Scan QR Code for instructions

Company Name:	AECOM, Inc. - Milwaukee	Contact/Report To:	Lanette Altenbach
Street Address:	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #:	414-944-6186
		E-Mail:	lanette altenbach@aecom.com
		Cc E-Mail:	keith nielsen@aecom com
Customer Project #			
Project Name:	60705270 KEP	Invoice To:	Finance Dept
		Invoice E-Mail:	lanette altenbach@aecom com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	200476
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET		County / State origin of sample(s):	Wisconsin
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable. Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable.	
	Date Results Requested.	Field Filtered (if applicable): [ ] Yes [ ] No Analysis.	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

2024

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4, 310 2 Alkalinity	410 4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals			Sample Comment		Preservation non-conformance identified for sample
PZ- 2114	GW	G			01/22	1450	12			3	3	1	1	1	1	1	1			022	021	
MW- 2111						1530	12			3	3	1	1	1	1	1	1			023	022	
PZ- 2111						1600	12			3	3	1	1	1	1	1	1			024	023	
PZ- 118					01/23	0835	3			3										025	024	
MW-114						0920	3			3										026	025	
MW-2112						1120	12			3	3	1	1	1	1	1	1			027	026	
PZ- 2112						1230	12			3	3	1	1	1	1	1	1			028	027	
MW-2107						1305	3			3										029	028	
PZ- 2107						1350	3			3										030	029	
MW-65R						0930	12			3	3	1	1	1	1	1	1			031	030	

Specify Container Size **: 6 6 3 3 2 4 3 3

Identify Container Preservative Type***: 4 4 1 3 5,6 3 2 2

Analysis Requested

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Christopher Hyska
AcctNum / Client ID:
Table #:
Profile / Template: 2430
Prelog / Bottle Ord. ID: EZ 3049554

1/24/24 86

Additional Instructions from Pace®:
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110
Dissolved Ca, Mg, Na, K also

Collected By: (Printed Name) Keith Nielsen
Signature: KN AECOM

Customer Remarks / Special Conditions / Possible Hazards

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number
KN AECOM	01			
CS Logistics	1/24/24 0910		1/24/24 0910	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
				Page: of

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ENV-FRM-CORQ-0019_v02_110123 ©

40273470

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	AECOM, Inc. - Milwaukee	Contact/Report To.	Lanette Altenbach
Street Address	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #:	414-944-6186
		E-Mail:	lanette altenbach@aecom com
		Cc E-Mail:	keith nielsen@aecom com
Customer Project #.			
Project Name:	60705270 KEP	Invoice To.	Finance Dept
		Invoice E-Mail:	lanette altenbach@aecom.com
Site Collection Info/Facility ID (as applicable)		Purchase Order # (If applicable).	200476
		Quote #:	
Time Zone Collected [ ] AK [ ] PT [ ] MT [x] CT [ ] ET		County / State origin of sample(s)	Wisconsin
Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable. Reportable [ ] Yes [ ] No Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other_____ Date Results Requested.	DW PWSID # or WW Permit # as applicable Field Filtered (if applicable): [ ] Yes [ ] No Analysis.	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

**Container Size. (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types. (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Christopher Hyska; AcctNum / Client ID:; Table #:; Profile / Template: 2430; Prelog / Bottle Ord. ID: EZ 3049554

Preservation non-conformance identified for sample

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	Specify Container Size **										Identify Container Preservative Type***										Sample Comment
										8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4, 310 2 Alkalinity	410 4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals			4	4	1	3	5,6	3	2	2			
MW-2101	GW	G			01/23	1120	12			3	3	1	1	1	1	1	1													031
MW-2103						1230	12			3	3	1	1	1	1	1	1													032
PZ-2103						1345	12			3	3	1	1	1	1	1	1													033
PZ-2101						1600	12			3	3	1	1	1	1	1	1													034
MW-2103D						1230	12			3	3	1	1	1	1	1	1													035
PZ-2103D						1345	12			3	3	1	1	1	1	1	1													036
MW-2104						1605	3			3																				037
MW-2113						1445	12			3	3	1	1	1	1	1	1													038
PZ-2113						1520	12			3	3	1	1	1	1	1	1													039
MW-2105						1415	3			3																				040

Additional Instructions from Pace®:
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110
Dissolved Ca, Mg, Na, K also

Collected By: (Printed Name) Keith Nielsen
Signature KEN AECOM

Customer Remarks / Special Conditions / Possible Hazards.

# Coolers	Thermometer ID:	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number
KEN AECOM				
CS Logistics	1/24/24 0910		1/24/24 0910	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
				Page: 1 of 1

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ENV-FRM-CORQ-0019_v02_110123 ©

40273470

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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Scan QR Code for instructions

Company Name	AECOM, Inc - Milwaukee	Contact/Report To.	Lanette Altenbach
Street Address.	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #.	414-944-6186
		E-Mail:	lanette.altenbach@aecom com
		Cc E-Mail:	keith.nielsen@aecom com
Customer Project #.			
Project Name:	60705270 KEP	Invoice To	Finance Dept.
		Invoice E-Mail:	lanette.altenbach@aecom.com
Site Collection Info/Facility ID (as applicable).		Purchase Order # (if applicable)	200476
		Quote #.	
Time Zone Collected [ ] AK [ ] PT [ ] MT [X] CT [ ] ET		County / State origin of sample(s):	Wisconsin

Data Deliverables
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required)·
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable

Date Results Requested·

Field Filtered (if applicable) [ ] Yes [ ] No
Analysis·

* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

2024

Specify Container Size **

6	6	3	3	2	4	3	3		

Identify Container Preservative Type***

4	4	1	3	5,6	3	2	2		

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4, 310 2 Alkalinity	410 4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals			Sample Comment
PZ-2105	GW	G			01/23	1515	3			3										041
MW-2106	GW	G			01/23	1620	12			3	3	1	1	1	1	1	1			042
[illegible]					[illegible]	[illegible]														043

Lab Use Only

Proj. Mgr: Christopher Hyska
AcctNum / Client ID:
Table #:
Profile / Template· 2430
Prelog / Bottle Ord. ID: EZ 3049554

Preservation non-conformance identified for sample

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110

Dissolved
Ca, Mg, Na, K also

Collected By (Printed Name) Keith Nielsen
Signature KEN AECOM

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers	Thermometer ID.	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number·
KEN AECOM				
[signature]	1/24/24 0910	[signature]	1/24/24 0910	Delivered by· [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
				Page: 1 of 1

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Sample Preservation Receipt Form

Client Name: AECOM Project # 40213470

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A Initial when completed: SG Date/ Time: 1/24/24 1135

Lab Lot# of pH paper: 10D0134 Lab Std #ID of preservation (if pH adjusted): 406572

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
001																	3																	2.5 / 5
002																	3																	2.5 / 5
003																	3																	2.5 / 5
004																	3																	2.5 / 5
005																	3																	2.5 / 5
006																	3																	2.5 / 5
007																	3																	2.5 / 5
008																	3																	2.5 / 5
009											2						6												X		X	X		2.5 / 5
010											2						6												X		X	X		2.5 / 5
011											2						6												X		X	X		2.5 / 5
012											2						6												X		X	X		2.5 / 5
013											2						6												X		X	X		2.5 / 5
014											2						6												X		X	X		2.5 / 5
015											2						6												X		X	X		2.5 / 5
016											2						6												X		X	X		2.5 / 5
017											2						6												X		X	X		2.5 / 5
018											2						6												X		X	X		2.5 / 5
019											2						6												X		X	X		2.5 / 5
020											2						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	

Page 1 of 3

Client Name: AECOM

Sample Preservation Receipt Form

Project #: 40213470

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											2						6												X		X	X		2.5 / 5
022											2						6												X		X	X		2.5 / 5
023											2						6												X		X	X		2.5 / 5
024																	3																	2.5 / 5
025																	3												X		X	X		2.5 / 5
026											2						6												X		X	X		2.5 / 5
027											2						6												X		X	X		2.5 / 5
028											2						6												X		X	X		2.5 / 5
029											2						6												X		X	X		2.5 / 5
030											2						6												X		X	X		2.5 / 5
031											2						6												X		X	X		2.5 / 5
032											2						6												X		X	X		2.5 / 5
033											2						6												X		7	4	X	2.5 / 5
034											2						6												X		7	3	X	2.5 / 5
035											2						6												X		X	X		2.5 / 5
036											2						6												X		7	4	X	2.5 / 5
037				1/24/24 SC							2			1/24/24 SC			6	3											X		X	X		2.5 / 5
038											2						6												X		X	X		2.5 / 5
039											2						6												X		X	X		2.5 / 5
040																	3														X	1/24/24 SC		2.5 / 5
041																	3														X	X	1/24/24 SC	2.5 / 5
042											2						6												X		X	X		2.5 / 5
043											2						6												X		X	X		2.5 / 5
044																																		2.5 / 5
045														1/24/24 SC																				2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

Page 2 of 3

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40273470

40273470

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 - 139 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

Temp Blank Present: ☑ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

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

Person examining contents:
Date: 1/24/24 Initials: SG

Labeled By Initials: EL

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. 1/24/24 SG
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☑No ☐N/A	12. 030 ZD "MW-65" 1/24/24 SG 031 no ZD placed by time of Processed labeling
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 515		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

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

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

February 05, 2024

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

RE: Project: 60705270 KEP
Pace Project No.: 40273516

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on January 25, 2024. 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
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 60705270 KEP
Pace Project No.: 40273516

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 60705270 KEP
Pace Project No.: 40273516

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40273516001	**TB-02**	Water	01/24/24 07:30	01/25/24 09:00
40273516002	**MW-79**	Water	01/24/24 07:45	01/25/24 09:00
40273516003	**MW-80**	Water	01/24/24 08:30	01/25/24 09:00
40273516004	**MW-81**	Water	01/24/24 09:00	01/25/24 09:00
40273516005	**PZ-82**	Water	01/24/24 09:40	01/25/24 09:00
40273516006	**MW-82**	Water	01/24/24 10:30	01/25/24 09:00
40273516007	**MW-82D**	Water	01/24/24 10:30	01/25/24 09:00
40273516008	**MW-108**	Water	01/24/24 09:00	01/25/24 09:00
40273516009	**MW-44**	Water	01/24/24 09:30	01/25/24 09:00
40273516010	**MW-113**	Water	01/24/24 10:30	01/25/24 09:00
40273516011	**MW-2109**	Water	01/24/24 09:15	01/25/24 09:00
40273516012	**PZ-2109**	Water	01/24/24 09:50	01/25/24 09:00

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SAMPLE ANALYTE COUNT

Project: 60705270 KEP
Pace Project No.: 40273516

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40273516001	**TB-02**	EPA 8260	CXJ	63	PASI-G
40273516002	**MW-79**	EPA 8260	CXJ	63	PASI-G
40273516003	**MW-80**	EPA 8260	CXJ	63	PASI-G
40273516004	**MW-81**	EPA 8260	CXJ	63	PASI-G
40273516005	**PZ-82**	EPA 8260	CXJ	63	PASI-G
40273516006	**MW-82**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273516007	**MW-82D**	EPA 8015B Modified	KHB	3	PASI-G
		EPA 6020B	KXS	2	PASI-G
		EPA 6020B	KXS	6	PASI-G
		EPA 8260	CXJ	63	PASI-G
		SM 4500-S F (2000)	HNT	1	PASI-G
		EPA 300.0	HMB	2	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 410.4	TJJ	1	PASI-G
		SM 5310C	TJJ	1	PASI-G
40273516008	**MW-108**	EPA 8260	CXJ	63	PASI-G
40273516009	**MW-44**	EPA 8260	CXJ	63	PASI-G
40273516010	**MW-113**	EPA 8260	CXJ	63	PASI-G
40273516011	**MW-2109**	EPA 8260	CXJ	63	PASI-G
40273516012	**PZ-2109**	EPA 8260	EIB	63	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 60705270 KEP
Pace Project No.: 40273516

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40273516006	**MW-82**					
EPA 8015B Modified	Ethane	3.7J	ug/L	5.6	01/30/24 13:21	
EPA 8015B Modified	Ethene	1.6J	ug/L	5.0	01/30/24 13:21	
EPA 8015B Modified	Methane	1220	ug/L	28.0	01/30/24 16:09	
EPA 6020B	Iron	9.0	mg/L	2.5	01/31/24 15:01	
EPA 6020B	Manganese	0.15	mg/L	0.040	01/31/24 15:01	
EPA 6020B	Barium, Dissolved	0.16	mg/L	0.0047	01/30/24 01:43	
EPA 6020B	Iron, Dissolved	5.0	mg/L	2.5	01/30/24 21:40	
EPA 6020B	Lead, Dissolved	0.0032	mg/L	0.0020	01/30/24 01:43	
EPA 6020B	Manganese, Dissolved	0.17	mg/L	0.040	01/30/24 21:40	D9
EPA 300.0	Chloride	1870	mg/L	200	01/29/24 15:14	
EPA 300.0	Sulfate	23.4	mg/L	20.0	01/26/24 14:53	
EPA 310.2	Alkalinity, Total as CaCO3	76.1	mg/L	25.0	01/25/24 14:10	
EPA 410.4	Chemical Oxygen Demand	154	mg/L	50.0	02/02/24 05:04	
SM 5310C	Total Organic Carbon	0.67	mg/L	0.50	01/31/24 03:10	
40273516007	**MW-82D**					
EPA 8015B Modified	Ethane	4.0J	ug/L	5.6	01/30/24 13:27	
EPA 8015B Modified	Ethene	1.7J	ug/L	5.0	01/30/24 13:27	
EPA 8015B Modified	Methane	1360	ug/L	28.0	01/30/24 16:16	
EPA 6020B	Iron	2.3J	mg/L	2.5	01/31/24 15:06	D3
EPA 6020B	Manganese	0.15	mg/L	0.040	01/31/24 15:06	
EPA 6020B	Barium, Dissolved	0.18	mg/L	0.0047	01/30/24 01:48	
EPA 6020B	Iron, Dissolved	10.6	mg/L	2.5	01/30/24 21:45	CR
EPA 6020B	Lead, Dissolved	0.0070	mg/L	0.0020	01/30/24 01:48	
EPA 6020B	Manganese, Dissolved	0.14	mg/L	0.040	01/30/24 21:45	
EPA 300.0	Chloride	2010	mg/L	200	01/29/24 15:29	
EPA 300.0	Sulfate	23.2	mg/L	20.0	01/26/24 15:08	
EPA 310.2	Alkalinity, Total as CaCO3	102	mg/L	25.0	01/25/24 14:05	
EPA 410.4	Chemical Oxygen Demand	623	mg/L	400	02/02/24 05:04	
SM 5310C	Total Organic Carbon	0.58	mg/L	0.50	01/30/24 20:15	
40273516011	**MW-2109**					
EPA 8260	cis-1,2-Dichloroethene	15.6	ug/L	1.0	01/26/24 19:22	
EPA 8260	Vinyl chloride	43.2	ug/L	1.0	01/26/24 19:22	
40273516012	**PZ-2109**					
EPA 8260	cis-1,2-Dichloroethene	3.4	ug/L	1.0	01/29/24 17:17	
EPA 8260	Vinyl chloride	19.1	ug/L	1.0	01/29/24 17:17	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: TB-02 **Lab ID: 40273516001** Collected: 01/24/24 07:30 Received: 01/25/24 09:00 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		01/26/24 12:52	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 12:52	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 12:52	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 12:52	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 12:52	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 12:52	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 12:52	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 12:52	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 12:52	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 12:52	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 12:52	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 12:52	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 12:52	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 12:52	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 12:52	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 12:52	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 12:52	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 12:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 12:52	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 12:52	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 12:52	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 12:52	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 12:52	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 12:52	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 12:52	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 12:52	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 12:52	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 12:52	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 12:52	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 12:52	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 12:52	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 12:52	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 12:52	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 12:52	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 12:52	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 12:52	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 12:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 12:52	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 12:52	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 12:52	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 12:52	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 12:52	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 12:52	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 12:52	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 12:52	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: TB-02 **Lab ID: 40273516001** Collected: 01/24/24 07:30 Received: 01/25/24 09:00 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		01/26/24 12:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 12:52	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 12:52	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 12:52	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 12:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 12:52	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 12:52	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 12:52	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 12:52	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 12:52	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 12:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 12:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 12:52	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 12:52	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 12:52	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/26/24 12:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/26/24 12:52	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/26/24 12:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-79 **Lab ID: 40273516002** Collected: 01/24/24 07:45 Received: 01/25/24 09:00 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		01/26/24 15:48	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 15:48	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 15:48	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 15:48	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 15:48	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 15:48	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 15:48	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 15:48	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 15:48	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 15:48	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 15:48	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 15:48	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 15:48	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 15:48	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 15:48	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 15:48	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 15:48	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 15:48	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 15:48	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 15:48	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 15:48	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 15:48	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 15:48	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 15:48	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 15:48	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 15:48	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 15:48	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 15:48	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 15:48	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 15:48	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 15:48	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 15:48	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 15:48	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 15:48	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 15:48	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 15:48	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 15:48	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 15:48	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 15:48	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 15:48	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 15:48	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 15:48	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 15:48	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 15:48	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 15:48	100-42-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-79 **Lab ID: 40273516002** Collected: 01/24/24 07:45 Received: 01/25/24 09:00 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		01/26/24 15:48	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 15:48	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 15:48	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 15:48	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 15:48	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 15:48	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 15:48	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 15:48	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 15:48	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 15:48	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 15:48	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 15:48	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 15:48	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 15:48	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 15:48	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		01/26/24 15:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/26/24 15:48	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/26/24 15:48	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-80 **Lab ID: 40273516003** Collected: 01/24/24 08:30 Received: 01/25/24 09:00 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		01/26/24 16:08	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:08	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:08	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 16:08	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 16:08	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 16:08	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:08	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 16:08	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 16:08	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 16:08	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 16:08	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 16:08	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 16:08	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 16:08	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 16:08	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 16:08	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 16:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 16:08	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 16:08	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 16:08	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 16:08	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 16:08	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 16:08	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:08	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 16:08	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 16:08	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 16:08	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 16:08	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 16:08	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:08	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:08	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 16:08	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 16:08	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 16:08	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 16:08	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 16:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 16:08	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:08	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:08	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 16:08	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 16:08	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 16:08	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 16:08	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:08	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-80 **Lab ID: 40273516003** Collected: 01/24/24 08:30 Received: 01/25/24 09:00 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		01/26/24 16:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 16:08	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 16:08	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 16:08	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:08	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 16:08	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:08	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 16:08	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 16:08	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:08	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 16:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 16:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:08	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 16:08	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 16:08	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/26/24 16:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/26/24 16:08	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/26/24 16:08	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-81 **Lab ID: 40273516004** Collected: 01/24/24 09:00 Received: 01/25/24 09:00 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		01/26/24 16:27	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:27	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:27	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:27	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 16:27	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 16:27	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 16:27	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:27	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 16:27	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 16:27	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 16:27	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 16:27	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 16:27	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 16:27	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 16:27	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 16:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 16:27	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 16:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 16:27	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 16:27	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 16:27	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 16:27	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 16:27	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 16:27	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:27	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 16:27	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 16:27	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 16:27	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 16:27	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 16:27	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:27	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:27	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 16:27	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 16:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 16:27	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 16:27	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 16:27	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 16:27	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:27	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:27	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 16:27	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 16:27	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 16:27	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 16:27	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:27	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-81 **Lab ID: 40273516004** Collected: 01/24/24 09:00 Received: 01/25/24 09:00 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		01/26/24 16:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 16:27	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 16:27	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 16:27	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 16:27	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:27	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 16:27	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 16:27	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:27	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 16:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 16:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:27	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 16:27	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 16:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/26/24 16:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/26/24 16:27	2199-69-1	
Toluene-d8 (S)	103	%	70-130		1		01/26/24 16:27	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: 60705270 KEP
Pace Project No.: 40273516

Sample: PZ-82 **Lab ID: 40273516005** Collected: 01/24/24 09:40 Received: 01/25/24 09:00 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		01/26/24 20:01	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 20:01	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 20:01	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 20:01	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 20:01	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 20:01	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 20:01	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 20:01	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 20:01	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 20:01	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 20:01	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 20:01	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 20:01	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 20:01	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 20:01	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 20:01	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 20:01	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 20:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 20:01	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 20:01	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 20:01	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 20:01	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 20:01	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 20:01	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 20:01	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 20:01	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 20:01	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 20:01	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 20:01	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 20:01	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 20:01	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 20:01	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 20:01	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 20:01	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 20:01	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 20:01	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 20:01	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 20:01	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 20:01	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 20:01	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 20:01	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 20:01	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 20:01	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 20:01	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 20:01	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: 60705270 KEP
Pace Project No.: 40273516

Sample: PZ-82 **Lab ID: 40273516005** Collected: 01/24/24 09:40 Received: 01/25/24 09:00 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		01/26/24 20:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 20:01	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 20:01	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 20:01	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 20:01	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 20:01	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 20:01	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 20:01	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 20:01	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 20:01	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 20:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 20:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 20:01	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 20:01	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 20:01	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	146	%	70-130		1		01/26/24 20:01	460-00-4	2q,S1
1,2-Dichlorobenzene-d4 (S)	122	%	70-130		1		01/26/24 20:01	2199-69-1	
Toluene-d8 (S)	112	%	70-130		1		01/26/24 20:01	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-82 **Lab ID: 40273516006** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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	**3.7J**	ug/L	5.6	0.39	1		01/30/24 13:21	74-84-0	
Ethene	**1.6J**	ug/L	5.0	0.25	1		01/30/24 13:21	74-85-1	
Methane	**1220**	ug/L	28.0	5.8	10		01/30/24 16:09	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**9.0**	mg/L	2.5	0.58	10	01/26/24 05:39	01/31/24 15:01	7439-89-6	
Manganese	**0.15**	mg/L	0.040	0.012	10	01/26/24 05:39	01/31/24 15:01	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	0.0047	0.0014	2	01/26/24 05:49	01/30/24 01:43	7440-39-3	
Chromium, Dissolved	**<0.010**	mg/L	0.034	0.010	10	01/26/24 05:49	01/30/24 21:40	7440-47-3	D3
Iron, Dissolved	**5.0**	mg/L	2.5	0.58	10	01/26/24 05:49	01/30/24 21:40	7439-89-6	
Lead, Dissolved	**0.0032**	mg/L	0.0020	0.00047	2	01/26/24 05:49	01/30/24 01:43	7439-92-1	
Manganese, Dissolved	**0.17**	mg/L	0.040	0.012	10	01/26/24 05:49	01/30/24 21:40	7439-96-5	D9
Nickel, Dissolved	**<0.0028**	mg/L	0.010	0.0028	10	01/26/24 05:49	01/30/24 21:40	7440-02-0	D3
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:47	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:47	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:47	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:47	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 16:47	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 16:47	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 16:47	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:47	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 16:47	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 16:47	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 16:47	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 16:47	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 16:47	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 16:47	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 16:47	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 16:47	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 16:47	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 16:47	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 16:47	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 16:47	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 16:47	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 16:47	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 16:47	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 16:47	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:47	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-82 **Lab ID: 40273516006** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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		01/26/24 16:47	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 16:47	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 16:47	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 16:47	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 16:47	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:47	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:47	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 16:47	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 16:47	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 16:47	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 16:47	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 16:47	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 16:47	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:47	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:47	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 16:47	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 16:47	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 16:47	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 16:47	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:47	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:47	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 16:47	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 16:47	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 16:47	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 16:47	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 16:47	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 16:47	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 16:47	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 16:47	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 16:47	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 16:47	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 16:47	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 16:47	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 16:47	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 16:47	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/26/24 16:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/26/24 16:47	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/26/24 16:47	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		01/29/24 13:24		1q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-82 **Lab ID: 40273516006** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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	**1870**	mg/L	200	59.1	100		01/29/24 15:14	16887-00-6	
Sulfate	**23.4**	mg/L	20.0	4.4	10		01/26/24 14:53	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**76.1**	mg/L	25.0	7.4	1		01/25/24 14:10		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**154**	mg/L	50.0	14.7	1	02/02/24 02:00	02/02/24 05:04		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**0.67**	mg/L	0.50	0.19	1		01/31/24 03:10	7440-44-0	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-82D **Lab ID: 40273516007** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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	**4.0J**	ug/L	5.6	0.39	1		01/30/24 13:27	74-84-0	
Ethene	**1.7J**	ug/L	5.0	0.25	1		01/30/24 13:27	74-85-1	
Methane	**1360**	ug/L	28.0	5.8	10		01/30/24 16:16	74-82-8	
6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**2.3J**	mg/L	2.5	0.58	10	01/26/24 05:39	01/31/24 15:06	7439-89-6	D3
Manganese	**0.15**	mg/L	0.040	0.012	10	01/26/24 05:39	01/31/24 15:06	7439-96-5	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Barium, Dissolved	**0.18**	mg/L	0.0047	0.0014	2	01/26/24 05:49	01/30/24 01:48	7440-39-3	
Chromium, Dissolved	**<0.010**	mg/L	0.034	0.010	10	01/26/24 05:49	01/30/24 21:45	7440-47-3	D3
Iron, Dissolved	**10.6**	mg/L	2.5	0.58	10	01/26/24 05:49	01/30/24 21:45	7439-89-6	CR
Lead, Dissolved	**0.0070**	mg/L	0.0020	0.00047	2	01/26/24 05:49	01/30/24 01:48	7439-92-1	
Manganese, Dissolved	**0.14**	mg/L	0.040	0.012	10	01/26/24 05:49	01/30/24 21:45	7439-96-5	
Nickel, Dissolved	**<0.0028**	mg/L	0.010	0.0028	10	01/26/24 05:49	01/30/24 21:45	7440-02-0	D3
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:03	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:03	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:03	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:03	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 19:03	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 19:03	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 19:03	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:03	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 19:03	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 19:03	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 19:03	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 19:03	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 19:03	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 19:03	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 19:03	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 19:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 19:03	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 19:03	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 19:03	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 19:03	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 19:03	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 19:03	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 19:03	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 19:03	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:03	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-82D **Lab ID: 40273516007** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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		01/26/24 19:03	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 19:03	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 19:03	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 19:03	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 19:03	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:03	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:03	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 19:03	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 19:03	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 19:03	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 19:03	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 19:03	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 19:03	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 19:03	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 19:03	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 19:03	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 19:03	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 19:03	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 19:03	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 19:03	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 19:03	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 19:03	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 19:03	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 19:03	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:03	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 19:03	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 19:03	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:03	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 19:03	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 19:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:03	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 19:03	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 19:03	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		01/26/24 19:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/26/24 19:03	2199-69-1	
Toluene-d8 (S)	104	%	70-130		1		01/26/24 19:03	2037-26-5	
4500S2F Sulfide, Iodometric	Analytical Method: SM 4500-S F (2000)								
	Pace Analytical Services - Green Bay								
Sulfide	**<1.2**	mg/L	4.0	1.2	1		01/29/24 13:26		1q

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-82D **Lab ID: 40273516007** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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	**2010**	mg/L	200	59.1	100		01/29/24 15:29	16887-00-6	
Sulfate	**23.2**	mg/L	20.0	4.4	10		01/26/24 15:08	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**102**	mg/L	25.0	7.4	1		01/25/24 14:05		
410.4 COD	Analytical Method: EPA 410.4 Preparation Method: EPA 410.4 Pace Analytical Services - Green Bay								
Chemical Oxygen Demand	**623**	mg/L	400	118	1	02/02/24 02:00	02/02/24 05:04		
5310C TOC	Analytical Method: SM 5310C Pace Analytical Services - Green Bay								
Total Organic Carbon	**0.58**	mg/L	0.50	0.19	1		01/30/24 20:15	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-108 **Lab ID: 40273516008** Collected: 01/24/24 09:00 Received: 01/25/24 09:00 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		01/26/24 17:06	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:06	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:06	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:06	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 17:06	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 17:06	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 17:06	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:06	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 17:06	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 17:06	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 17:06	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 17:06	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 17:06	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 17:06	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 17:06	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 17:06	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 17:06	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 17:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 17:06	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 17:06	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 17:06	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 17:06	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 17:06	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 17:06	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:06	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 17:06	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 17:06	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 17:06	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 17:06	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 17:06	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:06	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:06	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 17:06	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 17:06	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 17:06	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 17:06	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 17:06	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 17:06	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:06	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:06	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 17:06	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 17:06	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 17:06	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 17:06	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:06	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-108 **Lab ID: 40273516008** Collected: 01/24/24 09:00 Received: 01/25/24 09:00 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		01/26/24 17:06	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 17:06	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 17:06	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 17:06	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:06	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 17:06	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:06	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 17:06	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 17:06	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:06	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 17:06	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 17:06	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:06	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 17:06	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 17:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		01/26/24 17:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/26/24 17:06	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/26/24 17:06	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-44 **Lab ID: 40273516009** Collected: 01/24/24 09:30 Received: 01/25/24 09:00 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		01/26/24 17:25	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:25	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:25	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:25	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 17:25	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 17:25	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 17:25	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:25	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 17:25	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 17:25	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 17:25	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 17:25	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 17:25	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 17:25	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 17:25	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 17:25	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 17:25	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 17:25	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 17:25	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 17:25	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 17:25	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 17:25	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 17:25	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:25	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 17:25	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 17:25	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 17:25	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 17:25	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 17:25	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:25	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:25	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 17:25	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 17:25	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 17:25	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 17:25	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 17:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 17:25	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:25	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:25	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 17:25	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 17:25	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 17:25	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 17:25	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:25	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-44 **Lab ID: 40273516009** Collected: 01/24/24 09:30 Received: 01/25/24 09:00 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		01/26/24 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 17:25	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 17:25	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 17:25	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:25	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 17:25	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:25	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 17:25	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 17:25	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:25	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 17:25	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 17:25	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:25	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 17:25	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 17:25	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/26/24 17:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/26/24 17:25	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/26/24 17:25	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-113 **Lab ID: 40273516010** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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		01/26/24 17:45	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:45	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:45	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:45	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 17:45	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 17:45	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 17:45	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:45	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 17:45	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 17:45	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 17:45	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 17:45	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 17:45	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 17:45	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 17:45	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 17:45	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 17:45	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 17:45	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 17:45	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 17:45	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 17:45	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 17:45	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 17:45	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 17:45	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:45	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 17:45	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 17:45	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		01/26/24 17:45	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 17:45	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 17:45	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:45	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:45	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 17:45	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 17:45	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 17:45	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 17:45	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 17:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 17:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:45	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:45	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 17:45	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 17:45	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 17:45	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 17:45	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:45	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-113 **Lab ID: 40273516010** Collected: 01/24/24 10:30 Received: 01/25/24 09:00 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		01/26/24 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 17:45	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 17:45	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 17:45	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 17:45	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 17:45	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 17:45	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 17:45	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 17:45	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 17:45	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 17:45	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 17:45	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 17:45	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/26/24 17:45	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 17:45	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/26/24 17:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/26/24 17:45	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/26/24 17:45	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-2109 **Lab ID: 40273516011** Collected: 01/24/24 09:15 Received: 01/25/24 09:00 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		01/26/24 19:22	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:22	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:22	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:22	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/26/24 19:22	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/26/24 19:22	74-83-9	L1
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 19:22	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:22	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/26/24 19:22	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/26/24 19:22	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/26/24 19:22	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/26/24 19:22	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/26/24 19:22	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/26/24 19:22	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 19:22	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/26/24 19:22	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/26/24 19:22	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/26/24 19:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/26/24 19:22	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/26/24 19:22	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 19:22	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 19:22	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/26/24 19:22	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/26/24 19:22	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:22	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/26/24 19:22	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/26/24 19:22	75-35-4	
cis-1,2-Dichloroethene	**15.6**	ug/L	1.0	0.47	1		01/26/24 19:22	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/26/24 19:22	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/26/24 19:22	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:22	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:22	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 19:22	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/26/24 19:22	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/26/24 19:22	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 19:22	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/26/24 19:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/26/24 19:22	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/26/24 19:22	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 19:22	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/26/24 19:22	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/26/24 19:22	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/26/24 19:22	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/26/24 19:22	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:22	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: 60705270 KEP
Pace Project No.: 40273516

Sample: MW-2109 **Lab ID: 40273516011** Collected: 01/24/24 09:15 Received: 01/25/24 09:00 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		01/26/24 19:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/26/24 19:22	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/26/24 19:22	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/26/24 19:22	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/26/24 19:22	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/26/24 19:22	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/26/24 19:22	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/26/24 19:22	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/26/24 19:22	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/26/24 19:22	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/26/24 19:22	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/26/24 19:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/26/24 19:22	108-67-8	
Vinyl chloride	**43.2**	ug/L	1.0	0.17	1		01/26/24 19:22	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/26/24 19:22	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		01/26/24 19:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/26/24 19:22	2199-69-1	
Toluene-d8 (S)	102	%	70-130		1		01/26/24 19:22	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: 60705270 KEP
Pace Project No.: 40273516

Sample: PZ-2109 **Lab ID: 40273516012** Collected: 01/24/24 09:50 Received: 01/25/24 09:00 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		01/29/24 17:17	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		01/29/24 17:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		01/29/24 17:17	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		01/29/24 17:17	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		01/29/24 17:17	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		01/29/24 17:17	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		01/29/24 17:17	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		01/29/24 17:17	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		01/29/24 17:17	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		01/29/24 17:17	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		01/29/24 17:17	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		01/29/24 17:17	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		01/29/24 17:17	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		01/29/24 17:17	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/29/24 17:17	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		01/29/24 17:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		01/29/24 17:17	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		01/29/24 17:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		01/29/24 17:17	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		01/29/24 17:17	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		01/29/24 17:17	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		01/29/24 17:17	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		01/29/24 17:17	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		01/29/24 17:17	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/29/24 17:17	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		01/29/24 17:17	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		01/29/24 17:17	75-35-4	
cis-1,2-Dichloroethene	**3.4**	ug/L	1.0	0.47	1		01/29/24 17:17	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		01/29/24 17:17	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		01/29/24 17:17	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		01/29/24 17:17	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		01/29/24 17:17	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		01/29/24 17:17	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		01/29/24 17:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		01/29/24 17:17	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		01/29/24 17:17	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		01/29/24 17:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		01/29/24 17:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		01/29/24 17:17	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		01/29/24 17:17	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		01/29/24 17:17	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		01/29/24 17:17	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		01/29/24 17:17	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		01/29/24 17:17	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		01/29/24 17:17	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: 60705270 KEP
Pace Project No.: 40273516

Sample: PZ-2109 **Lab ID: 40273516012** Collected: 01/24/24 09:50 Received: 01/25/24 09:00 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		01/29/24 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		01/29/24 17:17	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		01/29/24 17:17	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		01/29/24 17:17	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		01/29/24 17:17	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/29/24 17:17	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		01/29/24 17:17	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		01/29/24 17:17	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		01/29/24 17:17	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		01/29/24 17:17	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		01/29/24 17:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		01/29/24 17:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		01/29/24 17:17	108-67-8	
Vinyl chloride	**19.1**	ug/L	1.0	0.17	1		01/29/24 17:17	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		01/29/24 17:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		01/29/24 17:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/29/24 17:17	2199-69-1	
Toluene-d8 (S)	105	%	70-130		1		01/29/24 17:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465885
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: 40273516006, 40273516007

METHOD BLANK: 2670847 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.39	5.6	01/30/24 10:23	
Ethene	ug/L	<0.25	5.0	01/30/24 10:23	
Methane	ug/L	<0.58	2.8	01/30/24 10:23	

LABORATORY CONTROL SAMPLE & LCSD: 2670848 2670849

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	60.3	104	113	80-120	8	20	
Ethene	ug/L	50	51.8	56.0	104	112	80-120	8	20	
Methane	ug/L	28.6	28.9	31.8	101	111	80-120	9	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2671700 2671701

Parameter	Units	40273470026 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	536	536	574	605	107	113	77-120	5	20	
Ethene	ug/L	11.3	500	500	540	567	106	111	76-120	5	20	
Methane	ug/L	2080	286	286	1410	1550	-235	-187	12-198	9	26	M1

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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: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465600
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273516006, 40273516007

METHOD BLANK: 2669279 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	mg/L	<0.058	0.25	01/30/24 16:13	
Manganese	mg/L	<0.0012	0.0040	01/30/24 16:13	

LABORATORY CONTROL SAMPLE: 2669280

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669281 2669282

Parameter	Units	40273470031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	mg/L	15.7	10	10	28.2	27.8	125	121	75-125	1	20	
Manganese	mg/L	0.013	0.25	0.25	0.30	0.29	114	111	75-125	3	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: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465599
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273516006, 40273516007

METHOD BLANK: 2669275 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Barium, Dissolved	mg/L	<0.00070	0.0023	01/30/24 19:36	
Chromium, Dissolved	mg/L	<0.0010	0.0034	01/30/24 19:36	
Iron, Dissolved	mg/L	<0.058	0.25	01/30/24 19:36	
Lead, Dissolved	mg/L	<0.00024	0.0010	01/30/24 19:36	
Manganese, Dissolved	mg/L	<0.0012	0.0040	01/30/24 19:36	
Nickel, Dissolved	mg/L	<0.00028	0.0010	01/30/24 19:36	

LABORATORY CONTROL SAMPLE: 2669276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Barium, Dissolved	mg/L	0.25	0.25	102	80-120	
Chromium, Dissolved	mg/L	0.25	0.26	102	80-120	
Iron, Dissolved	mg/L	10	10.2	102	80-120	
Lead, Dissolved	mg/L	0.25	0.26	103	80-120	
Manganese, Dissolved	mg/L	0.25	0.25	102	80-120	
Nickel, Dissolved	mg/L	0.25	0.25	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669277 2669278

Parameter	Units	40273470033 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	0.28	0.28	103	103	75-125	0	20	
Chromium, Dissolved	mg/L	<0.051	0.25	0.25	0.30	0.30	108	109	75-125	1	20	
Iron, Dissolved	mg/L	80.7	10	10	93.0	91.7	123	109	75-125	1	20	
Lead, Dissolved	mg/L	<0.0024	0.25	0.25	0.27	0.26	106	106	75-125	1	20	
Manganese, Dissolved	mg/L	1.3	0.25	0.25	1.6	1.5	125	106	75-125	3	20	
Nickel, Dissolved	mg/L	<0.014	0.25	0.25	0.30	0.31	115	117	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: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465687
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273516001, 40273516002, 40273516003, 40273516004, 40273516005, 40273516006, 40273516007, 40273516008, 40273516009, 40273516010, 40273516011

METHOD BLANK: 2669740
Matrix: Water
Associated Lab Samples: 40273516001, 40273516002, 40273516003, 40273516004, 40273516005, 40273516006, 40273516007, 40273516008, 40273516009, 40273516010, 40273516011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/26/24 10:17	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/26/24 10:17	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/26/24 10:17	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/26/24 10:17	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/26/24 10:17	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/26/24 10:17	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/26/24 10:17	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/26/24 10:17	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/26/24 10:17	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/26/24 10:17	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/26/24 10:17	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/26/24 10:17	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/26/24 10:17	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/26/24 10:17	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/26/24 10:17	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/26/24 10:17	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/26/24 10:17	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/26/24 10:17	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/26/24 10:17	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/26/24 10:17	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/26/24 10:17	
2-Chlorotoluene	ug/L	<0.89	5.0	01/26/24 10:17	
4-Chlorotoluene	ug/L	<0.89	5.0	01/26/24 10:17	
Benzene	ug/L	<0.30	1.0	01/26/24 10:17	
Bromobenzene	ug/L	<0.36	1.0	01/26/24 10:17	
Bromochloromethane	ug/L	<0.36	1.0	01/26/24 10:17	
Bromodichloromethane	ug/L	<0.42	1.0	01/26/24 10:17	
Bromoform	ug/L	<0.43	1.0	01/26/24 10:17	
Bromomethane	ug/L	<1.2	5.0	01/26/24 10:17	
Carbon tetrachloride	ug/L	<0.37	1.0	01/26/24 10:17	
Chlorobenzene	ug/L	<0.86	1.0	01/26/24 10:17	
Chloroethane	ug/L	<1.4	5.0	01/26/24 10:17	
Chloroform	ug/L	<0.50	5.0	01/26/24 10:17	
Chloromethane	ug/L	<1.6	5.0	01/26/24 10:17	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/26/24 10:17	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/26/24 10:17	
Dibromochloromethane	ug/L	<2.6	5.0	01/26/24 10:17	
Dibromomethane	ug/L	<0.99	5.0	01/26/24 10:17	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/26/24 10:17	

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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: 60705270 KEP
Pace Project No.: 40273516

METHOD BLANK: 2669740 Matrix: Water

Associated Lab Samples: 40273516001, 40273516002, 40273516003, 40273516004, 40273516005, 40273516006, 40273516007, 40273516008, 40273516009, 40273516010, 40273516011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	01/26/24 10:17	
Ethylbenzene	ug/L	<0.33	1.0	01/26/24 10:17	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/26/24 10:17	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/26/24 10:17	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/26/24 10:17	
Methylene Chloride	ug/L	<0.32	5.0	01/26/24 10:17	
n-Butylbenzene	ug/L	<0.86	1.0	01/26/24 10:17	
n-Propylbenzene	ug/L	<0.35	1.0	01/26/24 10:17	
Naphthalene	ug/L	<1.9	5.0	01/26/24 10:17	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/26/24 10:17	
sec-Butylbenzene	ug/L	<0.42	1.0	01/26/24 10:17	
Styrene	ug/L	<0.36	1.0	01/26/24 10:17	
tert-Butylbenzene	ug/L	<0.59	1.0	01/26/24 10:17	
Tetrachloroethene	ug/L	<0.41	1.0	01/26/24 10:17	
Toluene	ug/L	<0.29	1.0	01/26/24 10:17	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/26/24 10:17	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/26/24 10:17	
Trichloroethene	ug/L	<0.32	1.0	01/26/24 10:17	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/26/24 10:17	
Vinyl chloride	ug/L	<0.17	1.0	01/26/24 10:17	
Xylene (Total)	ug/L	<1.0	3.0	01/26/24 10:17	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	01/26/24 10:17	
4-Bromofluorobenzene (S)	%	107	70-130	01/26/24 10:17	
Toluene-d8 (S)	%	105	70-130	01/26/24 10:17	

LABORATORY CONTROL SAMPLE: 2669741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.8	96	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	56.5	113	70-130	
1,1,2-Trichloroethane	ug/L	50	53.6	107	70-130	
1,1-Dichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethene	ug/L	50	62.4	125	73-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.4	99	70-130	
1,2-Dichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dichloroethane	ug/L	50	58.8	118	70-130	
1,2-Dichloropropane	ug/L	50	60.4	121	77-127	
1,3-Dichlorobenzene	ug/L	50	51.9	104	70-130	
1,4-Dichlorobenzene	ug/L	50	52.5	105	70-130	
Benzene	ug/L	50	52.8	106	70-130	
Bromodichloromethane	ug/L	50	56.4	113	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: 60705270 KEP
Pace Project No.: 40273516

LABORATORY CONTROL SAMPLE: 2669741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	41.4	83	70-130	
Bromomethane	ug/L	50	72.4	145	22-141	L1
Carbon tetrachloride	ug/L	50	43.0	86	70-135	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	65.8	132	59-141	
Chloroform	ug/L	50	50.9	102	80-124	
Chloromethane	ug/L	50	62.8	126	29-150	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.2	106	70-130	
Dibromochloromethane	ug/L	50	45.5	91	70-130	
Dichlorodifluoromethane	ug/L	50	53.5	107	10-147	
Ethylbenzene	ug/L	50	57.3	115	80-125	
Isopropylbenzene (Cumene)	ug/L	50	56.0	112	70-130	
Methyl-tert-butyl ether	ug/L	50	43.4	87	64-131	
Methylene Chloride	ug/L	50	48.3	97	70-137	
Styrene	ug/L	50	60.3	121	70-130	
Tetrachloroethene	ug/L	50	49.9	100	70-130	
Toluene	ug/L	50	54.6	109	80-120	
trans-1,2-Dichloroethene	ug/L	50	47.9	96	70-131	
trans-1,3-Dichloropropene	ug/L	50	53.0	106	70-130	
Trichloroethene	ug/L	50	52.5	105	70-130	
Trichlorofluoromethane	ug/L	50	69.6	139	69-141	
Vinyl chloride	ug/L	50	62.7	125	51-145	
Xylene (Total)	ug/L	150	169	113	70-130	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Toluene-d8 (S)	%			104	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: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465799
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40273516012

METHOD BLANK: 2670554 Matrix: Water
Associated Lab Samples: 40273516012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/29/24 10:30	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/29/24 10:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/29/24 10:30	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	01/29/24 10:30	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/29/24 10:30	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/29/24 10:30	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/29/24 10:30	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/29/24 10:30	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	01/29/24 10:30	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/29/24 10:30	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/29/24 10:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/29/24 10:30	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/29/24 10:30	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/29/24 10:30	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/29/24 10:30	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/29/24 10:30	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/29/24 10:30	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/29/24 10:30	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/29/24 10:30	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/29/24 10:30	
2,2-Dichloropropane	ug/L	<0.42	1.0	01/29/24 10:30	
2-Chlorotoluene	ug/L	<0.89	5.0	01/29/24 10:30	
4-Chlorotoluene	ug/L	<0.89	5.0	01/29/24 10:30	
Benzene	ug/L	<0.30	1.0	01/29/24 10:30	
Bromobenzene	ug/L	<0.36	1.0	01/29/24 10:30	
Bromochloromethane	ug/L	<0.36	1.0	01/29/24 10:30	
Bromodichloromethane	ug/L	<0.42	1.0	01/29/24 10:30	
Bromoform	ug/L	<0.43	1.0	01/29/24 10:30	
Bromomethane	ug/L	<1.2	5.0	01/29/24 10:30	
Carbon tetrachloride	ug/L	<0.37	1.0	01/29/24 10:30	
Chlorobenzene	ug/L	<0.86	1.0	01/29/24 10:30	
Chloroethane	ug/L	<1.4	5.0	01/29/24 10:30	
Chloroform	ug/L	<0.50	5.0	01/29/24 10:30	
Chloromethane	ug/L	<1.6	5.0	01/29/24 10:30	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/29/24 10:30	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	01/29/24 10:30	
Dibromochloromethane	ug/L	<2.6	5.0	01/29/24 10:30	
Dibromomethane	ug/L	<0.99	5.0	01/29/24 10:30	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/29/24 10:30	
Diisopropyl ether	ug/L	<1.1	5.0	01/29/24 10:30	

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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: 60705270 KEP
Pace Project No.: 40273516

METHOD BLANK: 2670554 Matrix: Water
Associated Lab Samples: 40273516012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	01/29/24 10:30	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/29/24 10:30	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/29/24 10:30	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/29/24 10:30	
Methylene Chloride	ug/L	<0.32	5.0	01/29/24 10:30	
n-Butylbenzene	ug/L	<0.86	1.0	01/29/24 10:30	
n-Propylbenzene	ug/L	<0.35	1.0	01/29/24 10:30	
Naphthalene	ug/L	<1.9	5.0	01/29/24 10:30	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/29/24 10:30	
sec-Butylbenzene	ug/L	<0.42	1.0	01/29/24 10:30	
Styrene	ug/L	<0.36	1.0	01/29/24 10:30	
tert-Butylbenzene	ug/L	<0.59	1.0	01/29/24 10:30	
Tetrachloroethene	ug/L	<0.41	1.0	01/29/24 10:30	
Toluene	ug/L	<0.29	1.0	01/29/24 10:30	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/29/24 10:30	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	01/29/24 10:30	
Trichloroethene	ug/L	<0.32	1.0	01/29/24 10:30	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/29/24 10:30	
Vinyl chloride	ug/L	<0.17	1.0	01/29/24 10:30	
Xylene (Total)	ug/L	<1.0	3.0	01/29/24 10:30	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	01/29/24 10:30	
4-Bromofluorobenzene (S)	%	100	70-130	01/29/24 10:30	
Toluene-d8 (S)	%	104	70-130	01/29/24 10:30	

LABORATORY CONTROL SAMPLE: 2670555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	56.9	114	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	55.6	111	70-130	
1,1,2-Trichloroethane	ug/L	50	55.3	111	70-130	
1,1-Dichloroethane	ug/L	50	53.7	107	70-130	
1,1-Dichloroethene	ug/L	50	57.3	115	73-140	
1,2,4-Trichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.3	109	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	56.3	113	70-130	
1,2-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dichloroethane	ug/L	50	55.2	110	70-130	
1,2-Dichloropropane	ug/L	50	52.8	106	77-127	
1,3-Dichlorobenzene	ug/L	50	54.9	110	70-130	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-130	
Benzene	ug/L	50	53.4	107	70-130	
Bromodichloromethane	ug/L	50	57.4	115	70-130	
Bromoform	ug/L	50	55.3	111	70-130	
Bromomethane	ug/L	50	37.3	75	22-141	

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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: 60705270 KEP
Pace Project No.: 40273516

LABORATORY CONTROL SAMPLE: 2670555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon tetrachloride	ug/L	50	57.4	115	70-135	
Chlorobenzene	ug/L	50	54.2	108	70-130	
Chloroethane	ug/L	50	55.3	111	59-141	
Chloroform	ug/L	50	56.3	113	80-124	
Chloromethane	ug/L	50	48.1	96	29-150	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.4	109	70-130	
Dibromochloromethane	ug/L	50	55.8	112	70-130	
Dichlorodifluoromethane	ug/L	50	50.2	100	10-147	
Ethylbenzene	ug/L	50	55.8	112	80-125	
Isopropylbenzene (Cumene)	ug/L	50	55.9	112	70-130	
Methyl-tert-butyl ether	ug/L	50	63.0	126	64-131	
Methylene Chloride	ug/L	50	58.5	117	70-137	
Styrene	ug/L	50	55.5	111	70-130	
Tetrachloroethene	ug/L	50	53.0	106	70-130	
Toluene	ug/L	50	53.8	108	80-120	
trans-1,2-Dichloroethene	ug/L	50	57.3	115	70-131	
trans-1,3-Dichloropropene	ug/L	50	54.6	109	70-130	
Trichloroethene	ug/L	50	53.6	107	70-130	
Trichlorofluoromethane	ug/L	50	56.4	113	69-141	
Vinyl chloride	ug/L	50	50.2	100	51-145	
Xylene (Total)	ug/L	150	166	111	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670621 2670622

Parameter	Units	40273610001 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	54.0	54.3	108	109	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50.5	51.5	101	103	70-131	2	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.4	51.8	99	104	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.3	52.8	105	106	70-131	1	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	54.8	55.3	110	111	69-146	1	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.0	49.6	96	99	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50.4	51.9	101	104	56-130	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50.7	52.7	101	105	70-130	4	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.7	51.3	101	103	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	51.0	51.0	102	102	70-130	0	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	52.8	52.9	106	106	77-129	0	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.4	55.2	107	110	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.4	51.7	101	103	70-130	2	20	
Benzene	ug/L	<0.30	50	50	51.9	52.4	104	105	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: 60705270 KEP
Pace Project No.: 40273516

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670621 2670622

Parameter	Units	40273610001 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	54.9	54.7	110	109	70-130	0	20	
Bromoform	ug/L	<0.43	50	50	48.9	51.0	98	102	70-130	4	20	
Bromomethane	ug/L	<1.2	50	50	42.5	45.3	85	91	12-159	6	26	
Carbon tetrachloride	ug/L	<0.37	50	50	54.8	55.2	110	110	70-135	1	20	
Chlorobenzene	ug/L	<0.86	50	50	51.1	52.4	102	105	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	55.4	53.1	111	106	56-143	4	20	
Chloroform	ug/L	<0.50	50	50	54.7	55.4	109	111	80-126	1	20	
Chloromethane	ug/L	<1.6	50	50	47.7	47.0	95	94	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.6	52.2	105	104	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	51.6	53.5	103	107	70-130	4	20	
Dibromochloromethane	ug/L	<2.6	50	50	52.2	52.1	104	104	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	46.7	46.9	93	94	10-147	0	20	
Ethylbenzene	ug/L	<0.33	50	50	53.4	54.6	107	109	80-126	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.1	55.0	106	110	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	58.3	59.2	117	118	64-136	2	20	
Methylene Chloride	ug/L	<0.32	50	50	59.1	59.0	118	118	70-137	0	20	
Styrene	ug/L	<0.36	50	50	54.4	56.0	109	112	70-133	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.7	52.5	101	105	70-131	3	20	
Toluene	ug/L	<0.29	50	50	50.5	52.0	101	104	80-121	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	56.3	55.2	113	110	70-135	2	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	50.8	51.6	102	103	70-130	2	20	
Trichloroethene	ug/L	0.76J	50	50	52.0	53.1	102	105	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	54.7	54.9	109	110	67-142	0	20	
Vinyl chloride	ug/L	<0.17	50	50	49.8	49.2	100	98	45-147	1	20	
Xylene (Total)	ug/L	<1.0	150	150	158	164	105	110	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						98	99	70-130			
4-Bromofluorobenzene (S)	%						99	100	70-130			
Toluene-d8 (S)	%						101	104	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: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465828
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: 40273516006, 40273516007

METHOD BLANK: 2670667 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	<1.2	4.0	01/29/24 12:21	

LABORATORY CONTROL SAMPLE: 2670668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	50.8	42.4	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670669 2670670

Parameter	Units	40273470031 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	50.8	50.8	45.2	42.0	89	83	80-120	7	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
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465684
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: 40273516006, 40273516007

METHOD BLANK: 2669722 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.59	2.0	01/26/24 20:38	
Sulfate	mg/L	<0.44	2.0	01/26/24 20:38	

LABORATORY CONTROL SAMPLE: 2669723

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.1	101	90-110	
Sulfate	mg/L	20	20.5	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669724 2669725

Parameter	Units	40273525002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	753	1000	1000	1800	1860	105	110	90-110	3	15	
Sulfate	mg/L	69.2	200	200	262	267	96	99	90-110	2	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669726 2669727

Parameter	Units	40273543001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	219	400	400	648	645	107	106	90-110	1	15	
Sulfate	mg/L	369	400	400	774	768	101	100	90-110	1	15	

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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: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465654
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: 40273516006, 40273516007

METHOD BLANK: 2669581 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	01/25/24 13:44	

LABORATORY CONTROL SAMPLE: 2669582

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: 2669583 2669584

Parameter	Units	40273470031 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	401	500	500	905	915	101	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2669585 2669586

Parameter	Units	40273516007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	102	100	100	195	194	93	92	90-110	0	20	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 466220
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: 40273516006, 40273516007

METHOD BLANK: 2672617 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	<14.7	50.0	02/02/24 05:04	

LABORATORY CONTROL SAMPLE: 2672618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	500	513	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2672619 2672620

Parameter	Units	40273539002 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	22.7J	526	526	556	556	101	101	90-110	0	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60705270 KEP
Pace Project No.: 40273516

QC Batch: 465779
QC Batch Method: SM 5310C
Analysis Method: SM 5310C
Analysis Description: 5310C Total Organic Carbon
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40273516006, 40273516007

METHOD BLANK: 2670490 Matrix: Water
Associated Lab Samples: 40273516006, 40273516007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Organic Carbon	mg/L	<0.19	0.50	01/30/24 13:14	

LABORATORY CONTROL SAMPLE: 2670491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	12.5	11.7	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670492 2670493

Parameter	Units	40273470026 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	14.3	36	36	45.4	46.9	86	91	80-120	3	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2670494 2670495

Parameter	Units	40273470027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	2.7	6	6	8.1	8.3	92	94	80-120	2	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 60705270 KEP
Pace Project No.: 40273516

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 - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1q	Sample was received with headspace.
2q	The internal standard response was below the laboratory acceptance criteria limits confirmed by re-analysis. The results reported are from the most QC compliant analysis. Results may be biased high.
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.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S1	Surrogate recovery outside laboratory control limits (confirmed by re-analysis).

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60705270 KEP
Pace Project No.: 40273516

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40273516006	**MW-82**	EPA 8015B Modified	465885		
40273516007	**MW-82D**	EPA 8015B Modified	465885		
40273516006	**MW-82**	EPA 3010A	465600	EPA 6020B	465755
40273516007	**MW-82D**	EPA 3010A	465600	EPA 6020B	465755
40273516006	**MW-82**	EPA 3010A	465599	EPA 6020B	465753
40273516007	**MW-82D**	EPA 3010A	465599	EPA 6020B	465753
40273516001	**TB-02**	EPA 8260	465687		
40273516002	**MW-79**	EPA 8260	465687		
40273516003	**MW-80**	EPA 8260	465687		
40273516004	**MW-81**	EPA 8260	465687		
40273516005	**PZ-82**	EPA 8260	465687		
40273516006	**MW-82**	EPA 8260	465687		
40273516007	**MW-82D**	EPA 8260	465687		
40273516008	**MW-108**	EPA 8260	465687		
40273516009	**MW-44**	EPA 8260	465687		
40273516010	**MW-113**	EPA 8260	465687		
40273516011	**MW-2109**	EPA 8260	465687		
40273516012	**PZ-2109**	EPA 8260	465799		
40273516006	**MW-82**	SM 4500-S F (2000)	465828		
40273516007	**MW-82D**	SM 4500-S F (2000)	465828		
40273516006	**MW-82**	EPA 300.0	465684		
40273516007	**MW-82D**	EPA 300.0	465684		
40273516006	**MW-82**	EPA 310.2	465654		
40273516007	**MW-82D**	EPA 310.2	465654		
40273516006	**MW-82**	EPA 410.4	466220	EPA 410.4	466222
40273516007	**MW-82D**	EPA 410.4	466220	EPA 410.4	466222
40273516006	**MW-82**	SM 5310C	465779		
40273516007	**MW-82D**	SM 5310C	465779		

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody Is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

402735516

Scan QR Code for instructions

Company Name:	AECOM, Inc. - Milwaukee	Contact/Report To:	Lanette Altenbach
Street Address:	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #:	414-944-6186
		E-Mail:	lanette altenbach@aecom com
		Cc E-Mail:	keith.nielsen@aecom com
Customer Project #			
Project Name:	60705270 KEP	Invoice To.	Finance Dept
		Invoice E-Mail:	lanette altenbach@aecom com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable)	200476
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET		County / State origin of sample(s):	Wisconsin
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable	
	Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No	
		Analysis:	

* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

2024

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4, 310 2 Alkalinity	410 4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals	Sample Comment
TB-02	GW	G			01/24	0730	2			2								001
MW-79						0745	3			3								002
MW-80						0830	3			3								003
MW-81						0900	3			3								004
PZ-82						0940	3			3								005
MW-82						1030	12			3	3	1	1	1	1	1	1	006
MW-82B						1030	12			3	3	1	1	1	1	1	1	007
MW-108						0900	3			3								008
MW-44						0930	3			3								009
MW-113	↓	↓			↓	1030	3			3								010

Specify Container Size **: 6 6 3 3 2 4 3 3

Identify Container Preservative Type***: 4 4 1 3 5,6 3 2 2

Analysis Requested

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Christopher Hyska**

AcctNum / Client ID:

Table #:

Profile / Template: **2430**

Prelog / Bottle Ord. ID: **EZ 3049554**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®.
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110
Dissolved
Ca, Mg, Na, K also

Collected By. (Printed Name): Keith Nielsen

Signature: KGN AECOM

Customer Remarks / Special Conditions / Possible Hazards.

# Coolers:	Thermometer ID.	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice

Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Tracking Number:
KGN AECOM	01/24/2024 @1508			
CS Logistics	1/25/24 0900		1/25/24 0900	Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
				Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www pacelabs com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Green Bay
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

40 273516

Scan QR Code for instructions

Company Name	AECOM, Inc - Milwaukee	Contact/Report To:	Lanette Altenbach
Street Address	1555 N River Center Drive, Suite 214 Milwaukee, WI 53212	Phone #	414-944-6186
		E-Mail:	lanette altenbach@aecom.com
		Cc E-Mail:	keith nielsen@aecom com
Customer Project #			
Project Name	60705270 KEP	Invoice To:	Finance Dept
		Invoice E-Mail.	lanette altenbach@aecom com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	200476
		Quote #.	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [X] CT [ ] ET		County / State origin of sample(s):	Wisconsin
Data Deliverables [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable	Reportable [ ] Yes [ ] No	
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable	
	Date Results Requested:	Field Filtered (if applicable) [ ] Yes [ ] No Analysis:	

* Matrix Codes (Insert in Matrix box below) Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

2024

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	8260 VOCs	8015 Methane, Ethane, Ethene	300 0 CL/SO4; 310 2 Alkalinity	410.4 COD	4500S2F Sulfide	5310C TOC	6020B Dissolved Metals	6020B Total Metals			Sample Comment
MW-2109	GW	G			01/24	0915	3			3										011
PZ-2109	GW	G			01/24	0950	3			3										012

KEN 01/24/2024

Specify Container Size **

6	6	3	3	2	4	3	3		

Identify Container Preservative Type***

4	4	1	3	5,6	3	2	2		

Analysis Requested

**Container Size (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Christopher Hyska**
AcctNum / Client ID:
Table #:
Profile / Template: **2430**
Prelog / Bottle Ord. ID: **EZ 3049554**

Preservation non-conformance identified for sample

Additional Instructions from Pace®
Total Metals - Fe, Mn
Metals - Fe, Mn, Ba, Cd, Pb, Ni
for PZ-2103, PZ-2101, PZ-2110

Dissolved
Ca, Mg, Na, K also

Collected By:
(Printed Name) Keith Nielsen
Signature KEN AECOM

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:

Relinquished by/Company (Signature) KEN AECOM	Date/Time 01/24/2024 @1500	Received by/Company (Signature)	Date/Time	Tracking Number:
Relinquished by/Company (Signature) CS Logistics	Date/Time 1/25/24 0900	Received by/Company (Signature)	Date/Time 1/25/24 0900	Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	
Relinquished by/Company (Signature)	Date/Time	Received by/Company (Signature)	Date/Time	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www pacelabs com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Sample Preservation Receipt Form

Client Name: AECOM Project # 402735516

All containers needing preservation have been checked and noted below. ☐Yes ☐No ☐N/A Initial when completed MH Date/ Time:

Lab Lot# of pH paper. 1000134 Lab Std #ID of preservation (if pH adjusted).

	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *						
Pace Lab #	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		H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	2																	2.5 / 5
002																	2																	2.5 / 5
003																	2																	2.5 / 5
004																	2																	2.5 / 5
005																	2																	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																	2																	2.5 / 5
009																	2																	2.5 / 5
010																	2																	2.5 / 5
011																	2																	2.5 / 5
012																	2																	2.5 / 5
013																																		2.5 / 5
014																																		2.5 / 5
015																																		2.5 / 5
016																																		2.5 / 5
017																																		2.5 / 5
018																																		2.5 / 5
019																																		2.5 / 5
020																																		2.5 / 5

mH 1/25/24

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	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40273516

40273516

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 - 120 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 2.0 /Corr: 2.0

Temp Blank Present: ~~yes~~ ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents:
Date: 1/25/24 /Initials: MH

Labeled By Initials: 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: MH 1/25/24	~~Yes~~ ~~No~~ ☐N/A	12. UO7 has ID of MW-820 MH 1/25/24
-Includes date/time/ID/Analysis Matrix: W		
Trip Blank Present:	~~Yes~~ ☐No ☐N/A	13.
Trip Blank Custody Seals Present	~~Yes~~ ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 515		

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

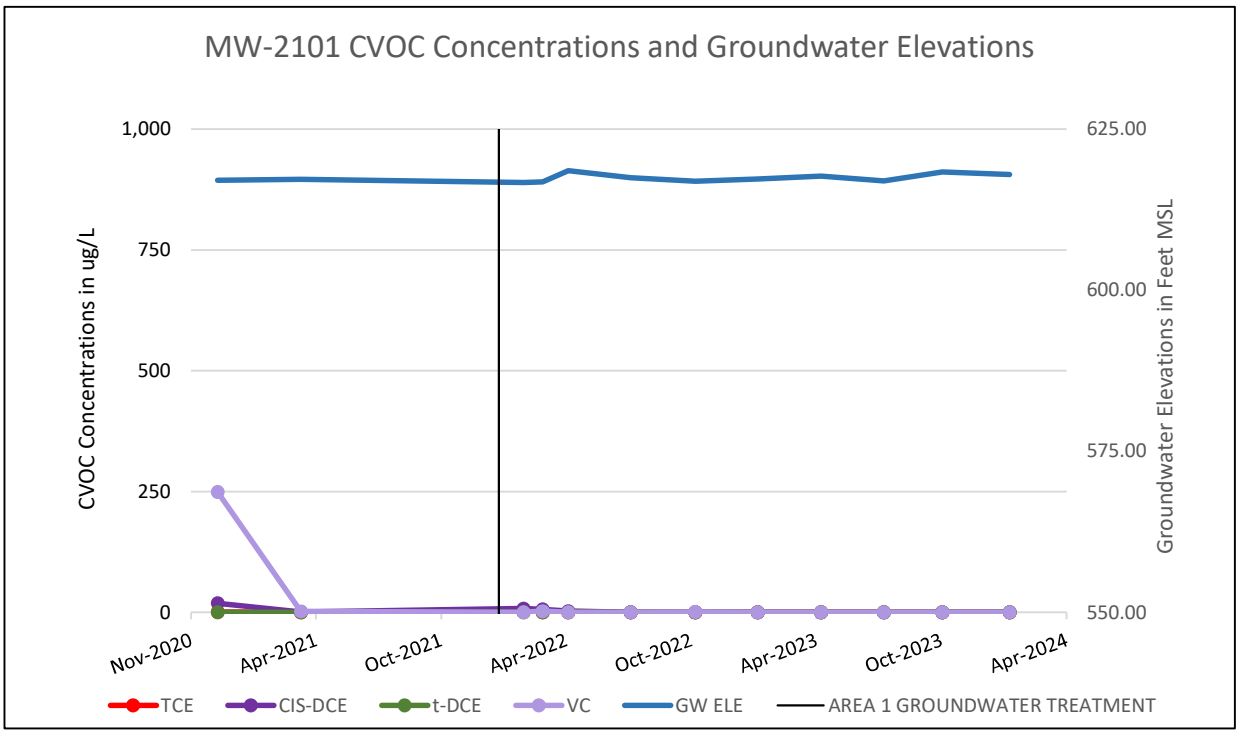
Person Contacted: _____ Date/Time: _____

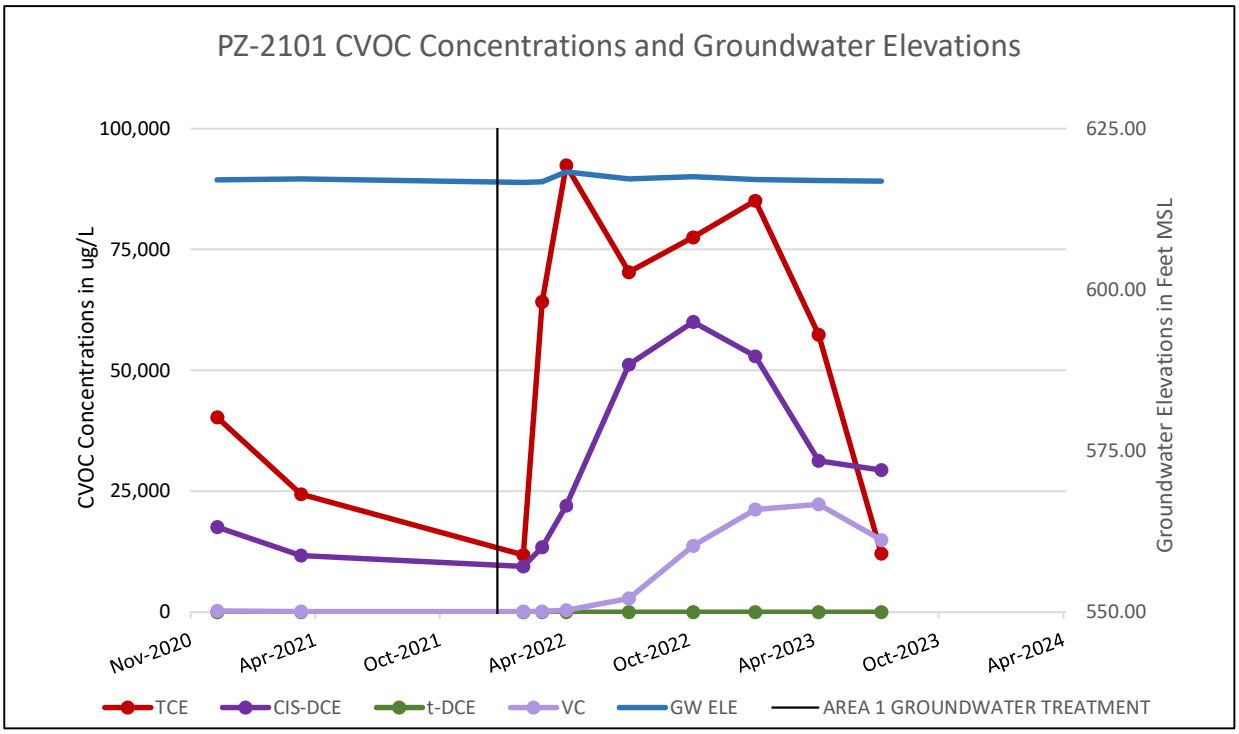
Comments/ Resolution: _____

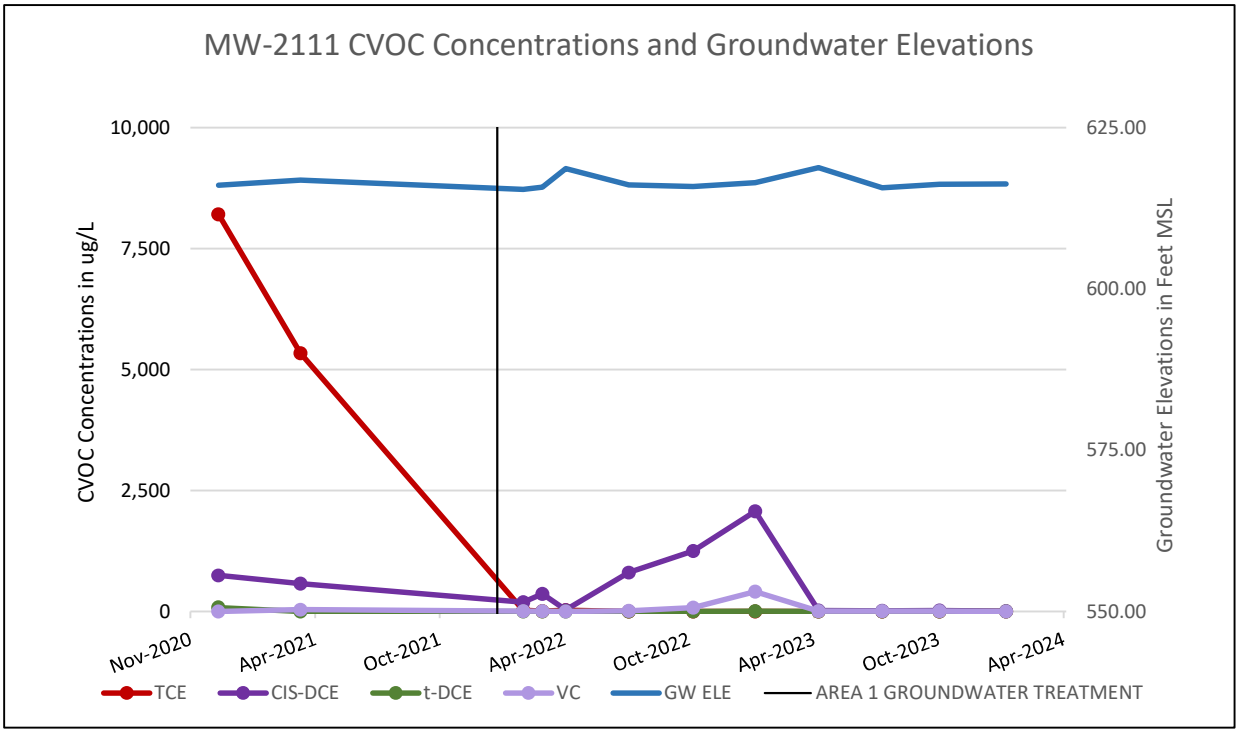
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

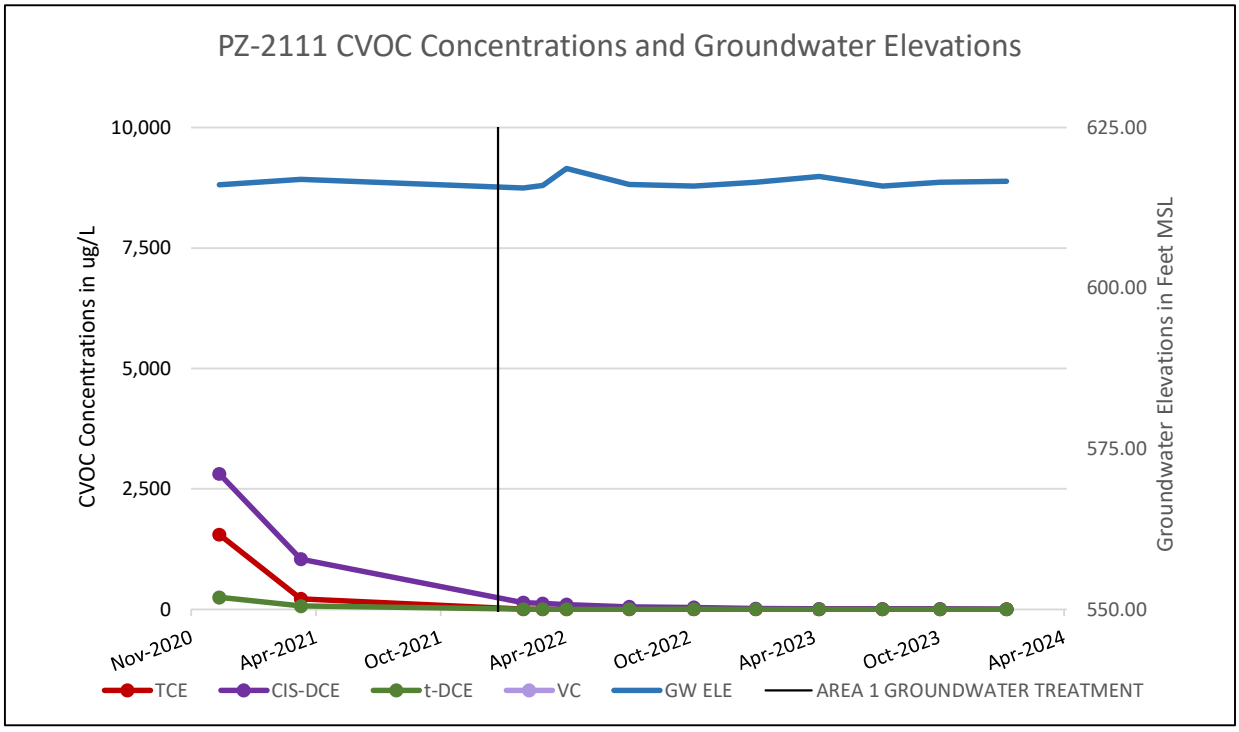
Page 2 of 2

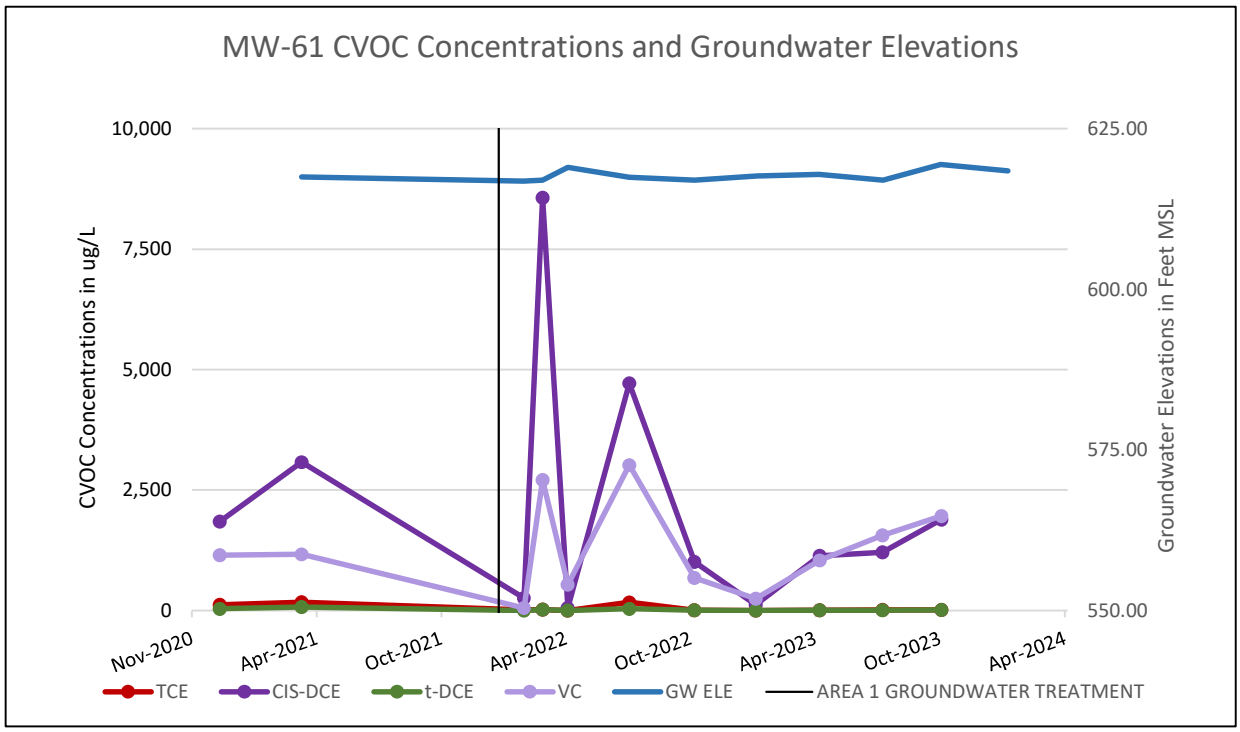
Appendix C Remediation Area 1 Concentration Graphs

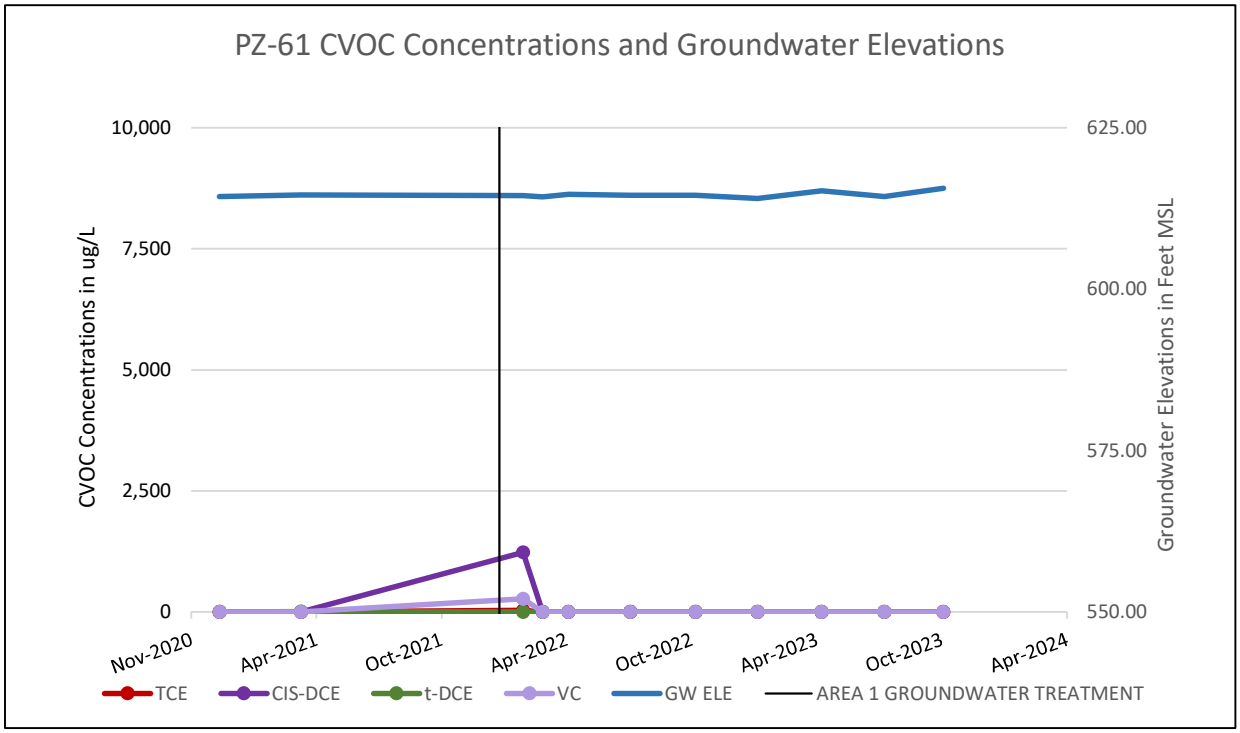

MW-2101 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

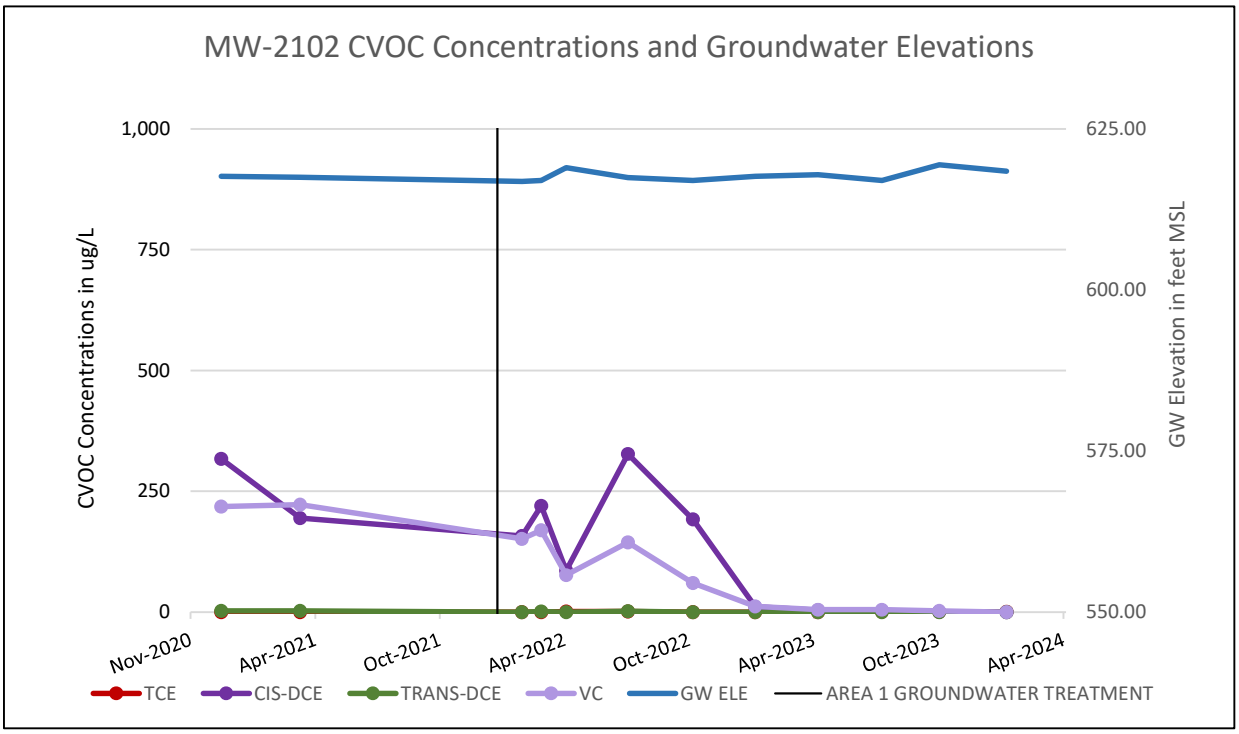

PZ-2101 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
100,000
75,000
50,000
25,000
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

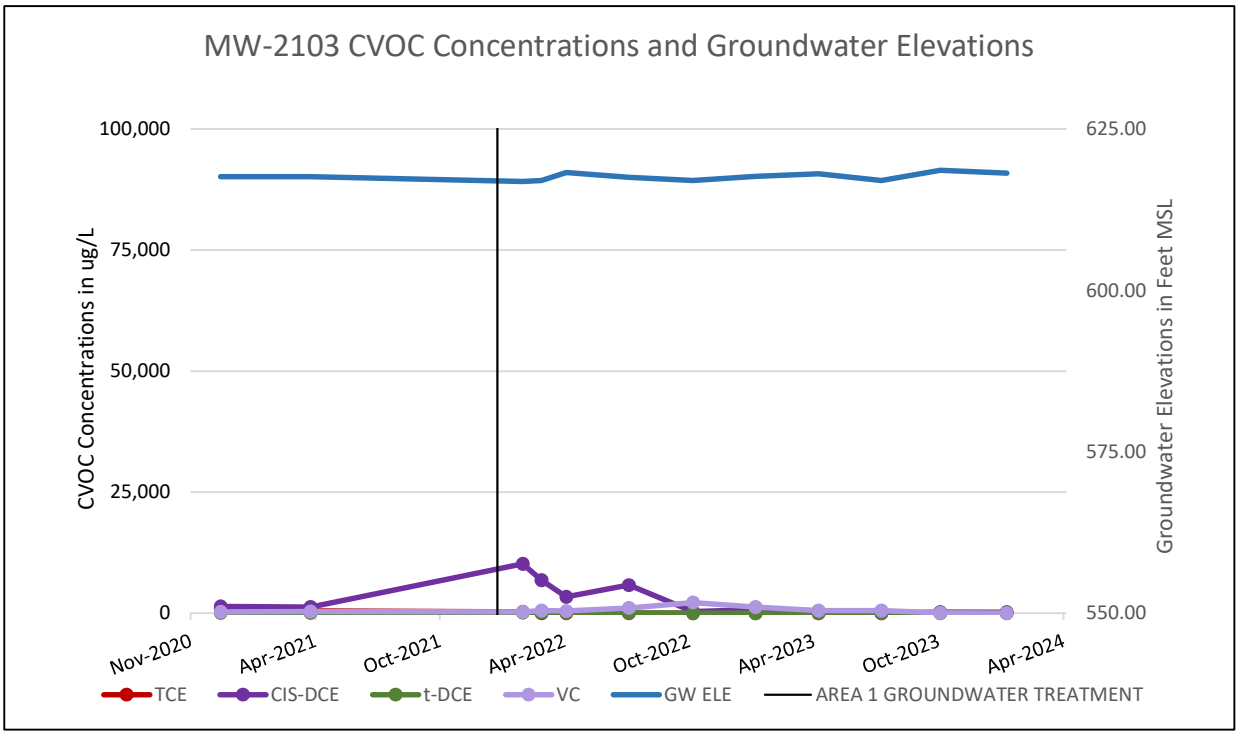

MW-2111 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

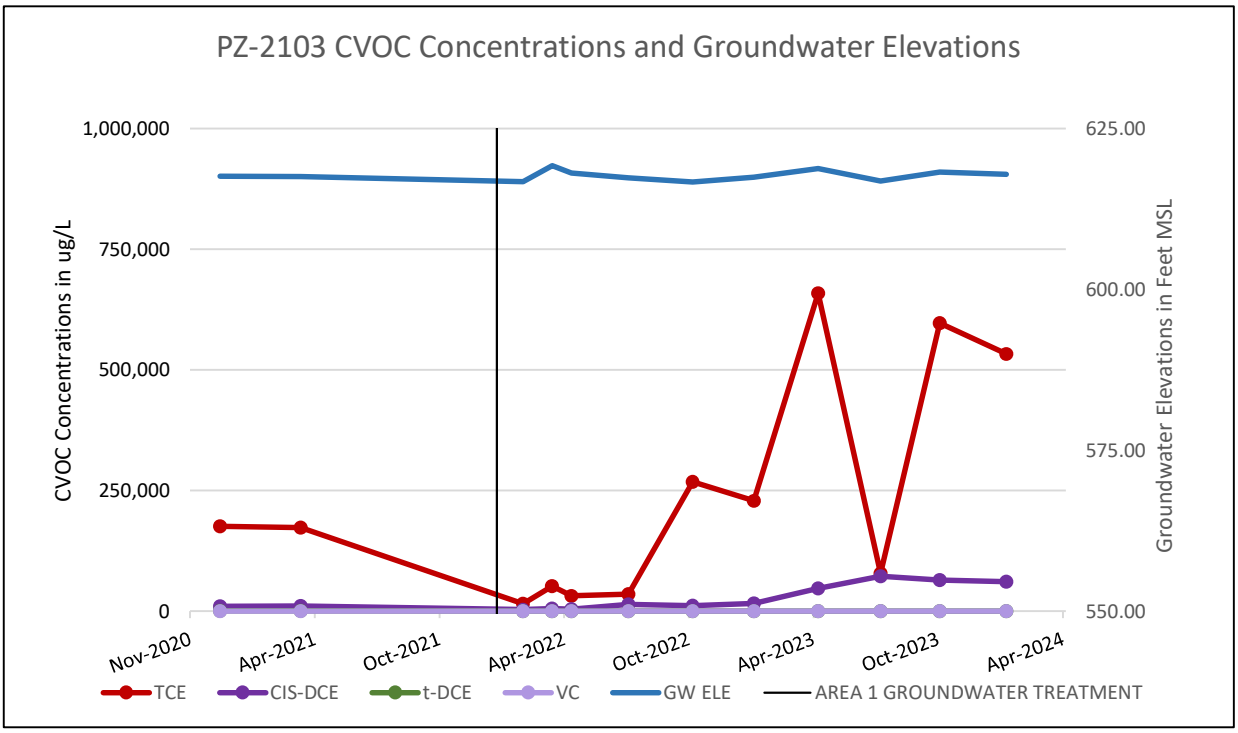

PZ-2111 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

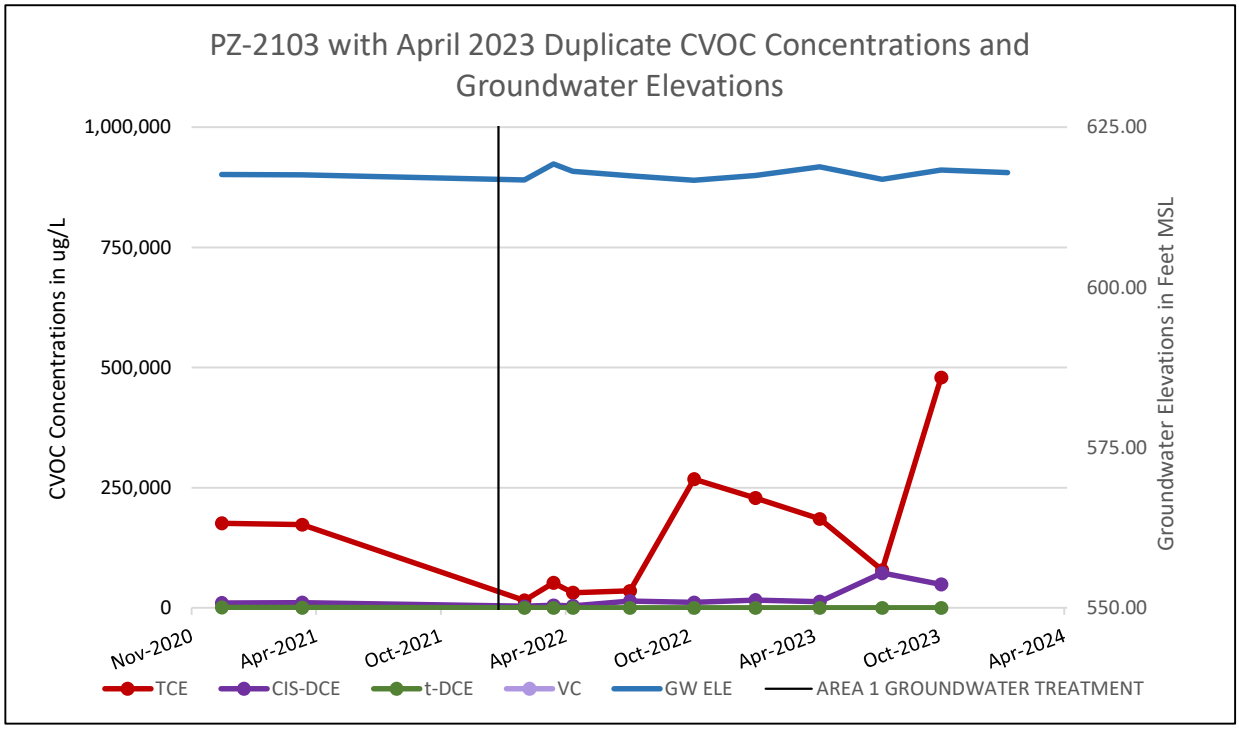

MW-61 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

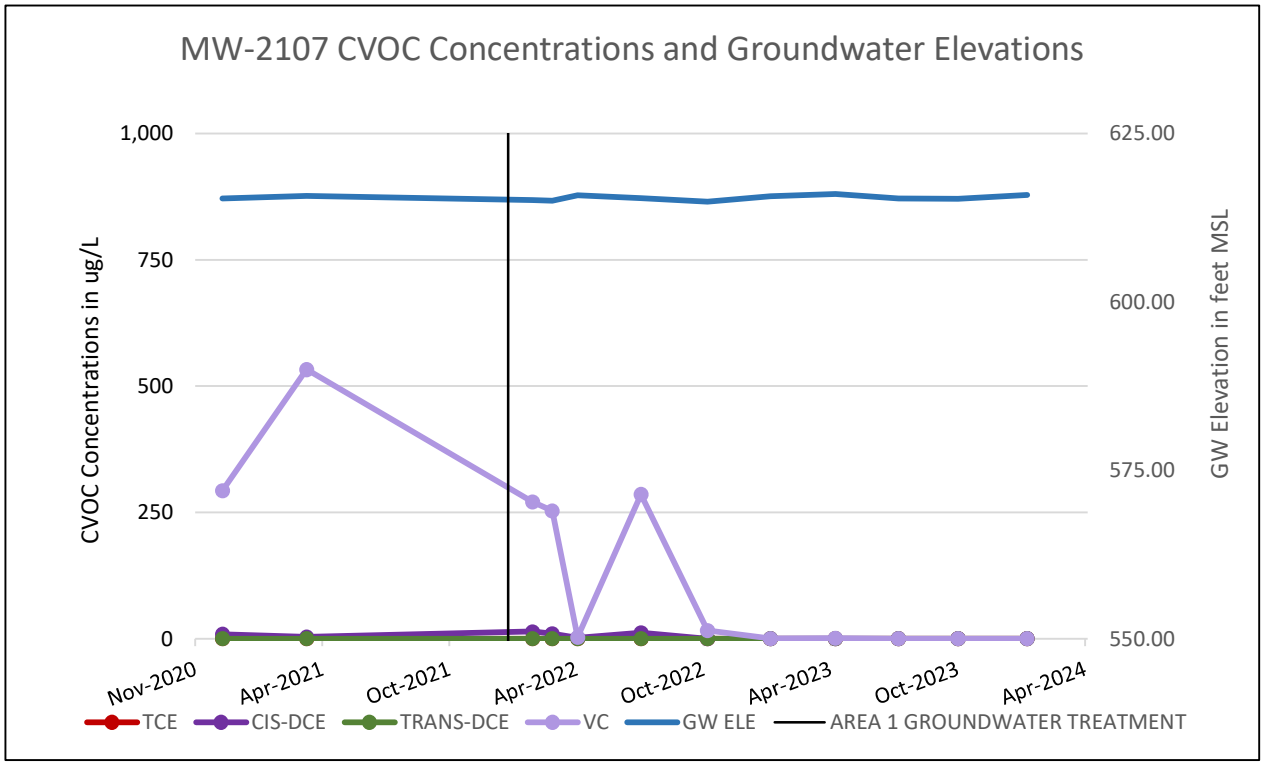

PZ-61 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

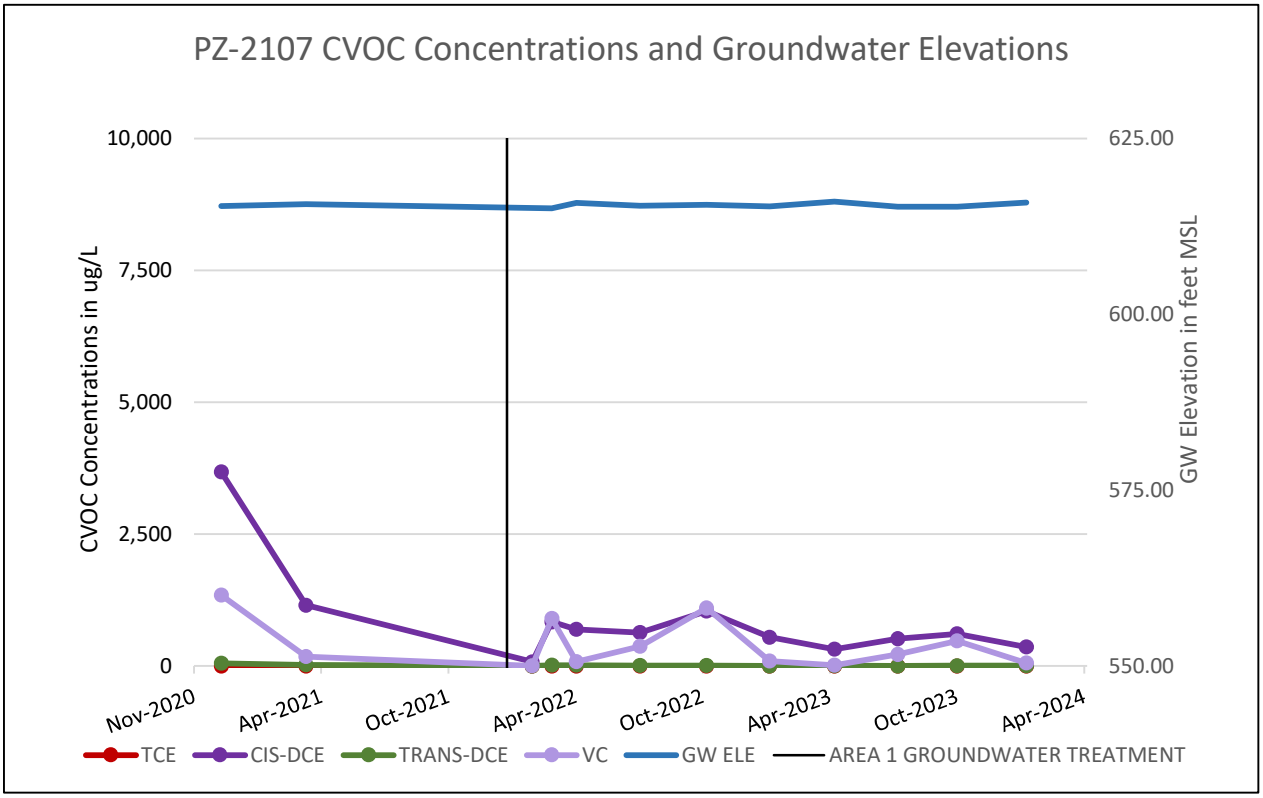

MW-2102 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
GW Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

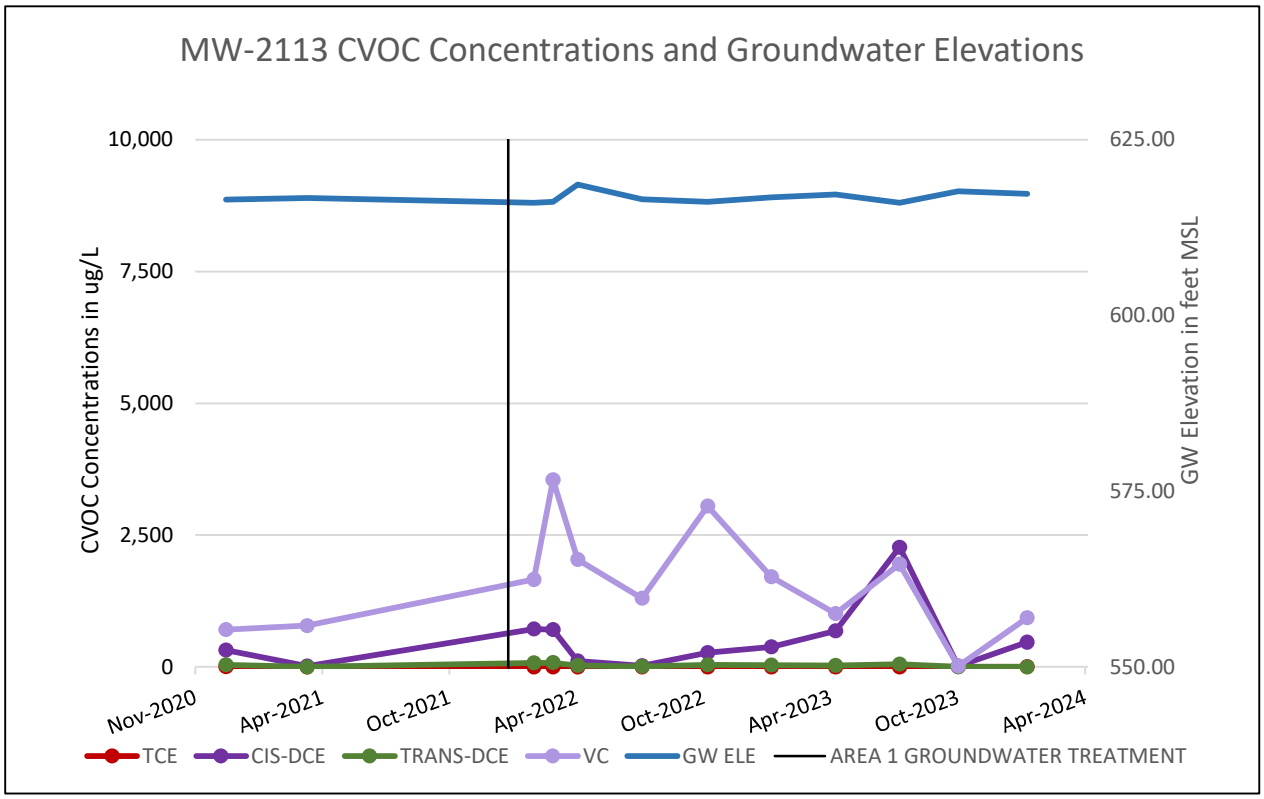

MW-2103 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevations in Feet MSL
100,000
75,000
50,000
25,000
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

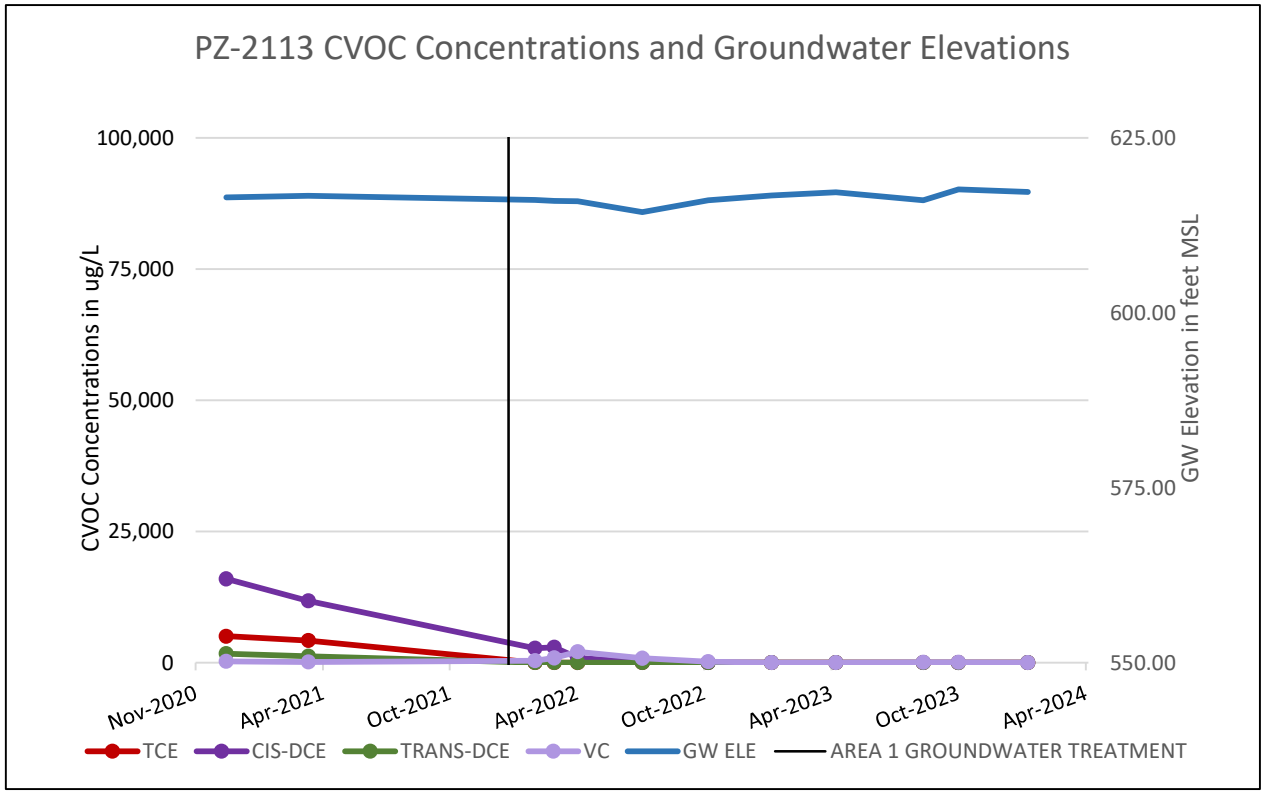

PZ-2103 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
1,000,000
750,000
500,000
250,000
0
625.00
600.00
575.00
550.00
Groundwater Elevations in Feet MSL
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

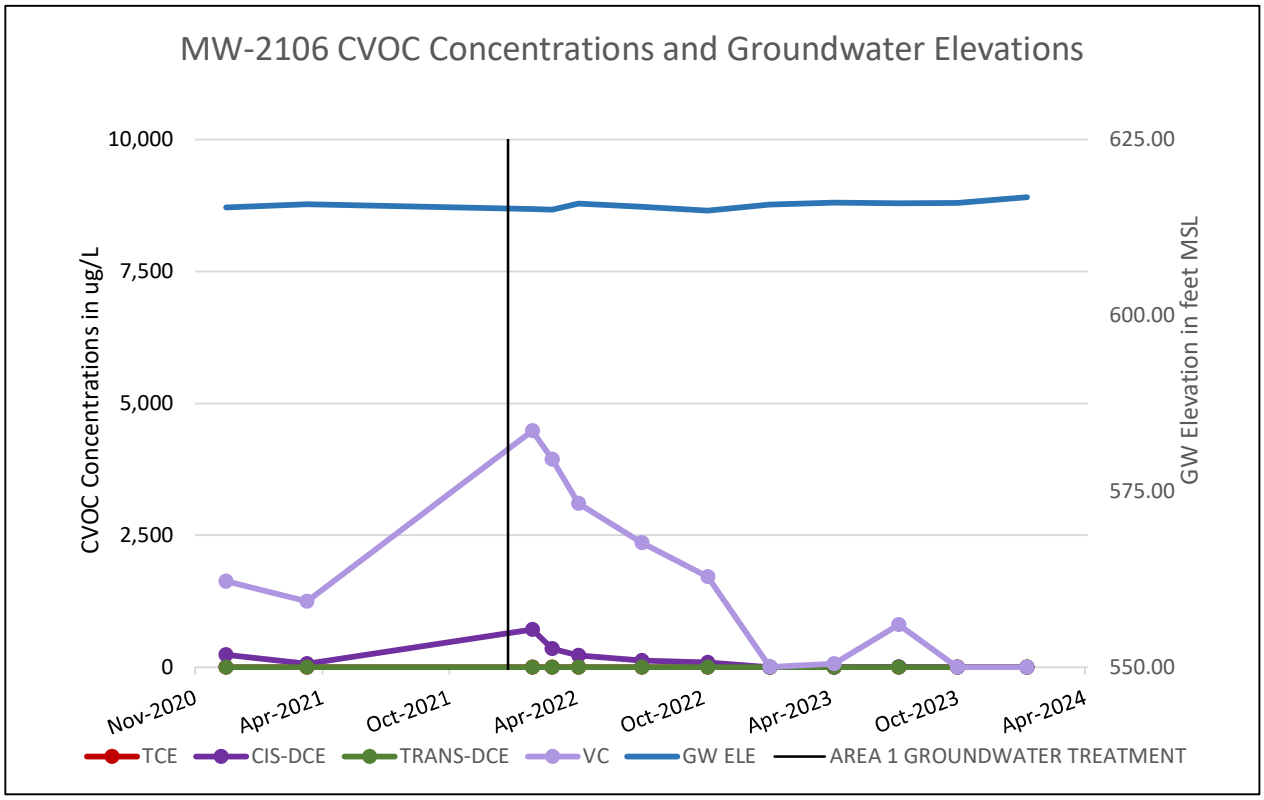

PZ-2103 with April 2023 Duplicate CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
1,000,000
750,000
500,000
250,000
0
625.00
600.00
575.00
550.00
Groundwater Elevations in Feet MSL
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

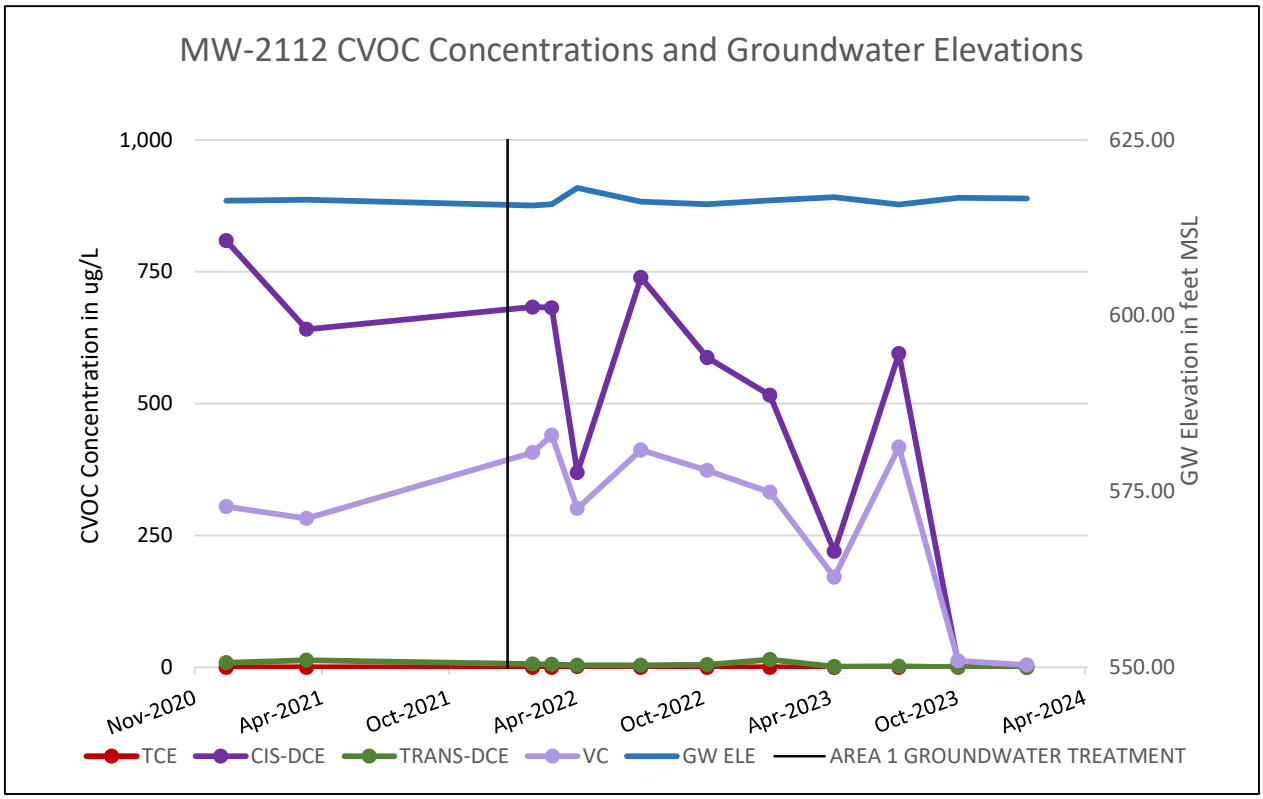

MW-2107 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
GW Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

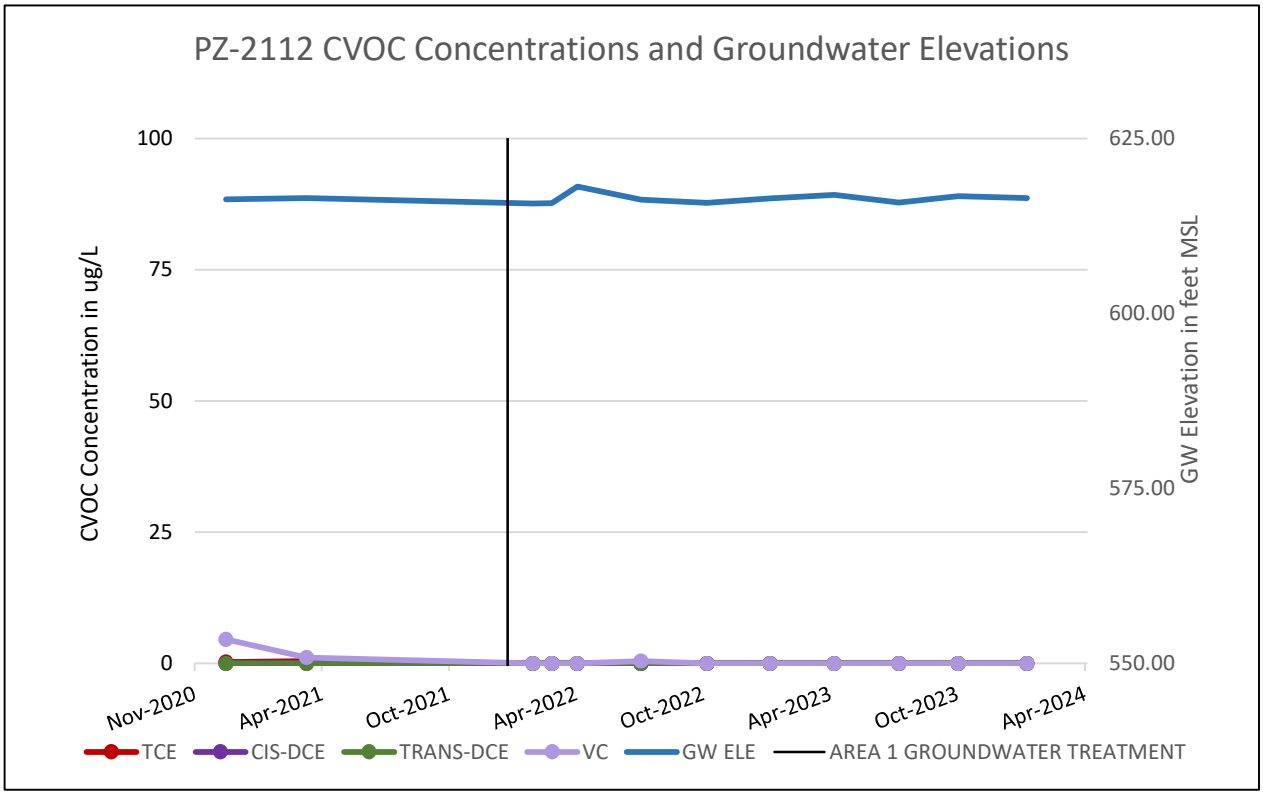

PZ-2107 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
GW Elevation in feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

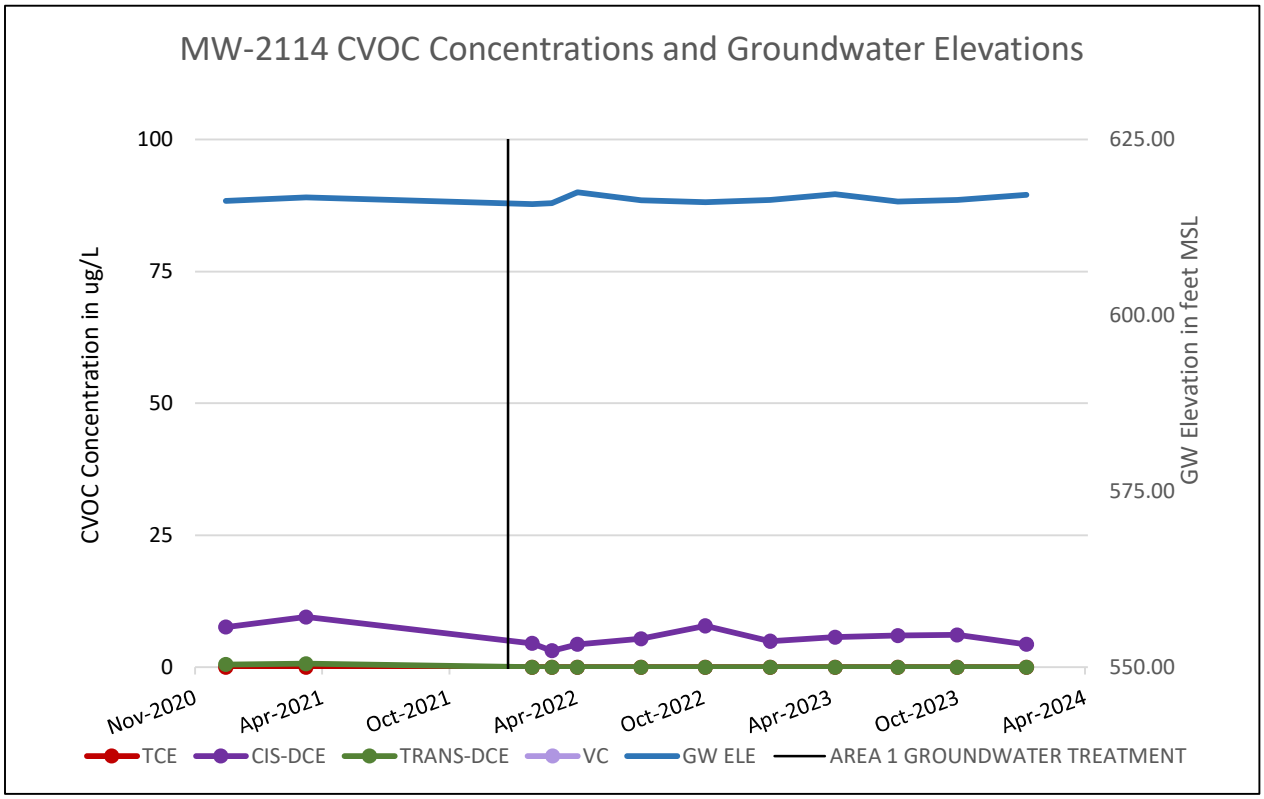

MW-2113 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
GW Elevation in feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

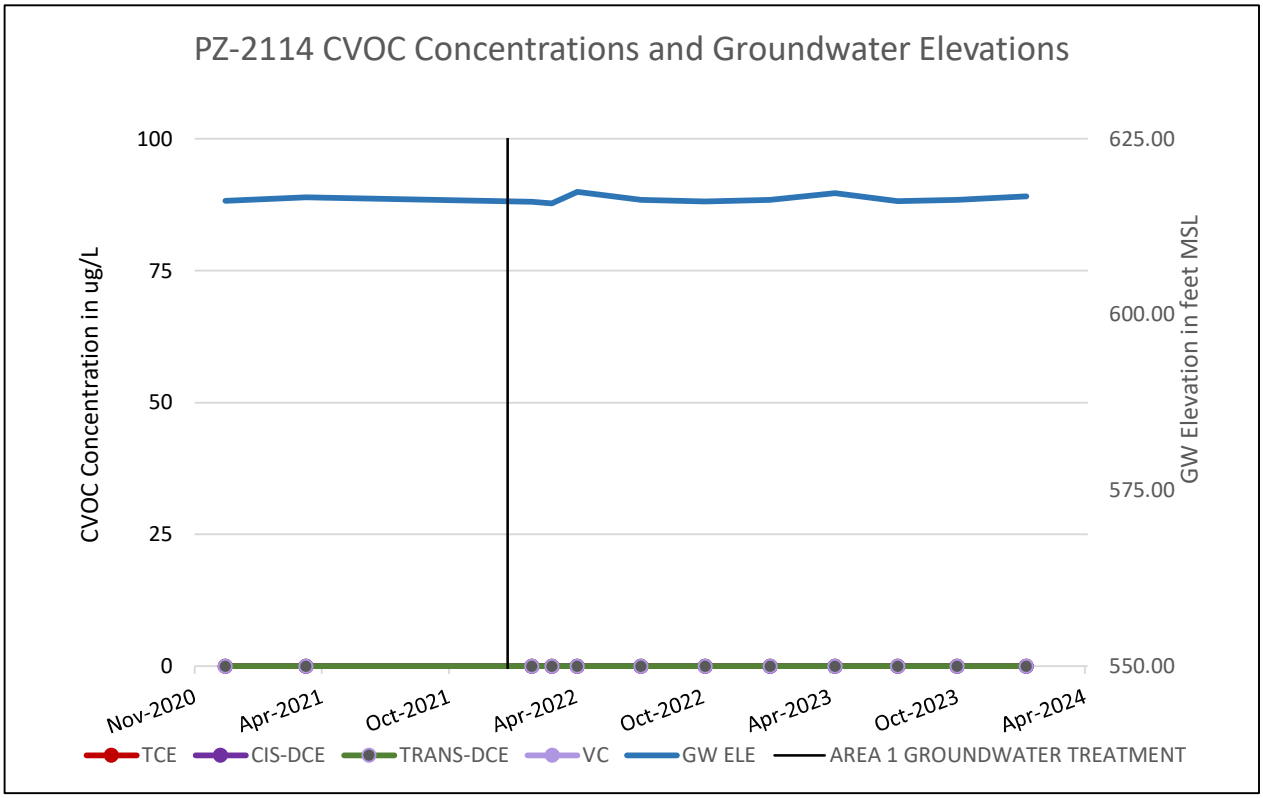

PZ-2113 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
GW Elevation in feet MSL
100,000
75,000
50,000
25,000
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

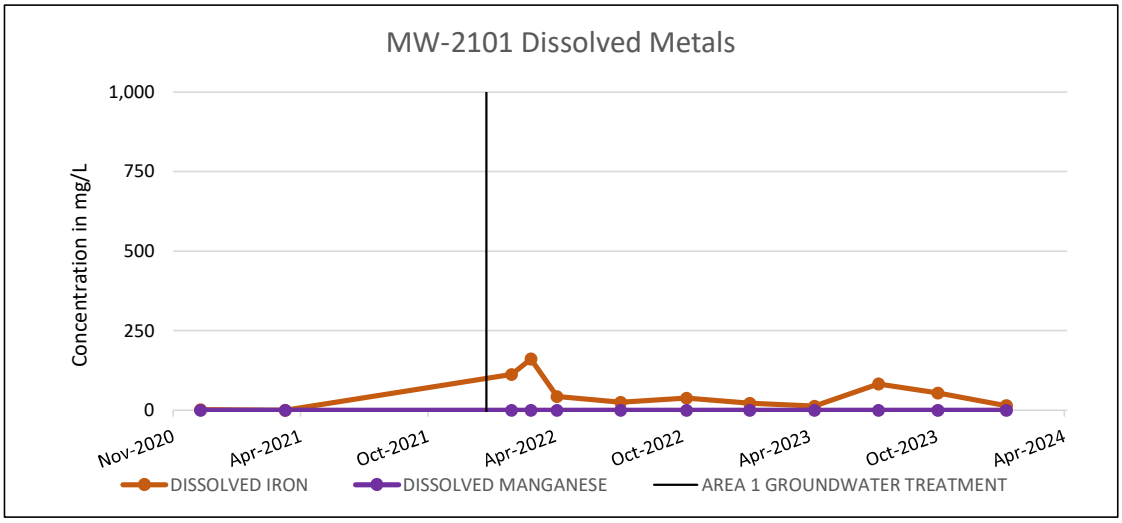

MW-2106 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
GW Elevation in feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

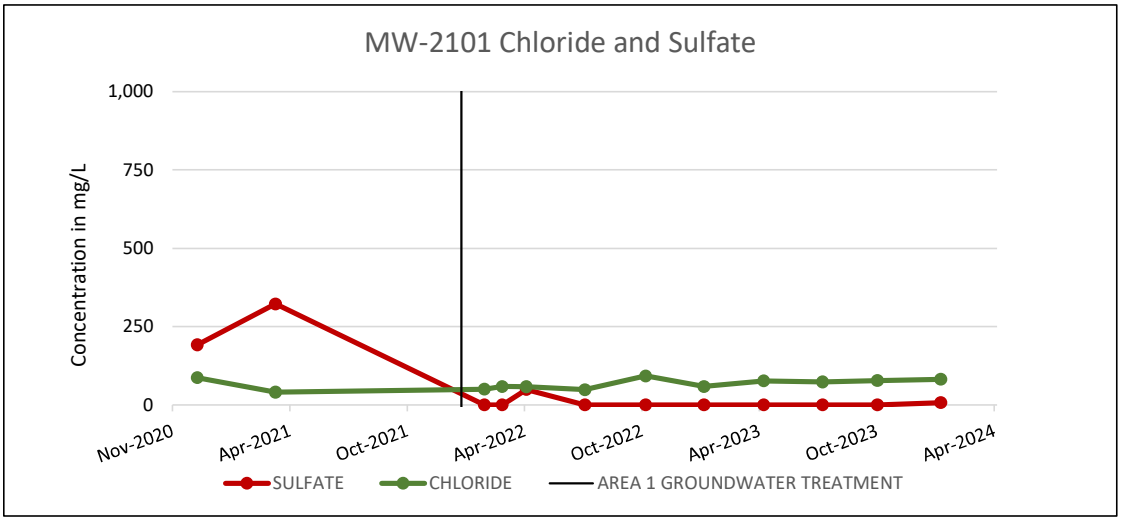

MW-2112 CVOC Concentrations and Groundwater Elevations
CVOC Concentration in ug/L
GW Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

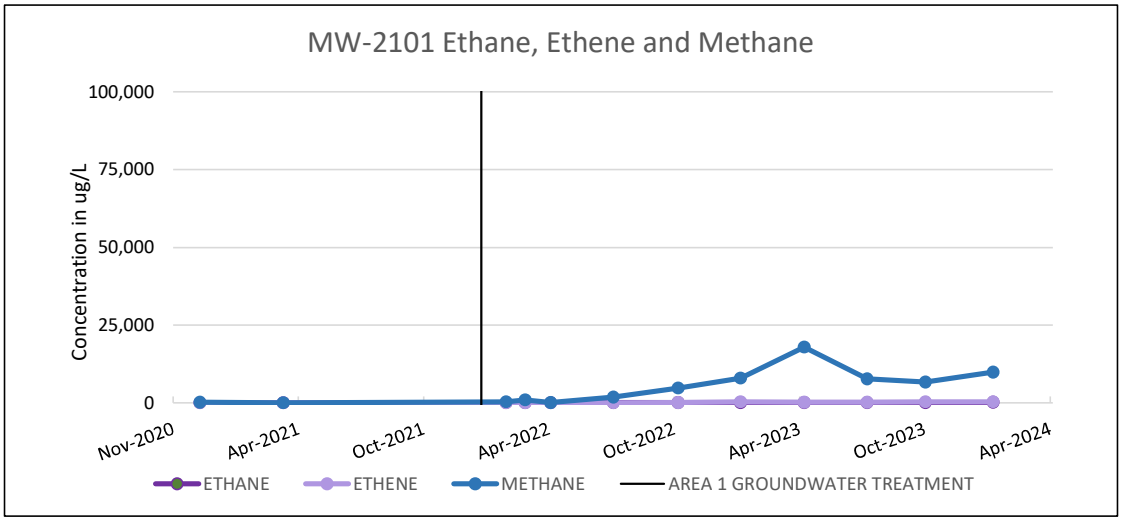

PZ-2112 CVOC Concentrations and Groundwater Elevations
CVOC Concentration in ug/L
GW Elevation in feet MSL
100
75
50
25
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

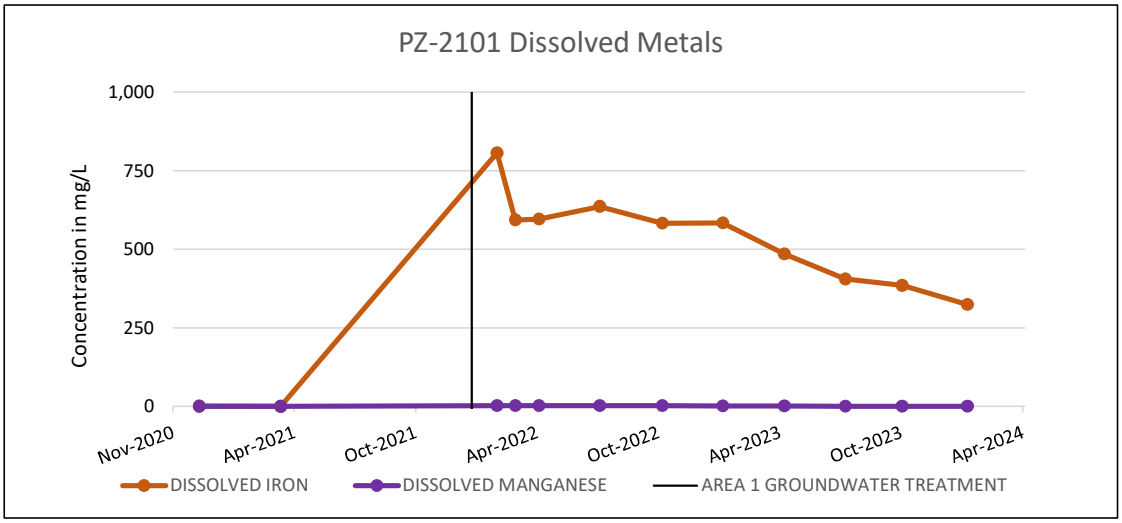

MW-2114 CVOC Concentrations and Groundwater Elevations
CVOC Concentration in ug/L
GW Elevation in feet MSL
100
75
50
25
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

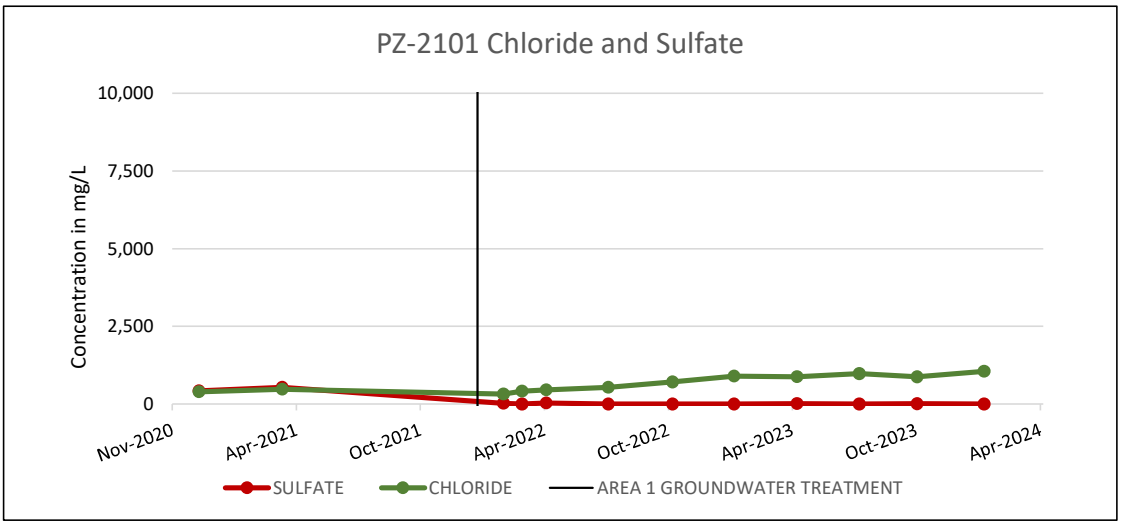

PZ-2114 CVOC Concentrations and Groundwater Elevations
CVOC Concentration in ug/L
GW Elevation in feet MSL
100
75
50
25
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
TRANS-DCE
VC
GW ELE
AREA 1 GROUNDWATER TREATMENT

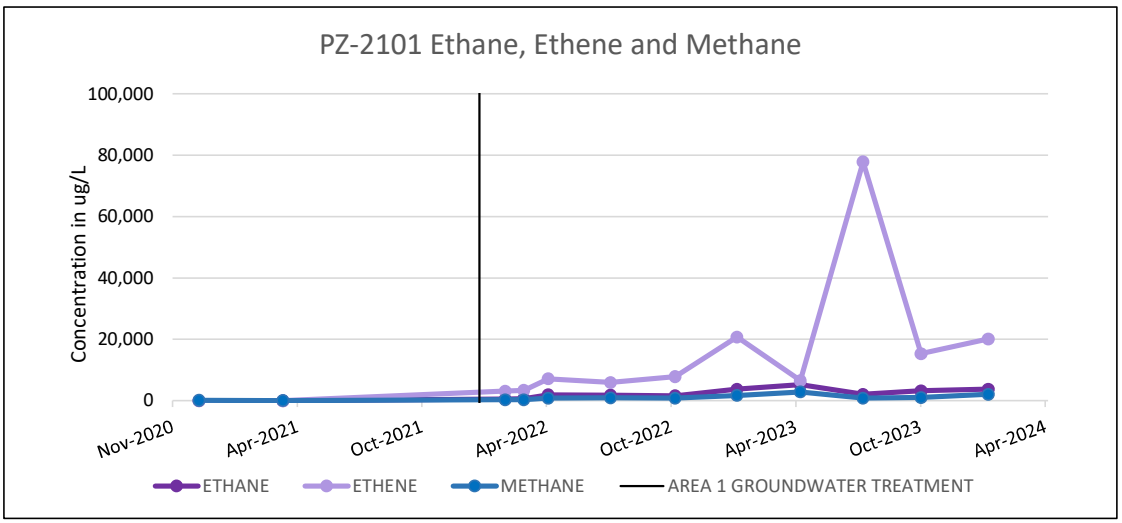

MW-2101 Dissolved Metals
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

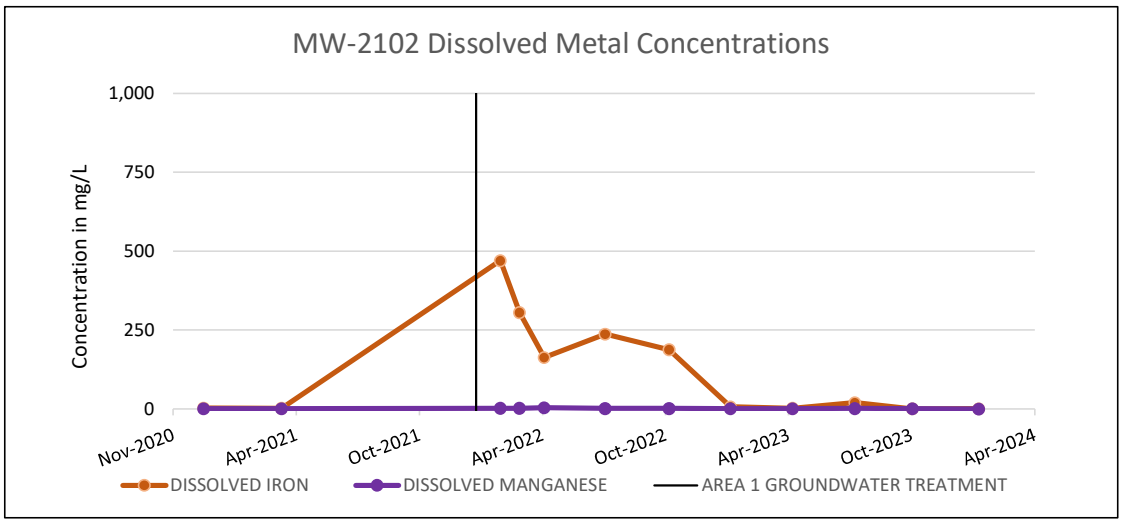

MW-2101 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

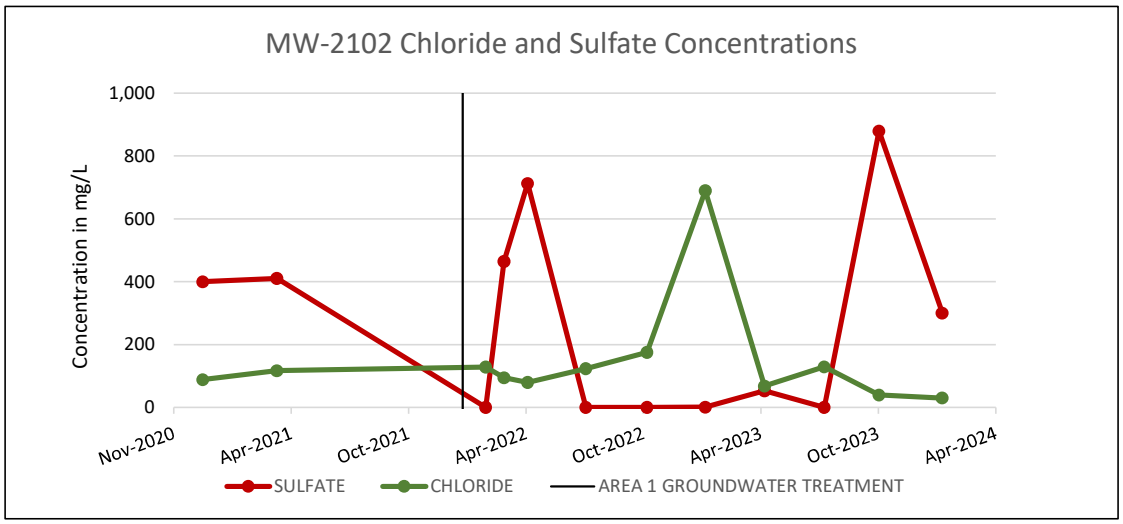

MW-2101 Ethane, Ethene and Methane
Concentration in ug/L
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

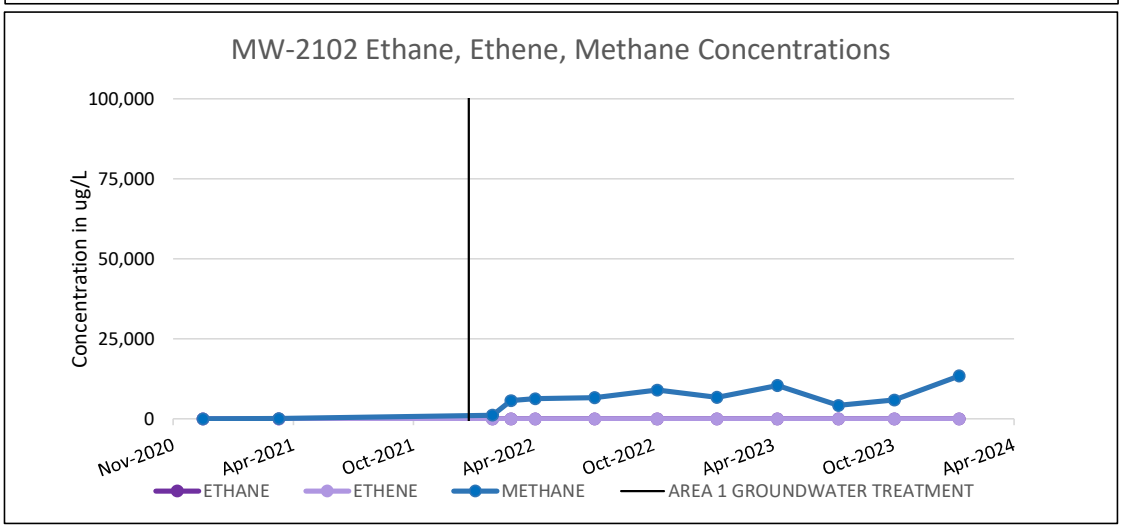

PZ-2101 Dissolved Metals
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

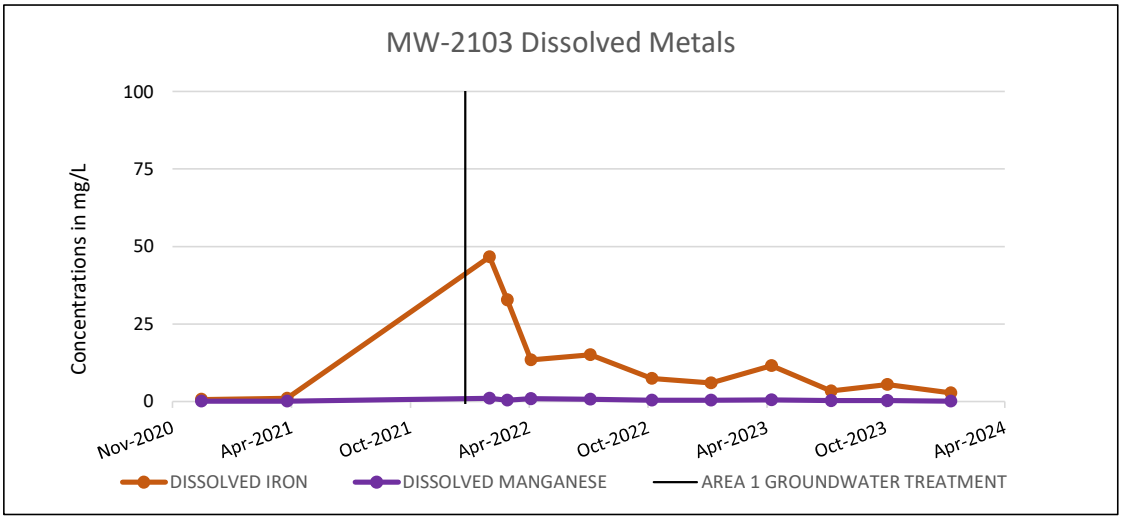

PZ-2101 Chloride and Sulfate
Concentration in mg/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

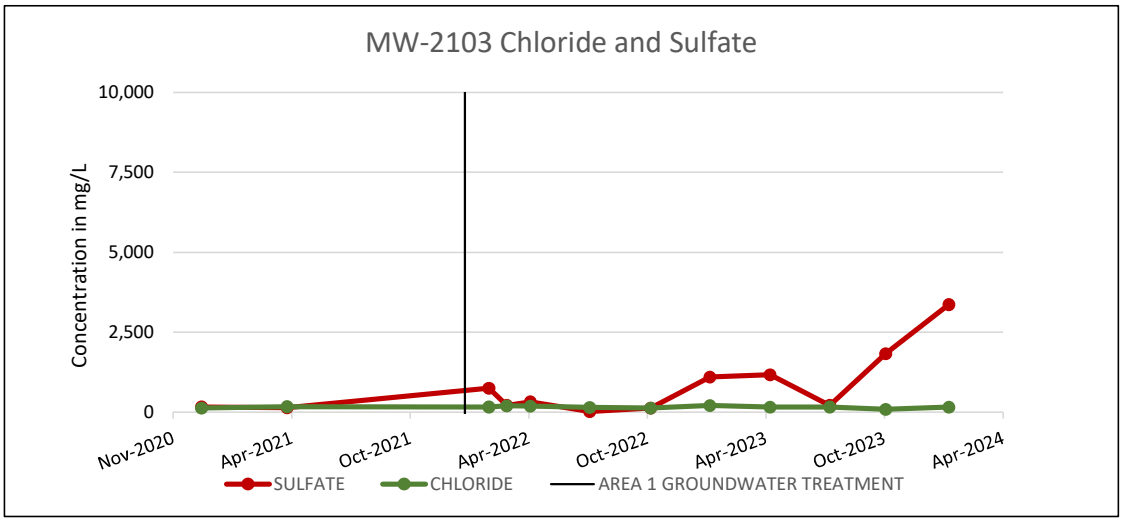

PZ-2101 Ethane, Ethene and Methane
Concentration in ug/L
100,000
80,000
60,000
40,000
20,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

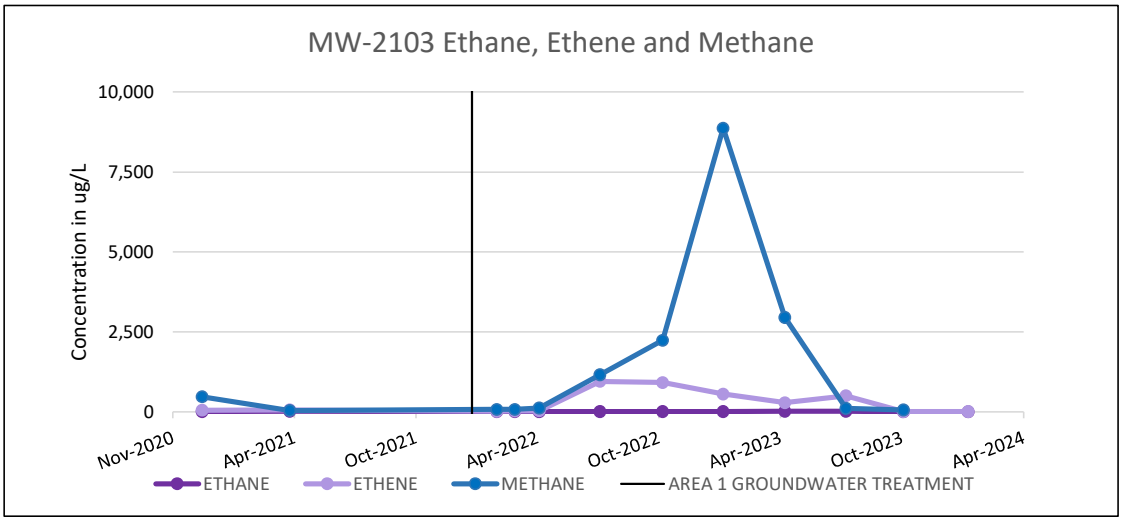

MW-2102 Dissolved Metal Concentrations
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

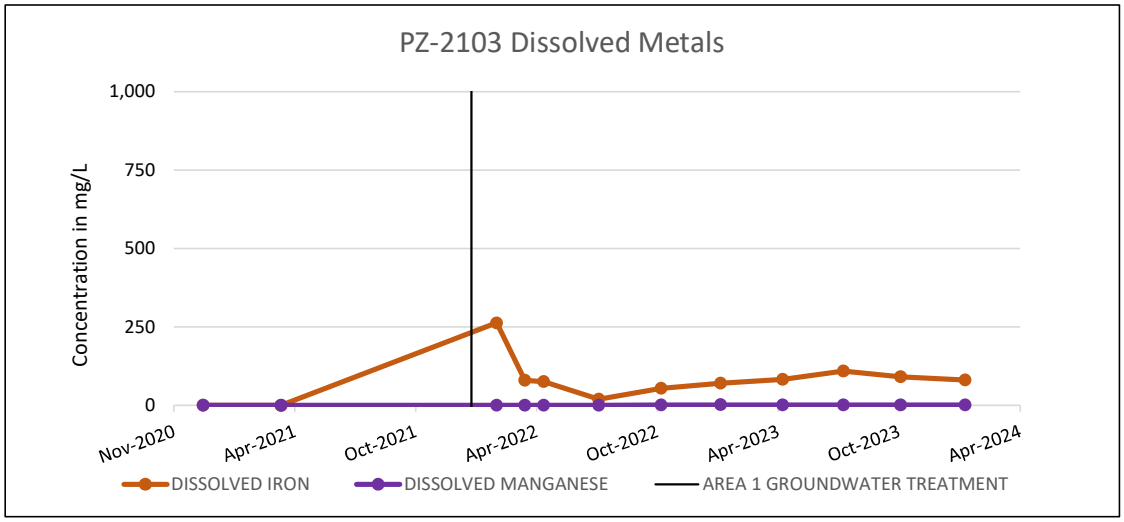

MW-2102 Chloride and Sulfate Concentrations
Concentration in mg/L
1,000
800
600
400
200
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

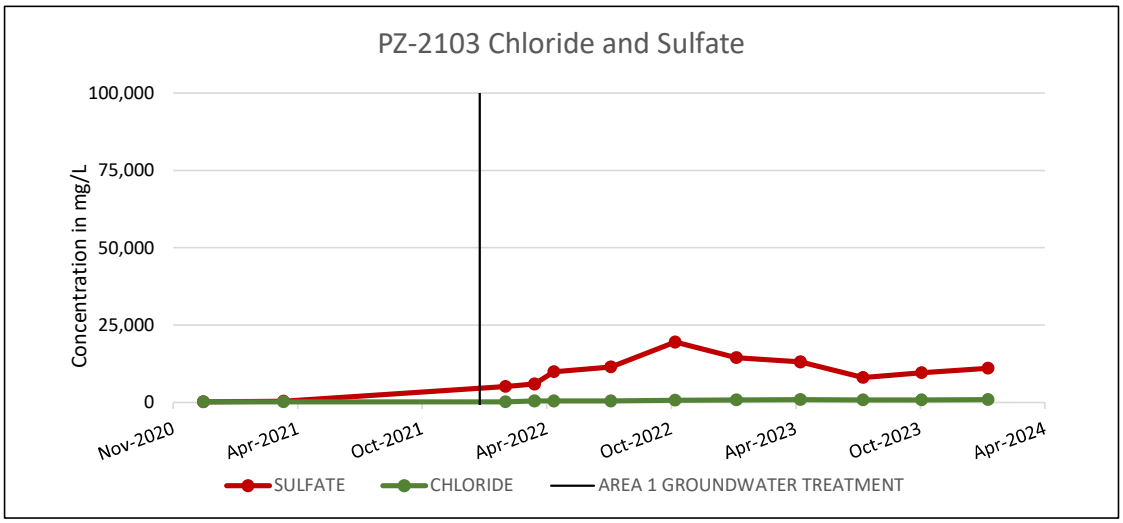

MW-2102 Ethane, Ethene, Methane Concentrations
Concentration in ug/L
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

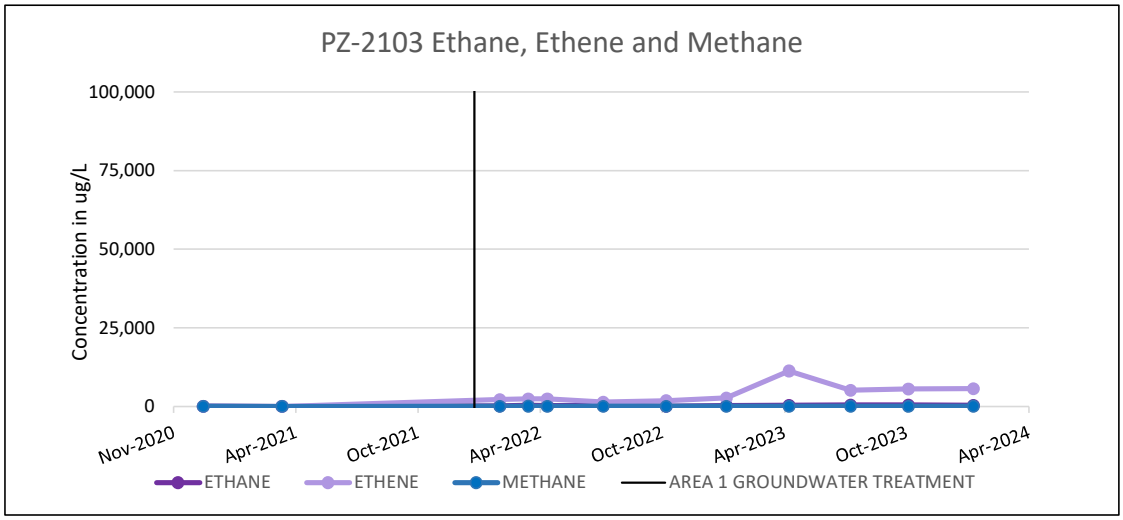

MW-2103 Dissolved Metals
Concentrations in mg/L
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

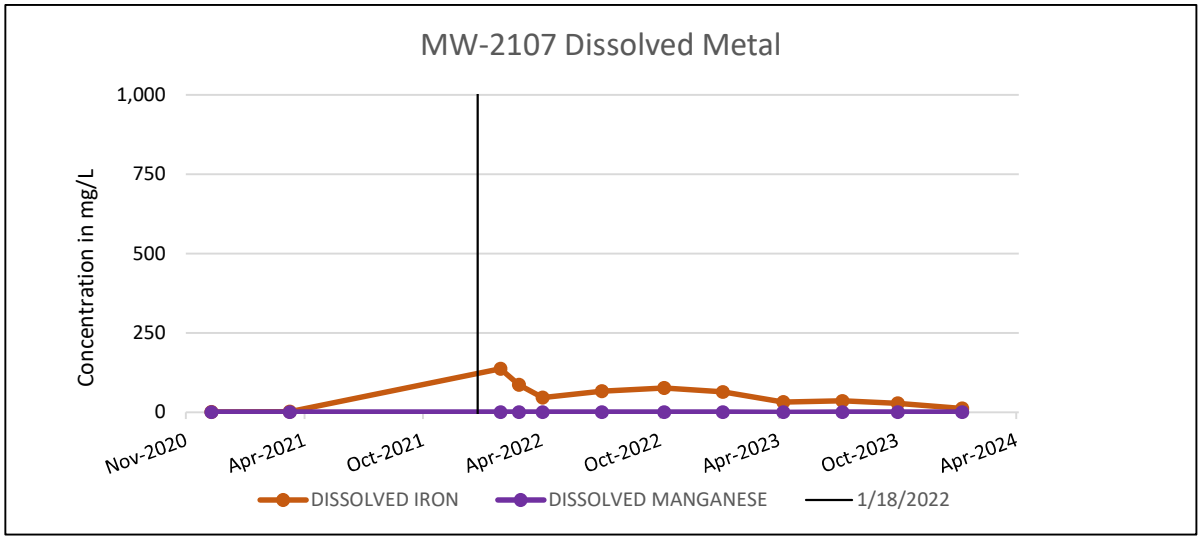

MW-2103 Chloride and Sulfate
Concentration in mg/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

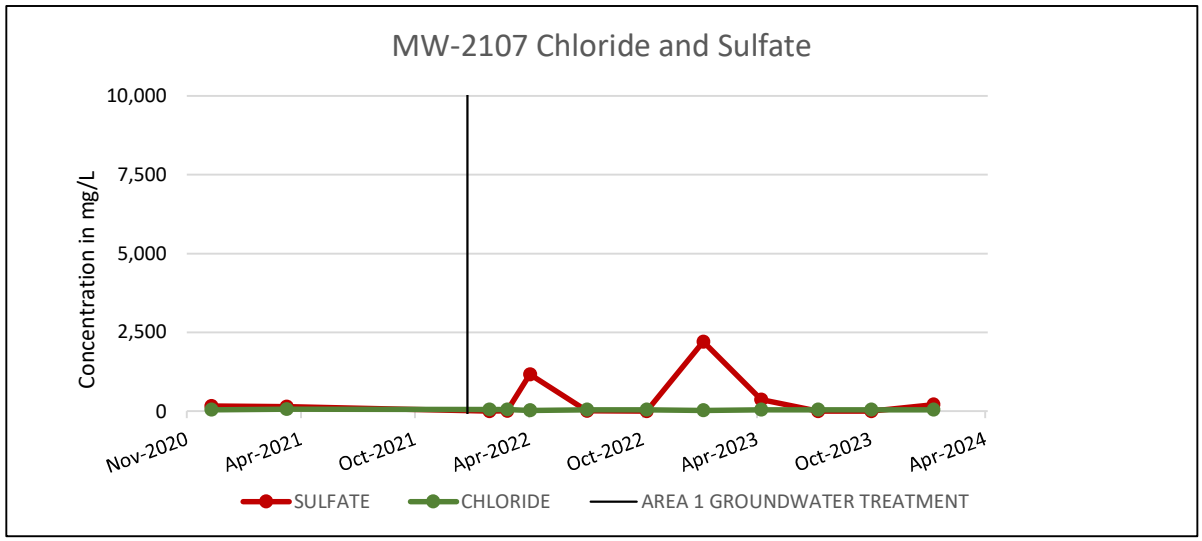

MW-2103 Ethane, Ethene and Methane
Concentration in ug/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

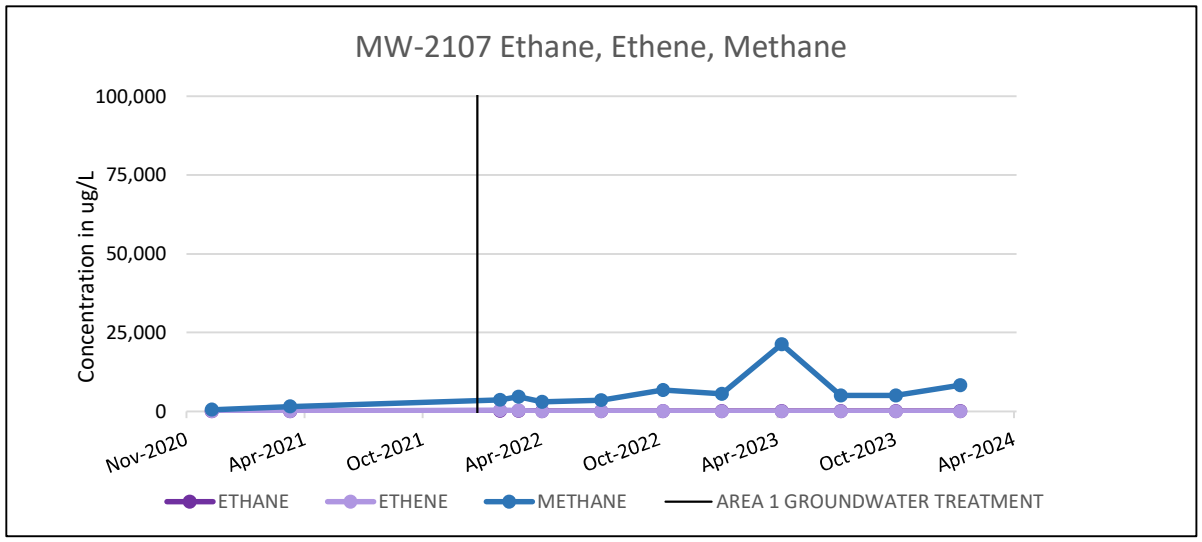

PZ-2103 Dissolved Metals
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

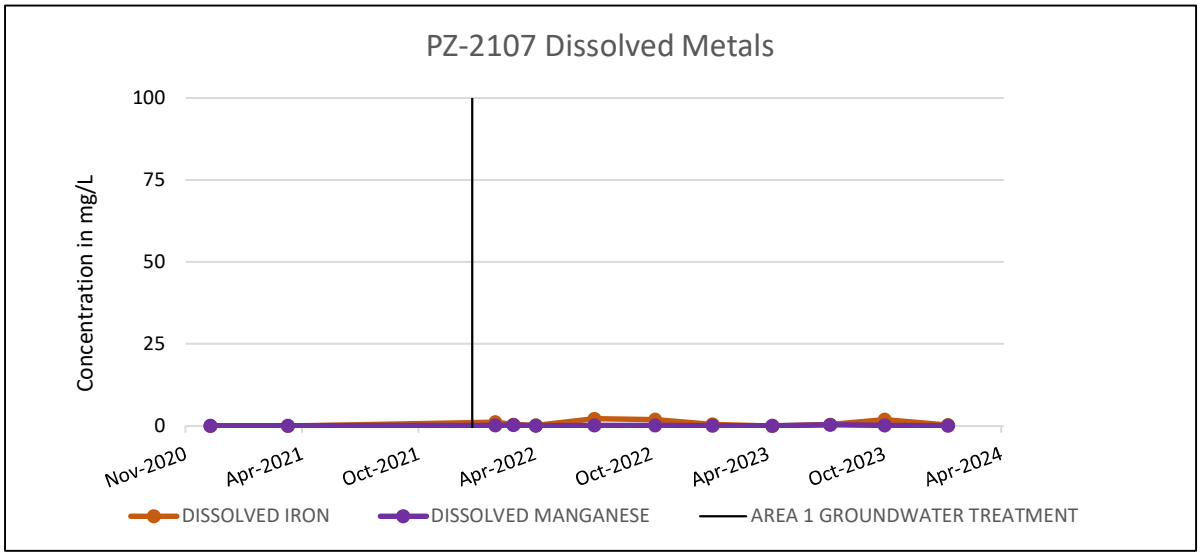

PZ-2103 Chloride and Sulfate
Concentration in mg/L
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

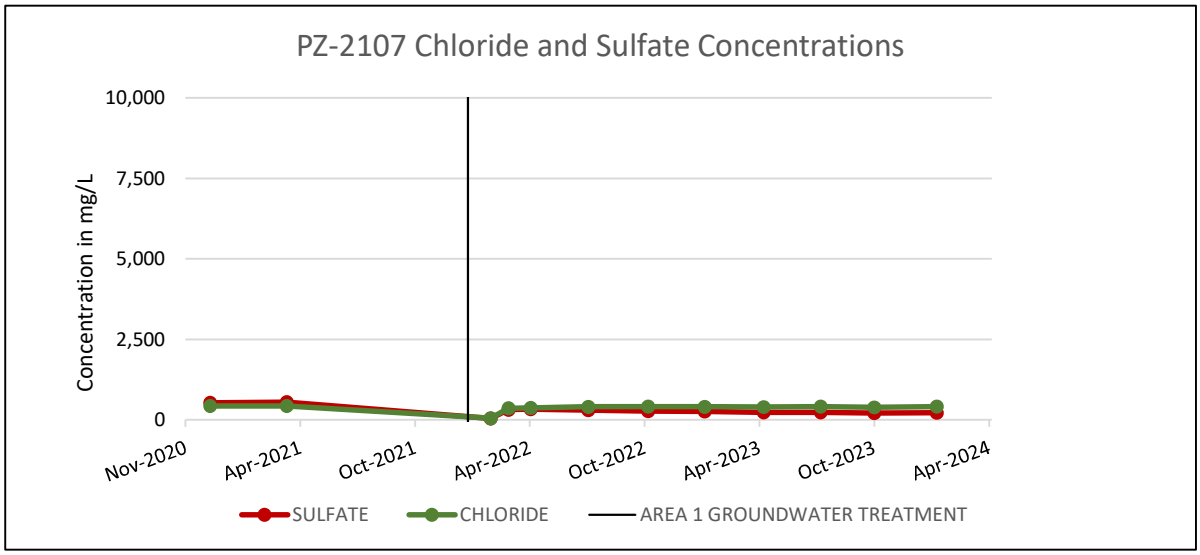

PZ-2103 Ethane, Ethene and Methane
Concentration in ug/L
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

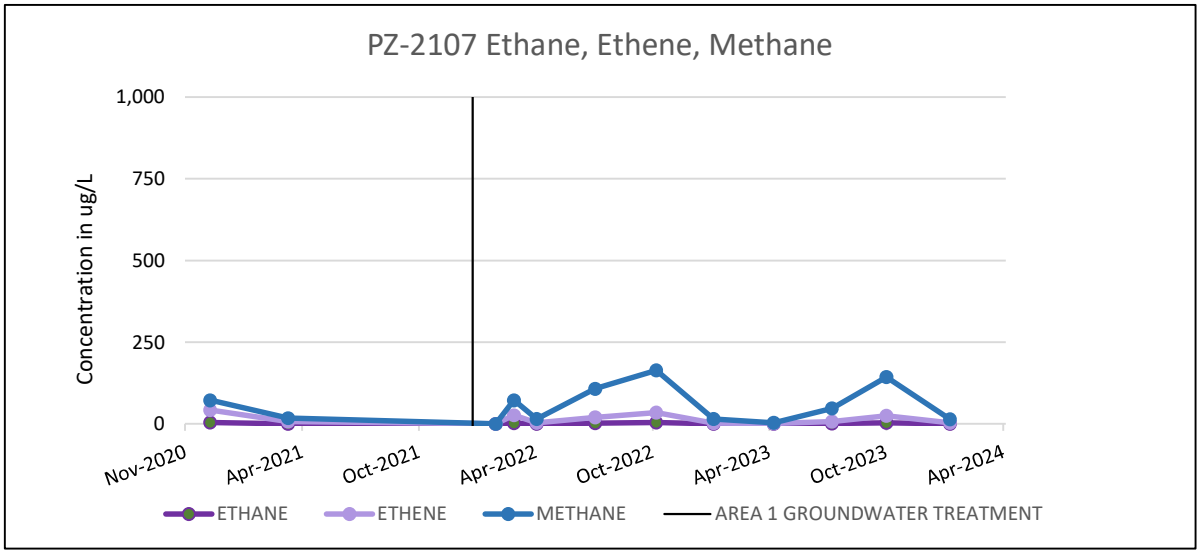

MW-2107 Dissolved Metal
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
1/18/2022

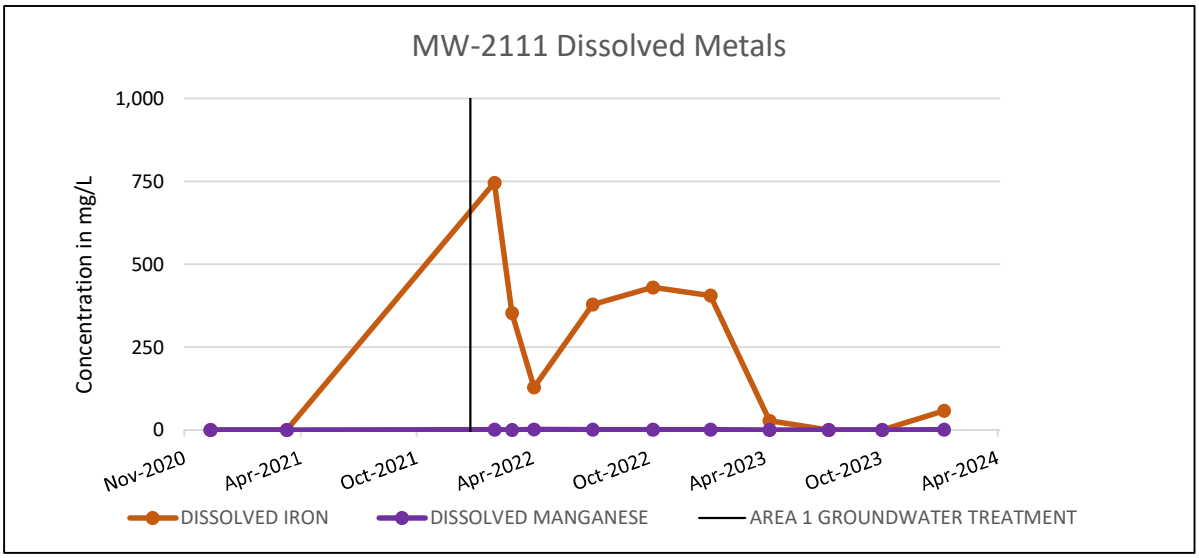

MW-2107 Chloride and Sulfate
Concentration in mg/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

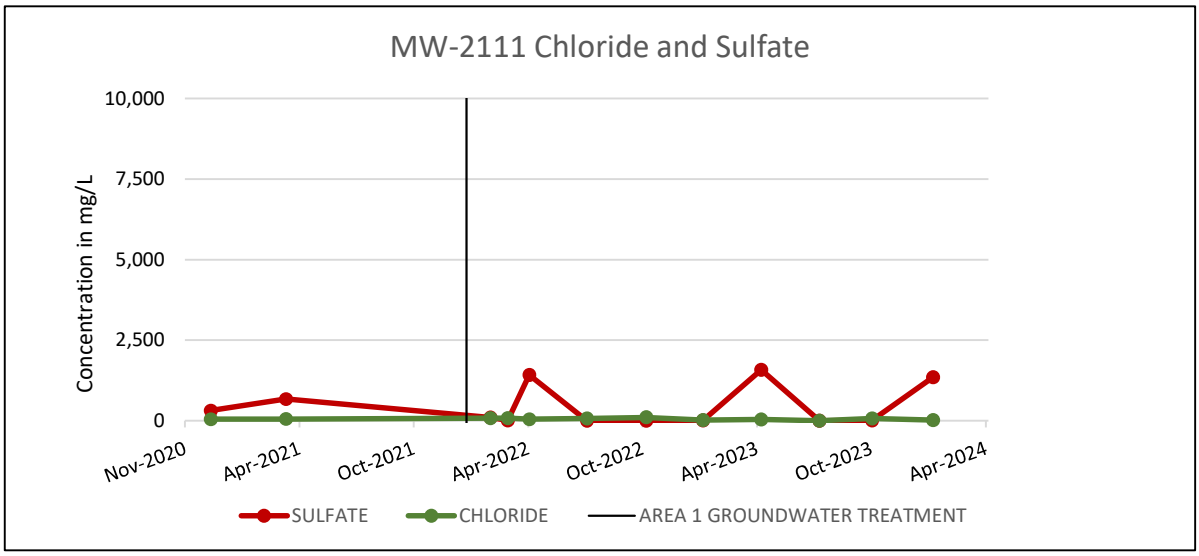

MW-2107 Ethane, Ethene, Methane
Concentration in ug/L
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

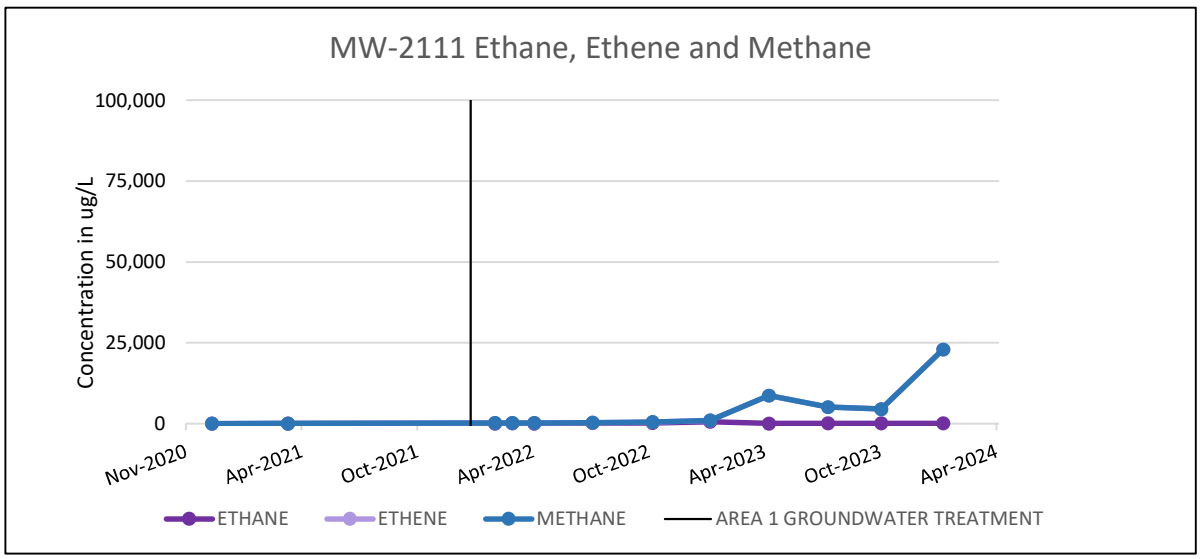

PZ-2107 Dissolved Metals
Concentration in mg/L
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

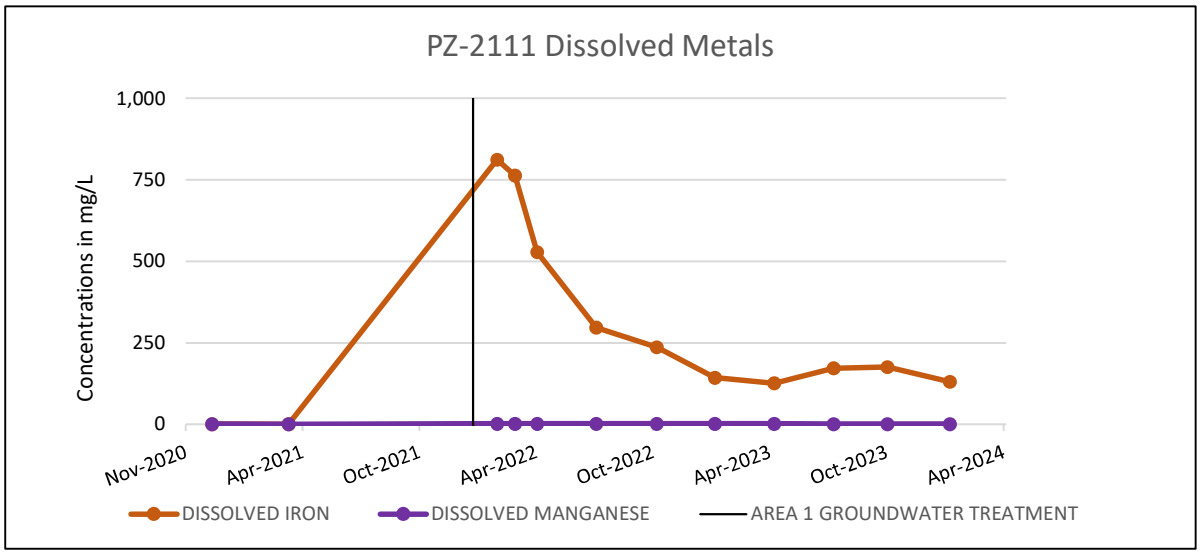

PZ-2107 Chloride and Sulfate Concentrations
Concentration in mg/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

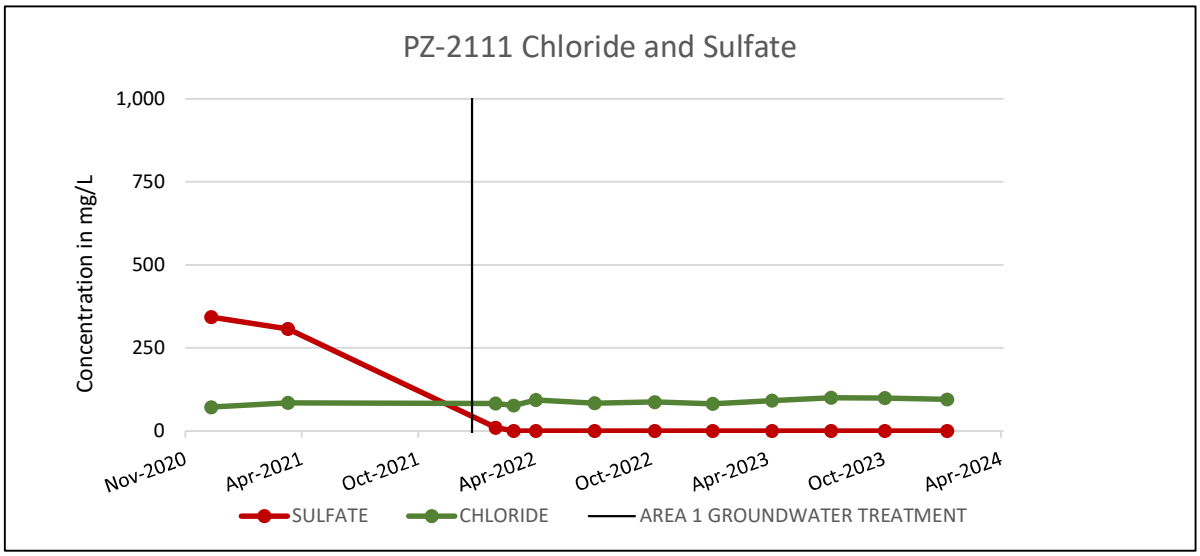

PZ-2107 Ethane, Ethene, Methane
Concentration in ug/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

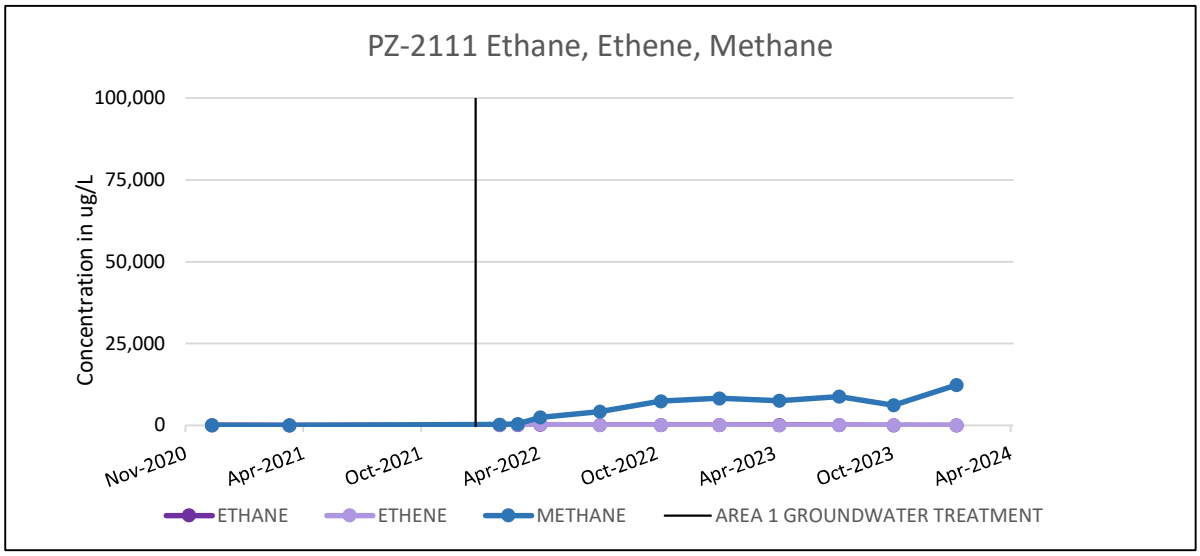

MW-2111 Dissolved Metals
1,000
750
500
250
0
Concentration in mg/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

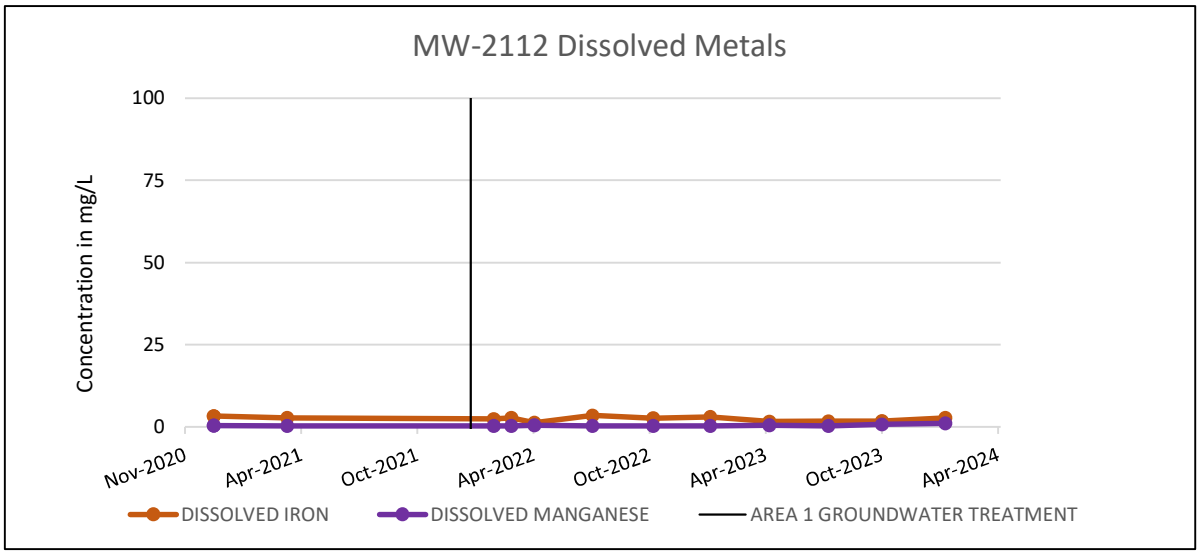

MW-2111 Chloride and Sulfate
10,000
7,500
5,000
2,500
0
Concentration in mg/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

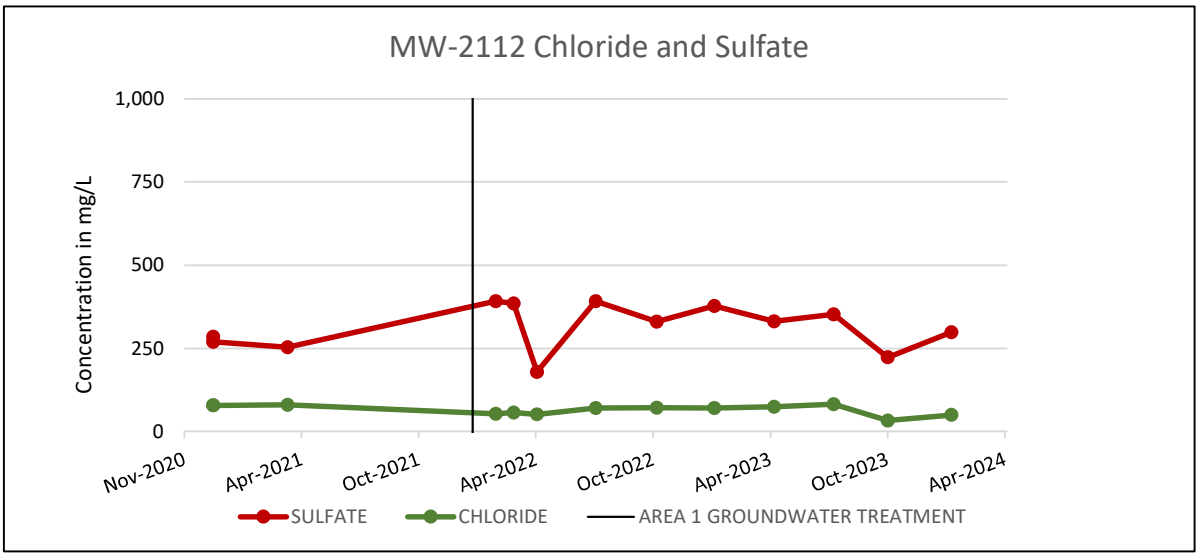

MW-2111 Ethane, Ethene and Methane
100,000
75,000
50,000
25,000
0
Concentration in ug/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

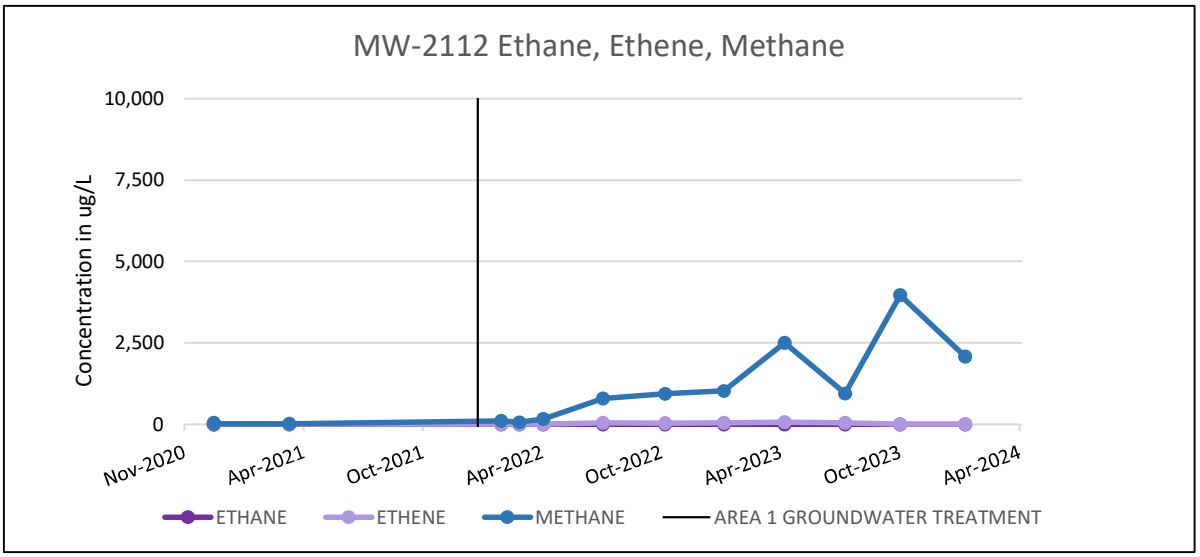

PZ-2111 Dissolved Metals
Concentrations in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

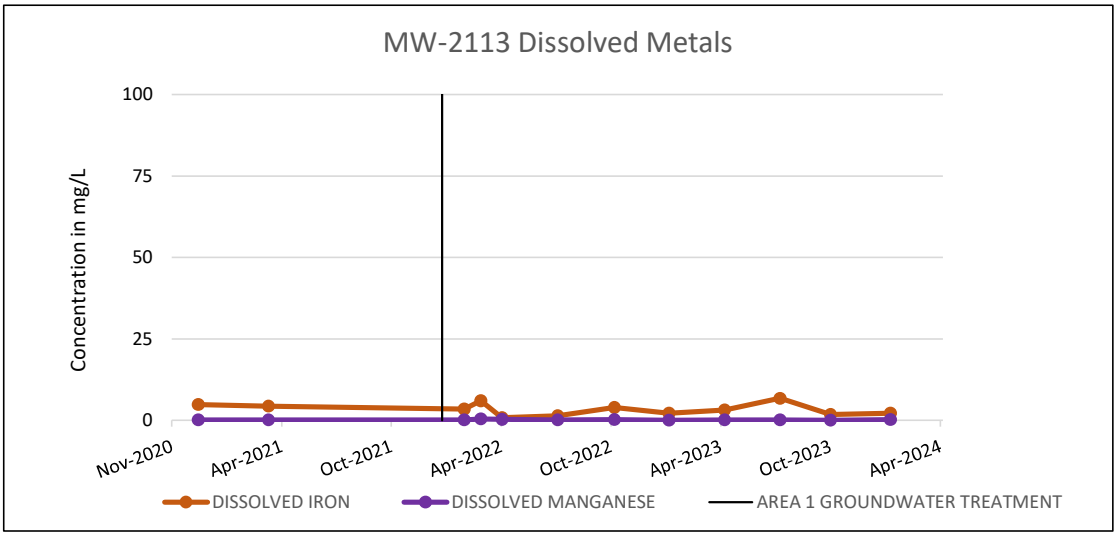

PZ-2111 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

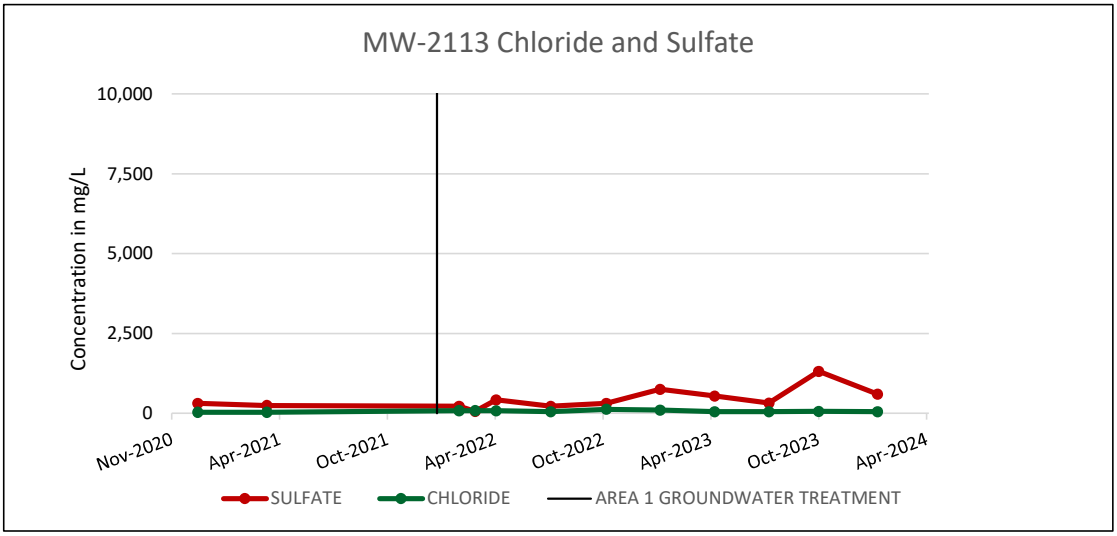

PZ-2111 Ethane, Ethene, Methane
Concentration in ug/L
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

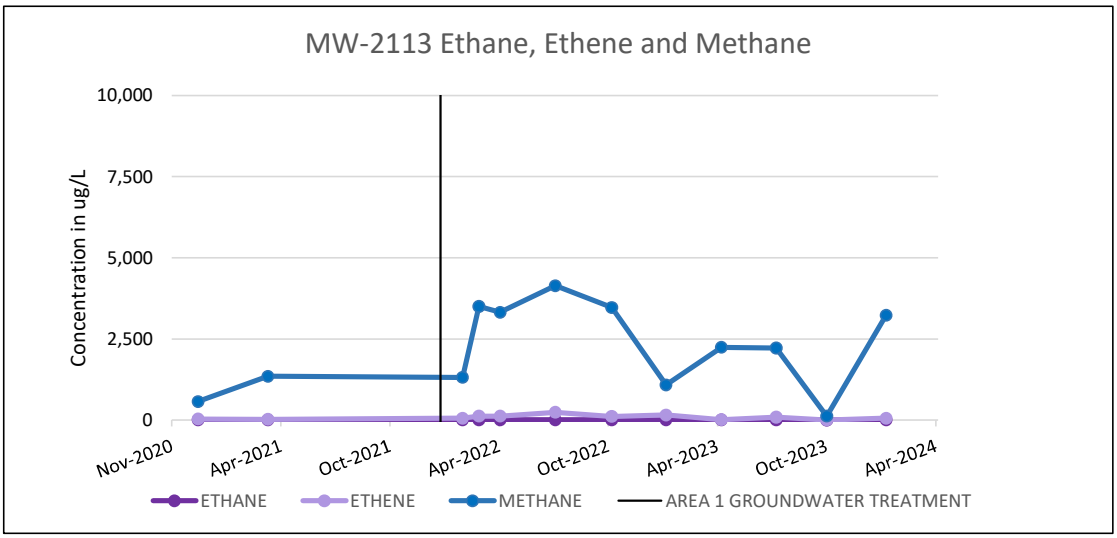

MW-2112 Dissolved Metals
Concentration in mg/L
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

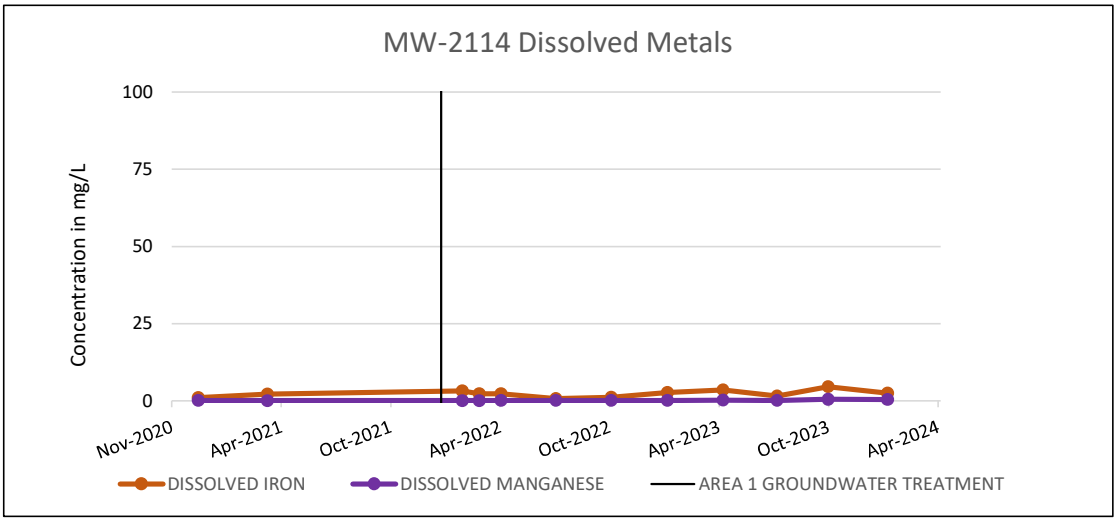

MW-2112 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

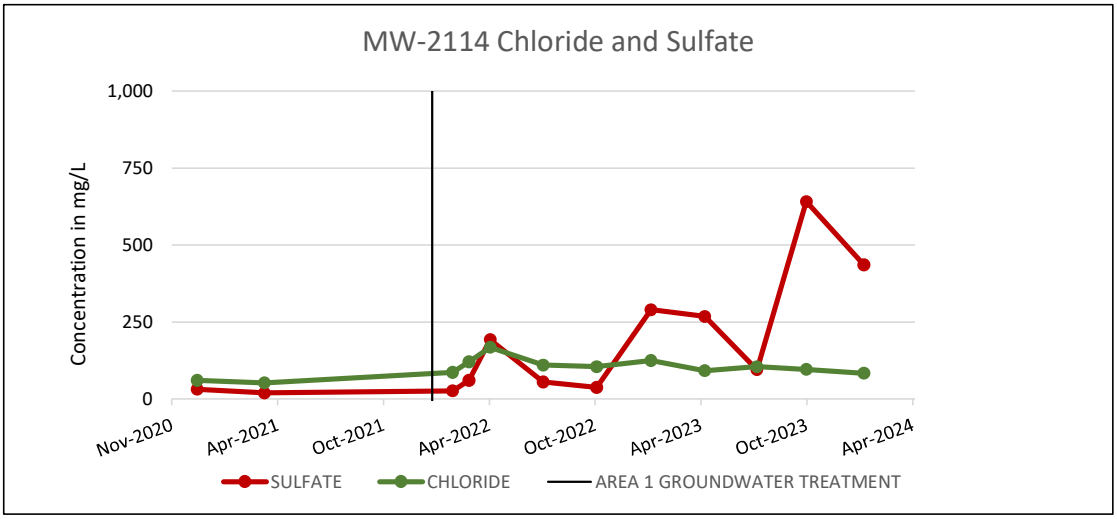

MW-2112 Ethane, Ethene, Methane
Concentration in ug/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

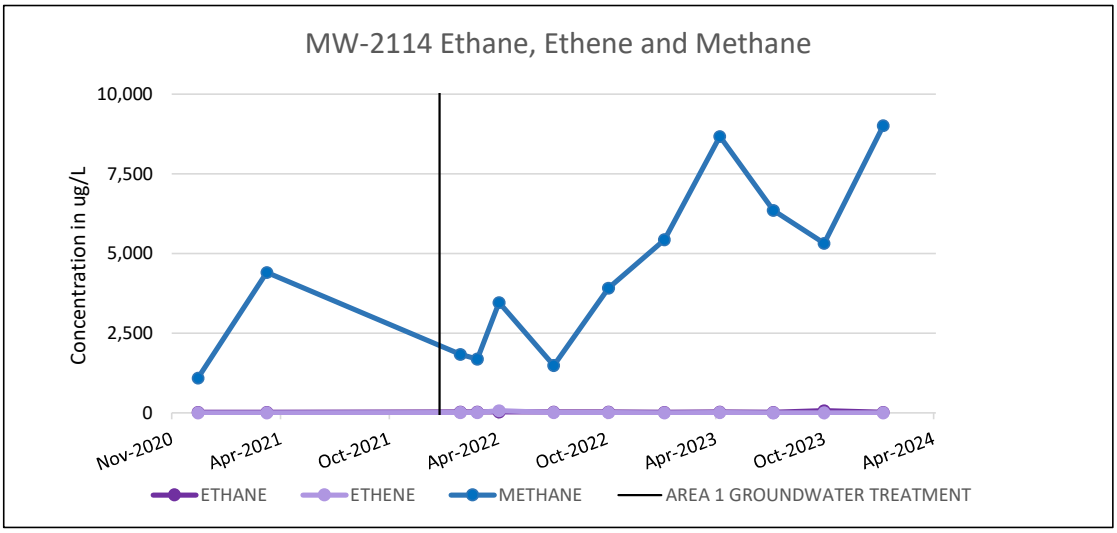

MW-2113 Dissolved Metals
Concentration in mg/L
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

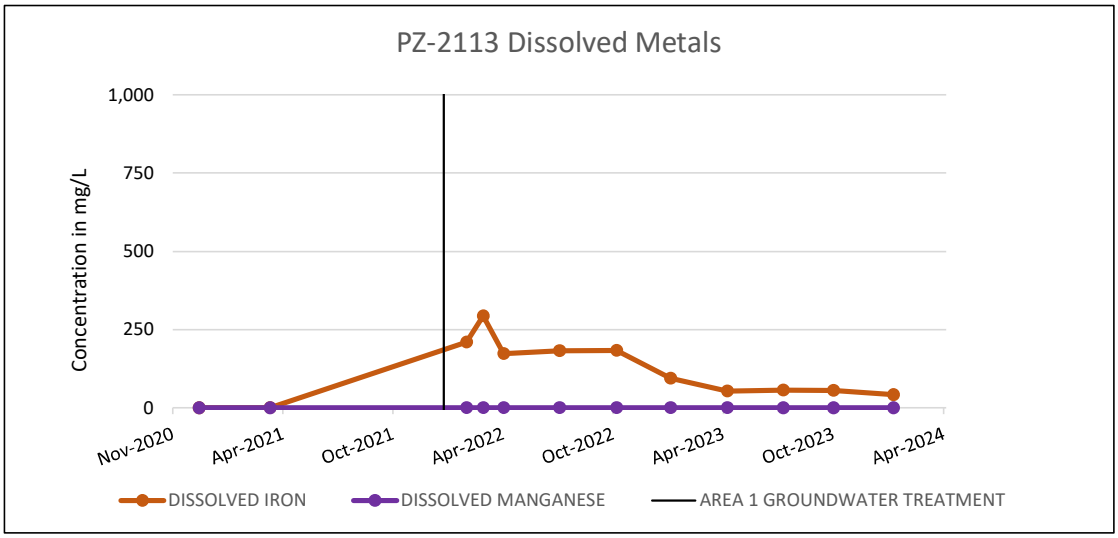

MW-2113 Chloride and Sulfate
Concentration in mg/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

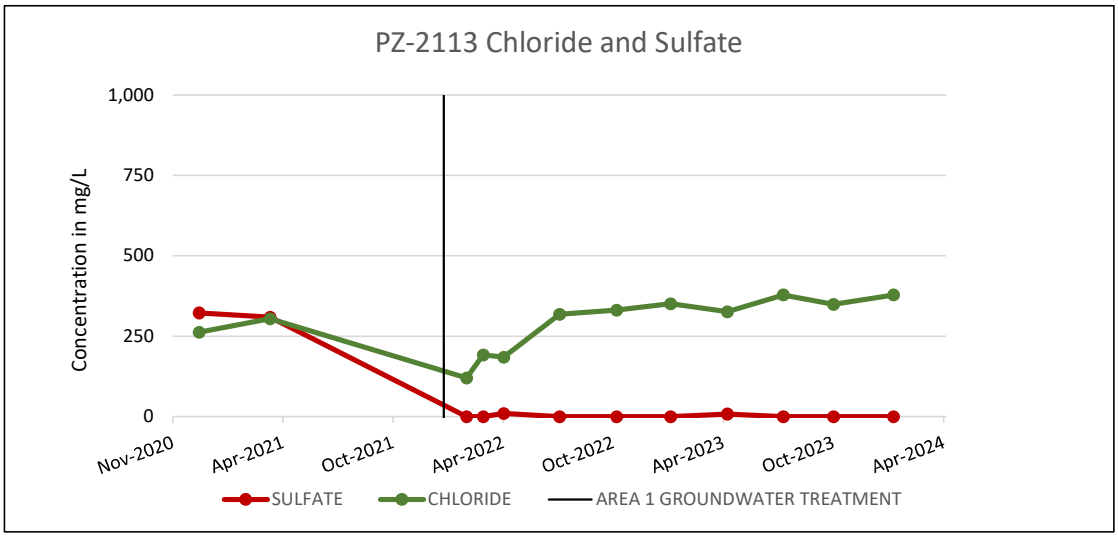

MW-2113 Ethane, Ethene and Methane
Concentration in ug/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

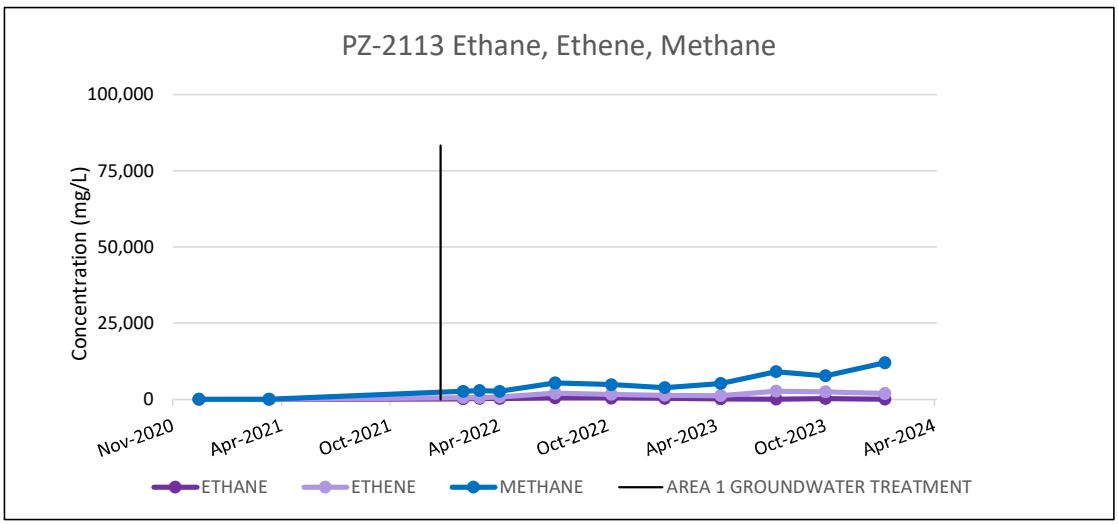

MW-2114 Dissolved Metals
Concentration in mg/L
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

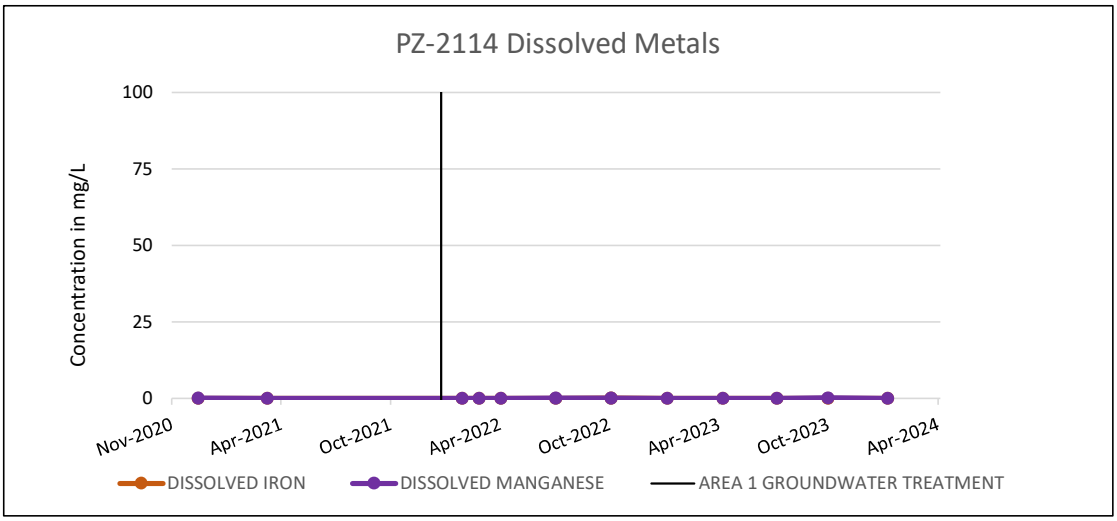

MW-2114 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

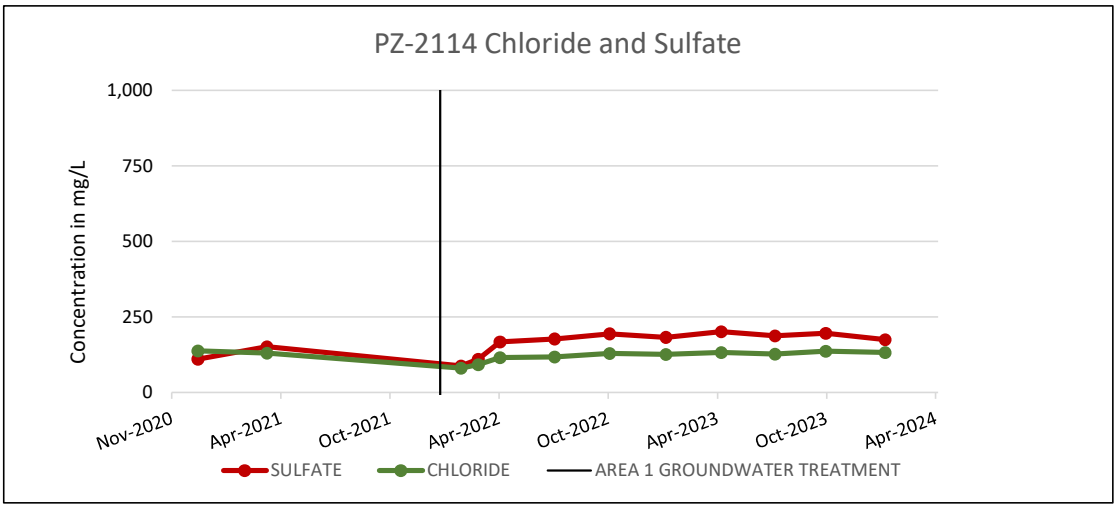

MW-2114 Ethane, Ethene and Methane
Concentration in ug/L
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

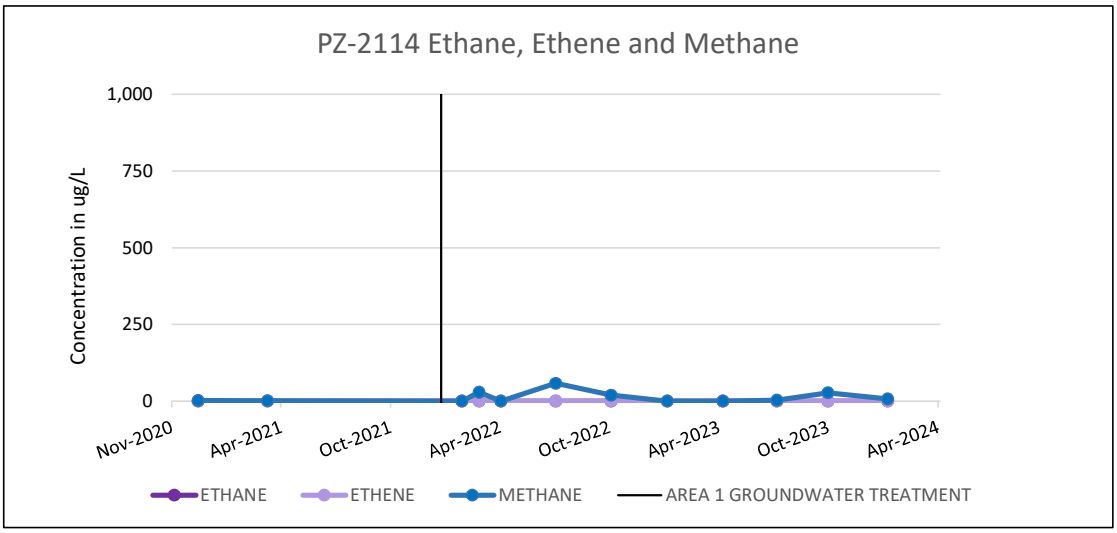

PZ-2113 Dissolved Metals
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

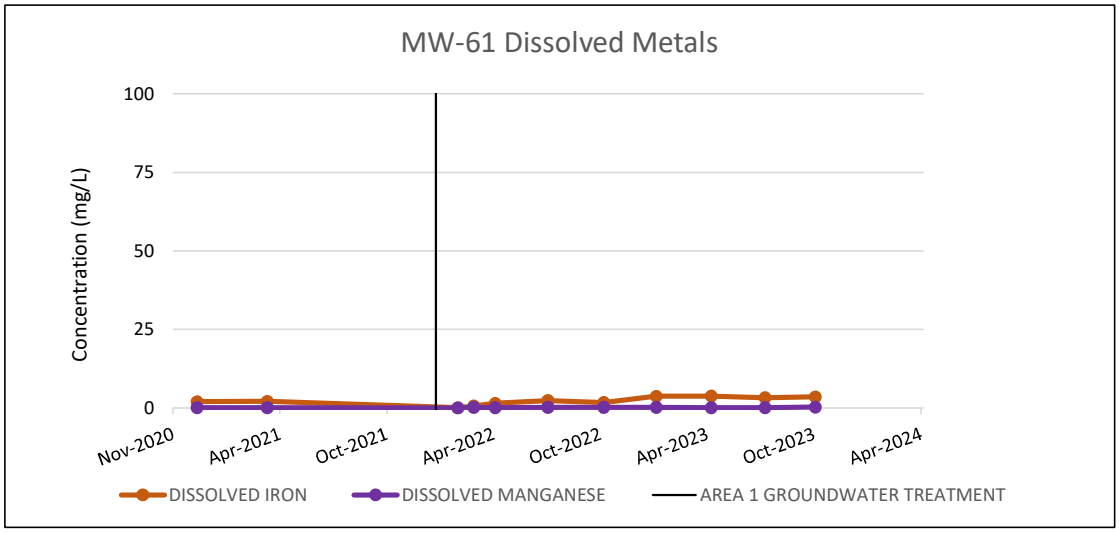

PZ-2113 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

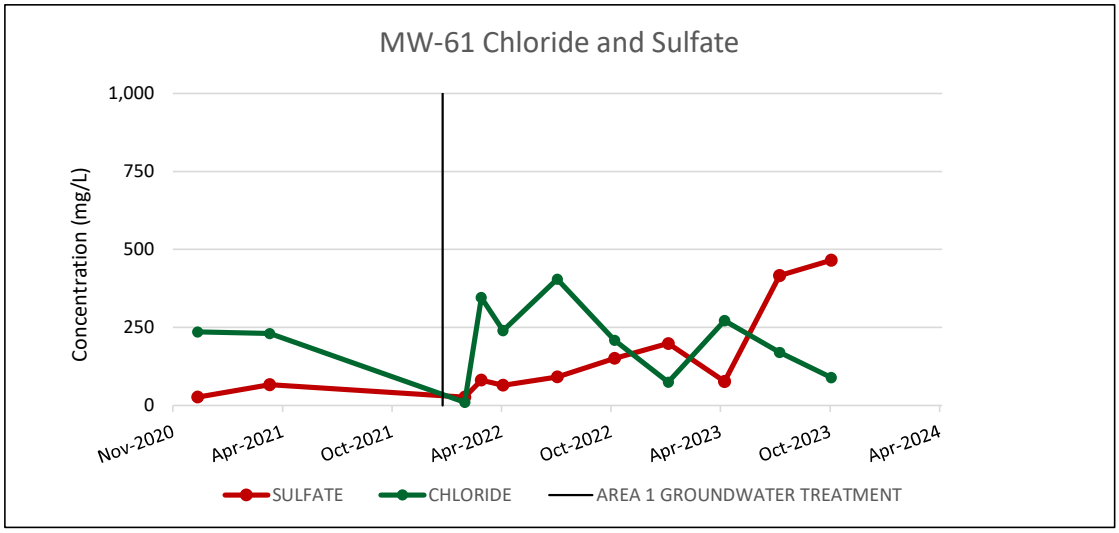

PZ-2113 Ethane, Ethene, Methane
Concentration (mg/L)
100,000
75,000
50,000
25,000
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

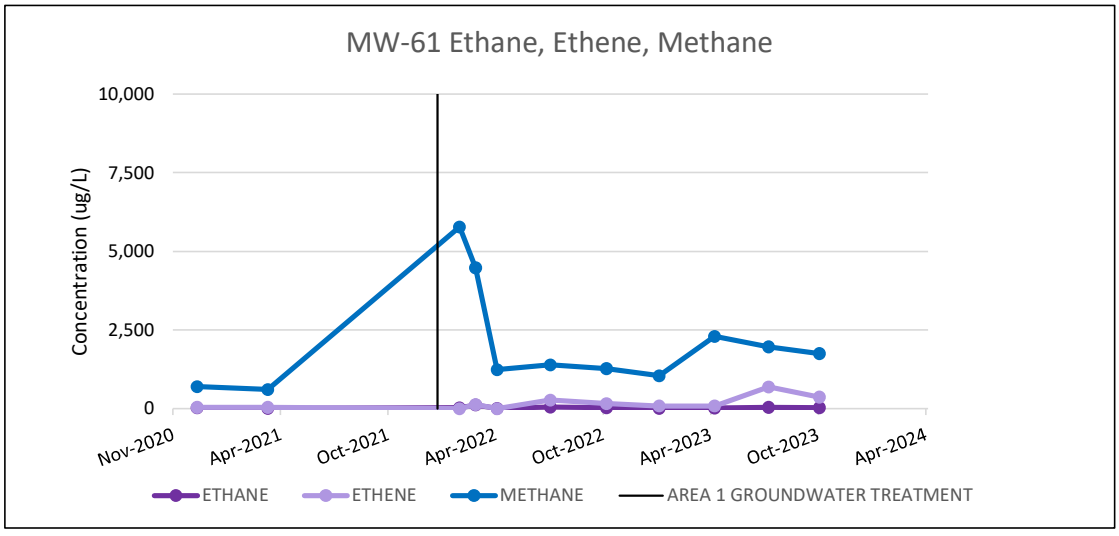

PZ-2114 Dissolved Metals
Concentration in mg/L
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT


PZ-2114 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

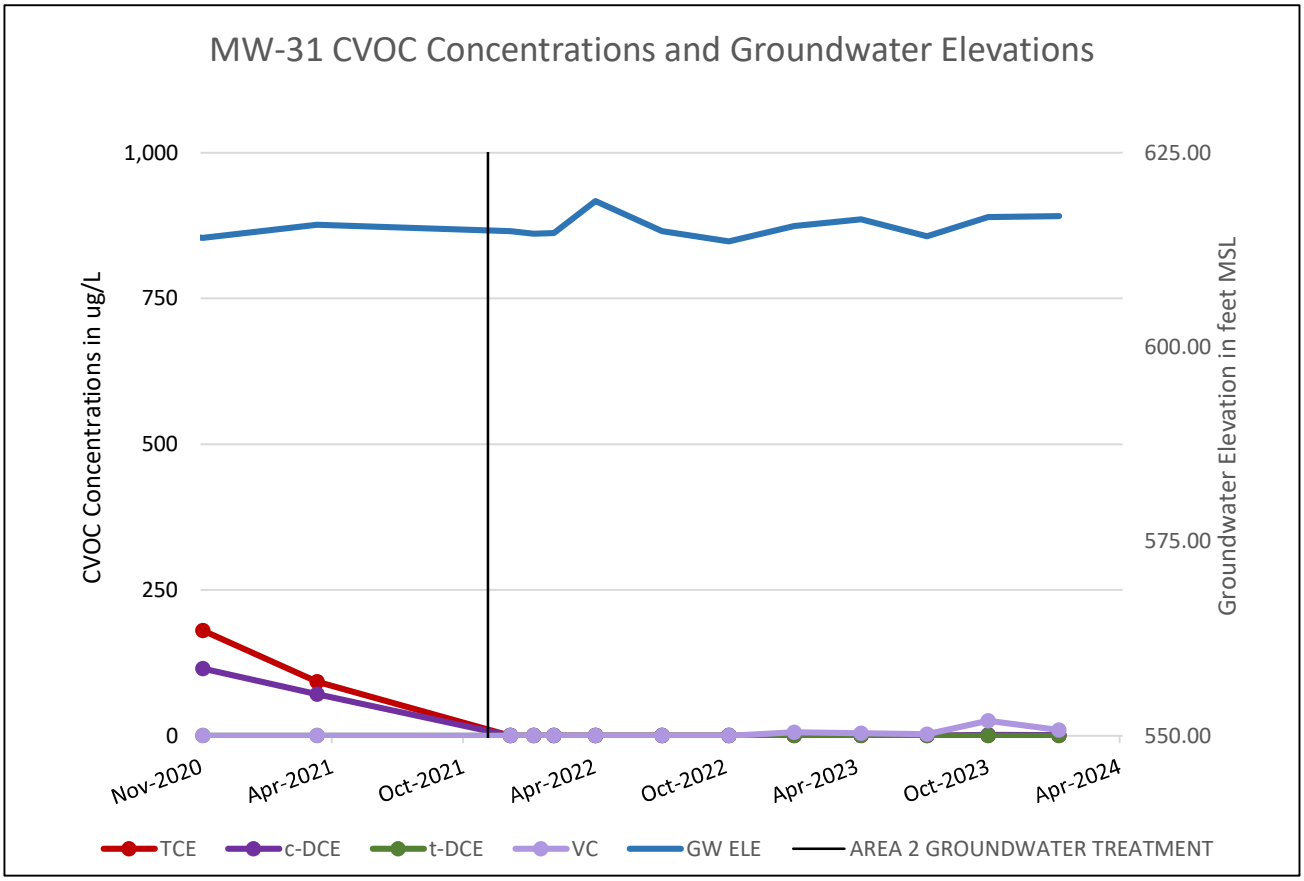

PZ-2114 Ethane, Ethene and Methane
Concentration in ug/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

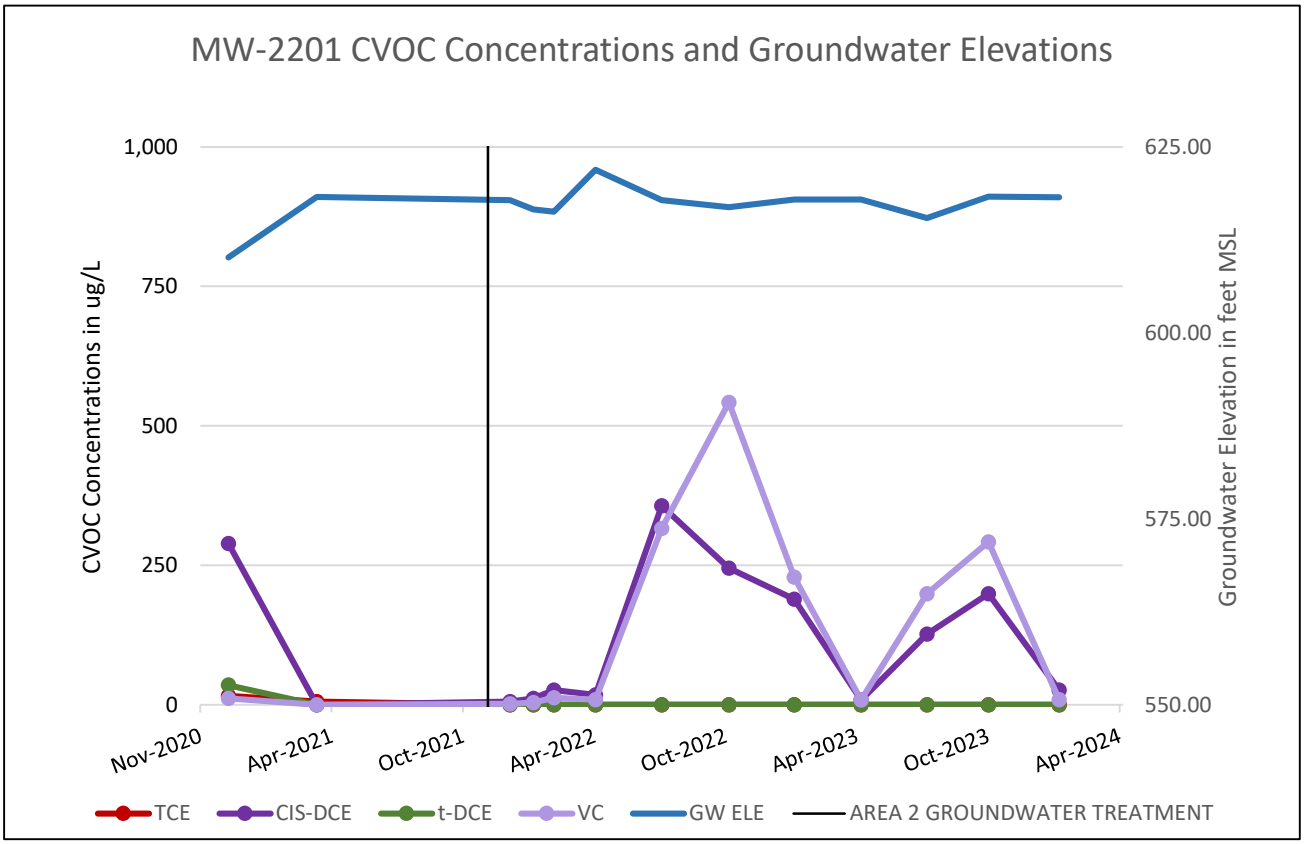

MW-61 Dissolved Metals
Concentration (mg/L)
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 1 GROUNDWATER TREATMENT

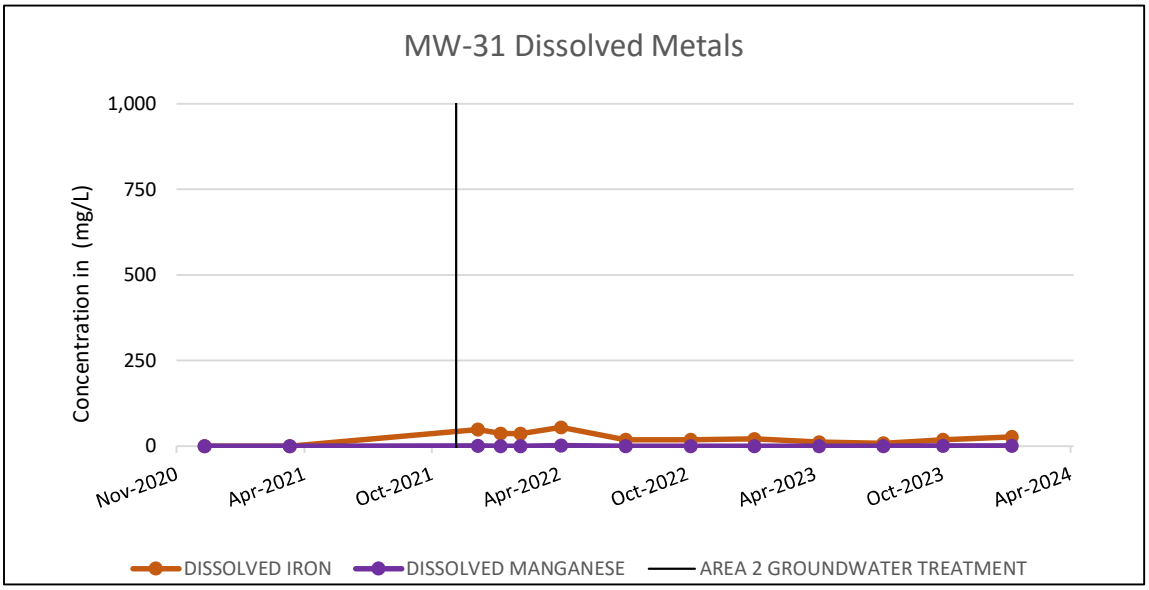

MW-61 Chloride and Sulfate
Concentration (mg/L)
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 1 GROUNDWATER TREATMENT

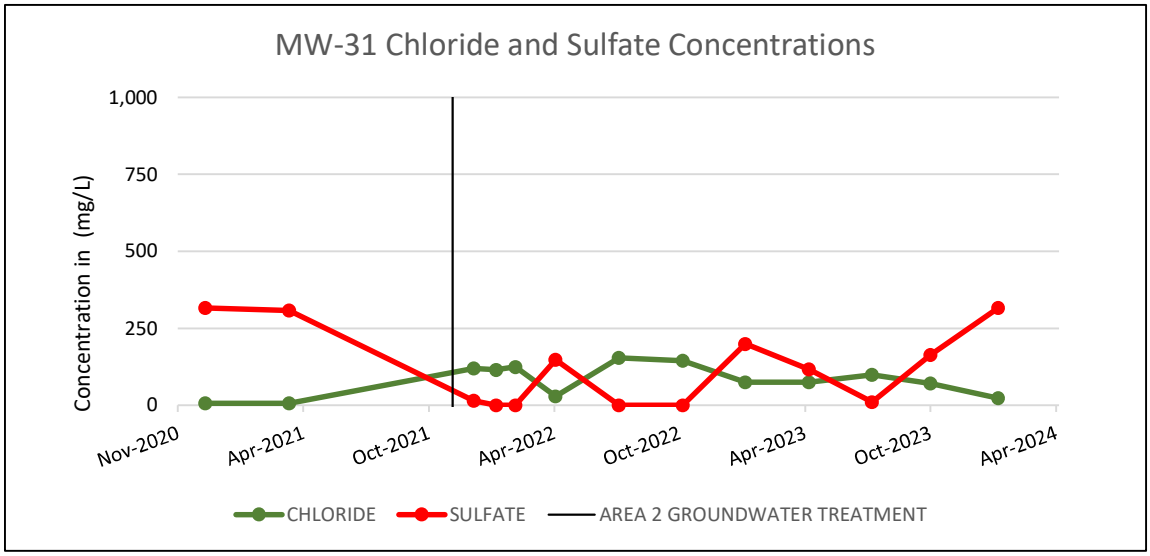

MW-61 Ethane, Ethene, Methane
Concentration (ug/L)
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 1 GROUNDWATER TREATMENT

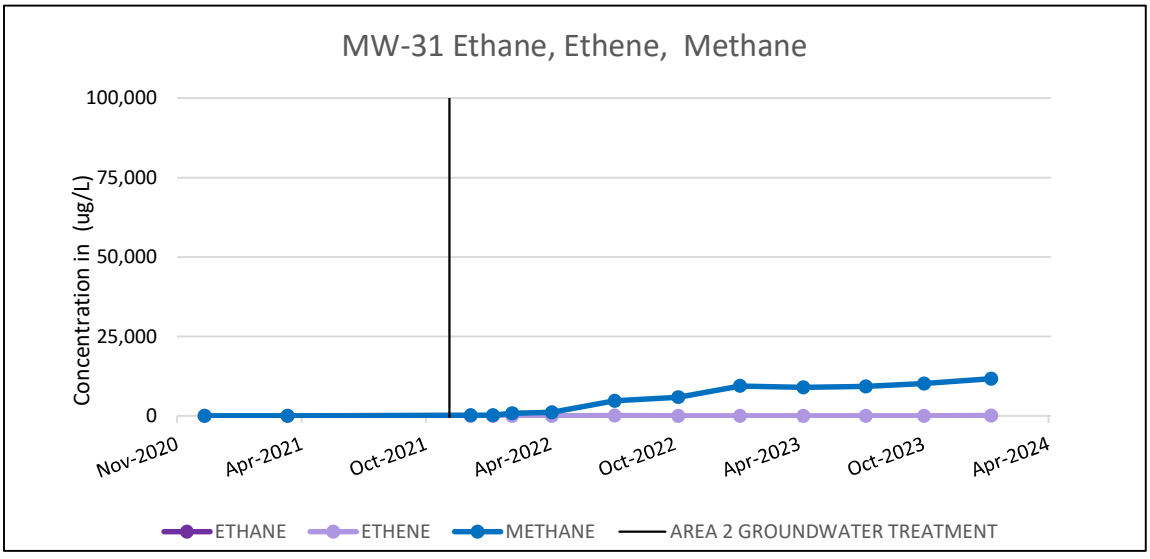
Appendix D Remediation Area 2 Concentration Graphs

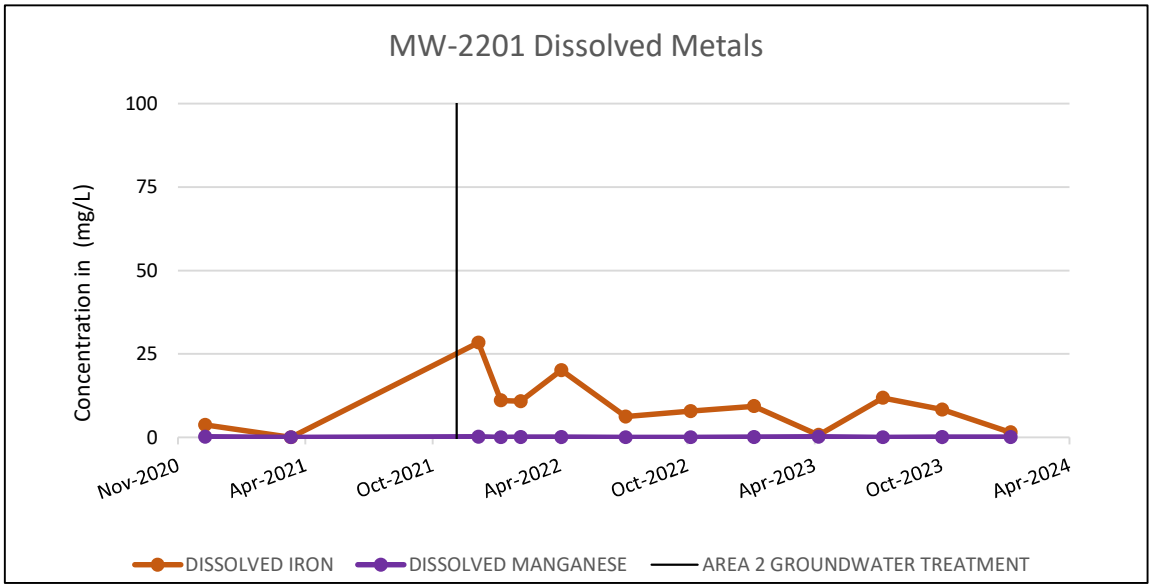

MW-31 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
c-DCE
t-DCE
VC
GW ELE
AREA 2 GROUNDWATER TREATMENT

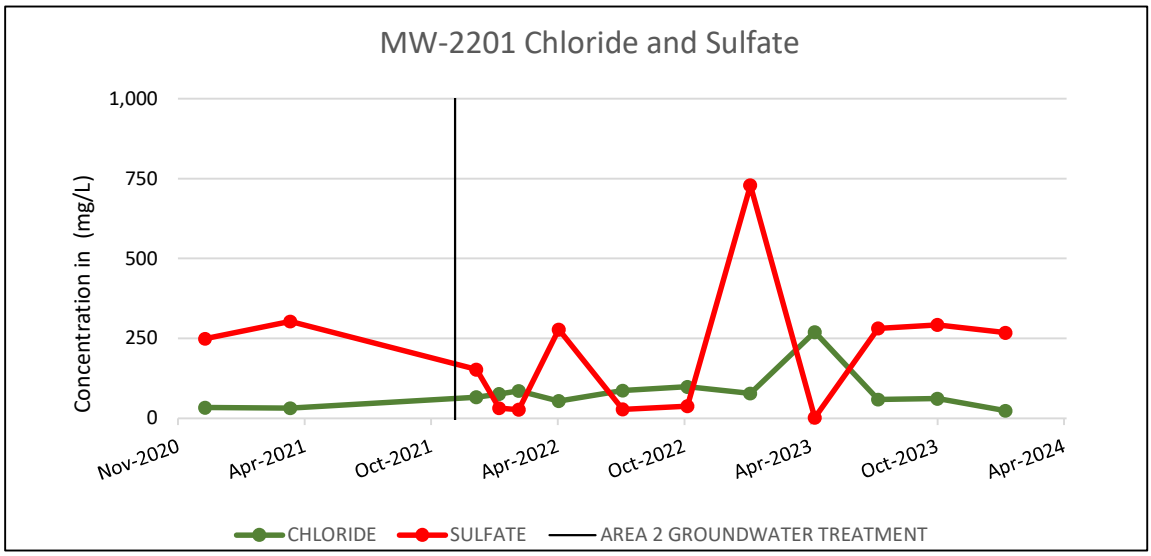

MW-2201 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 2 GROUNDWATER TREATMENT

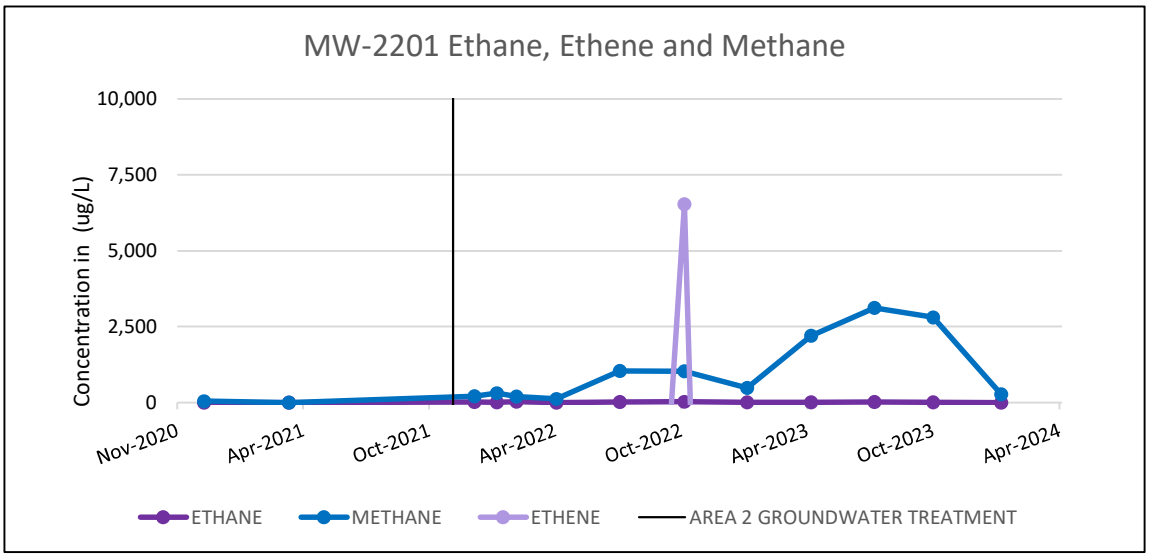

MW-31 Dissolved Metals
1,000
750
500
250
0
Concentration in (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 2 GROUNDWATER TREATMENT


MW-31 Chloride and Sulfate Concentrations
1,000
750
500
250
0
Concentration in (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
CHLORIDE
SULFATE
AREA 2 GROUNDWATER TREATMENT

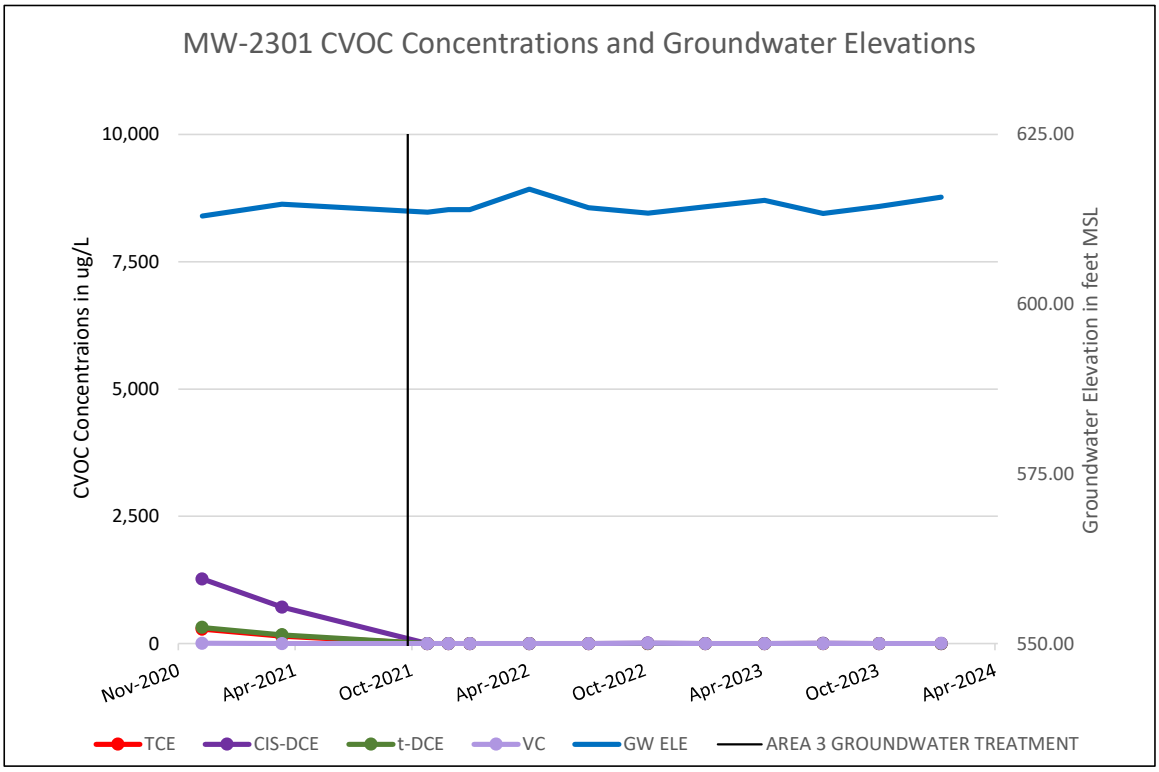

MW-31 Ethane, Ethene, Methane
100,000
75,000
50,000
25,000
0
Concentration in (ug/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 2 GROUNDWATER TREATMENT

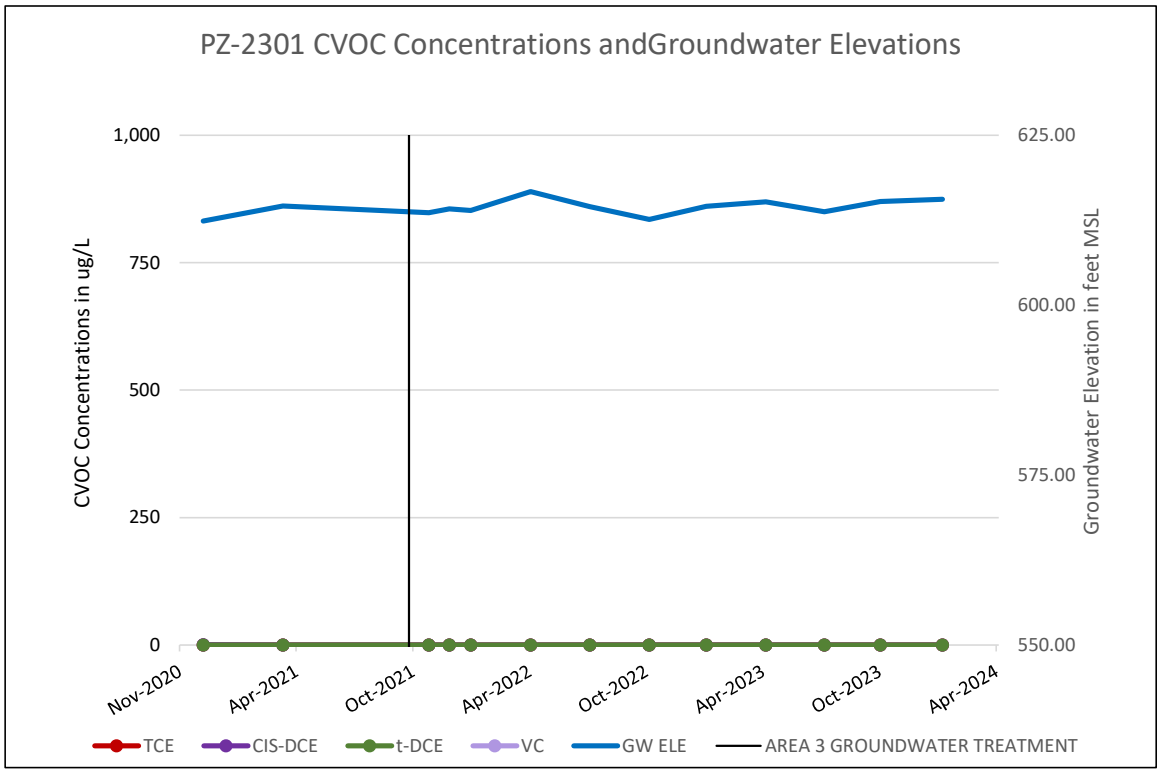

MW-2201 Dissolved Metals
Concentration in (mg/L)
100
75
50
25
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 2 GROUNDWATER TREATMENT

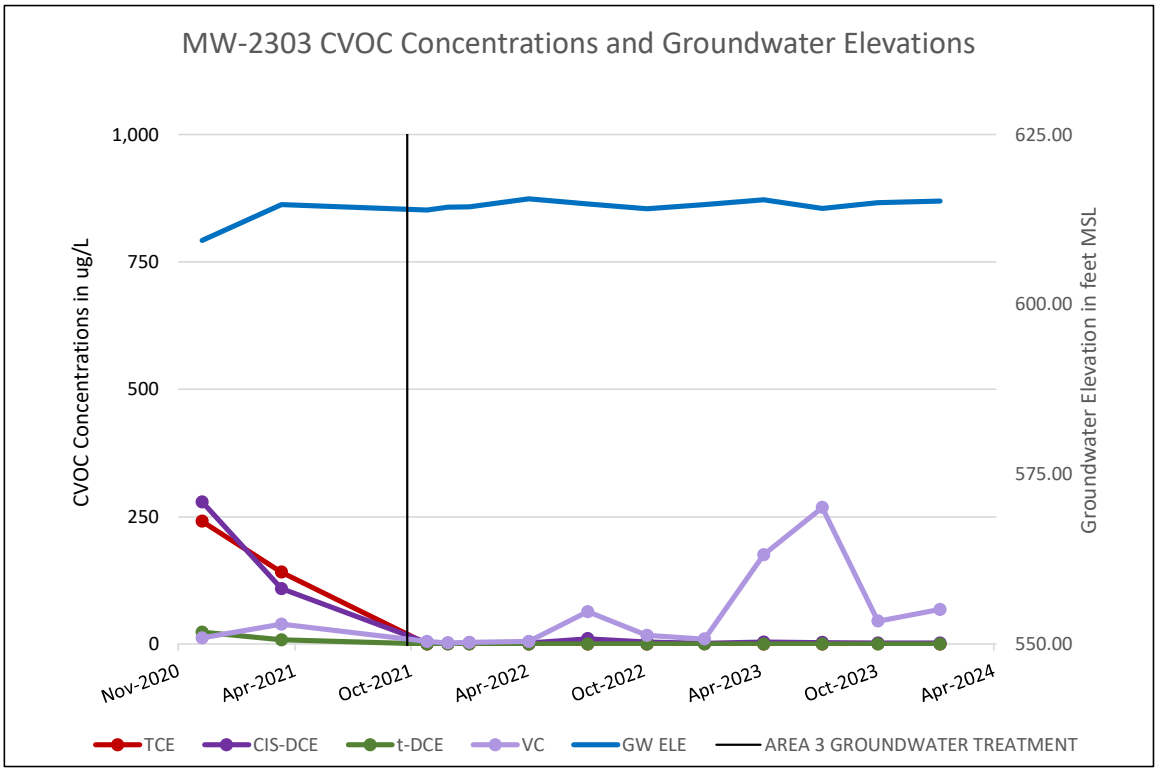

MW-2201 Chloride and Sulfate
Concentration in (mg/L)
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
CHLORIDE
SULFATE
AREA 2 GROUNDWATER TREATMENT

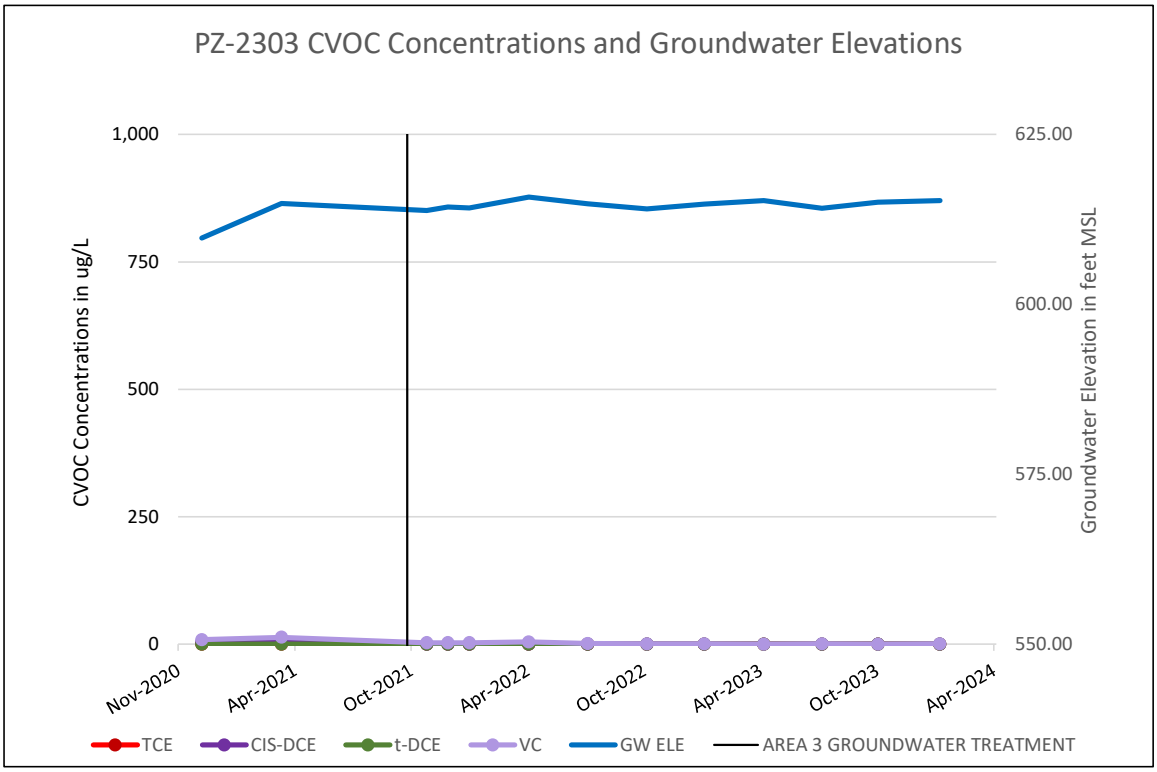

MW-2201 Ethane, Ethene and Methane
Concentration in (ug/L)
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
METHANE
ETHENE
AREA 2 GROUNDWATER TREATMENT

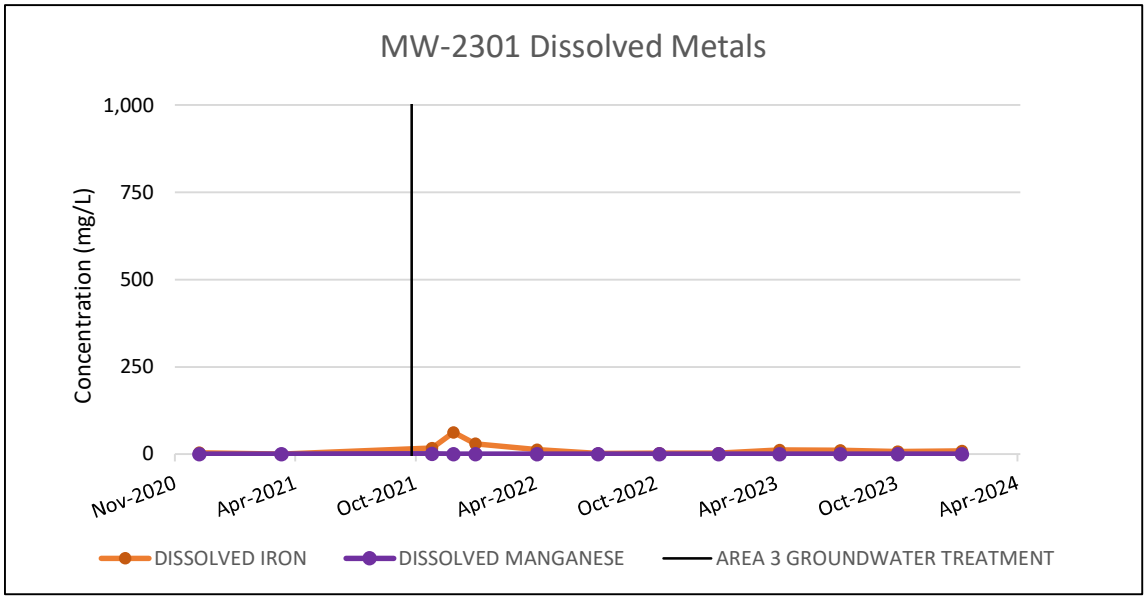
Appendix E Remediation Area 3 Concentration Graphs

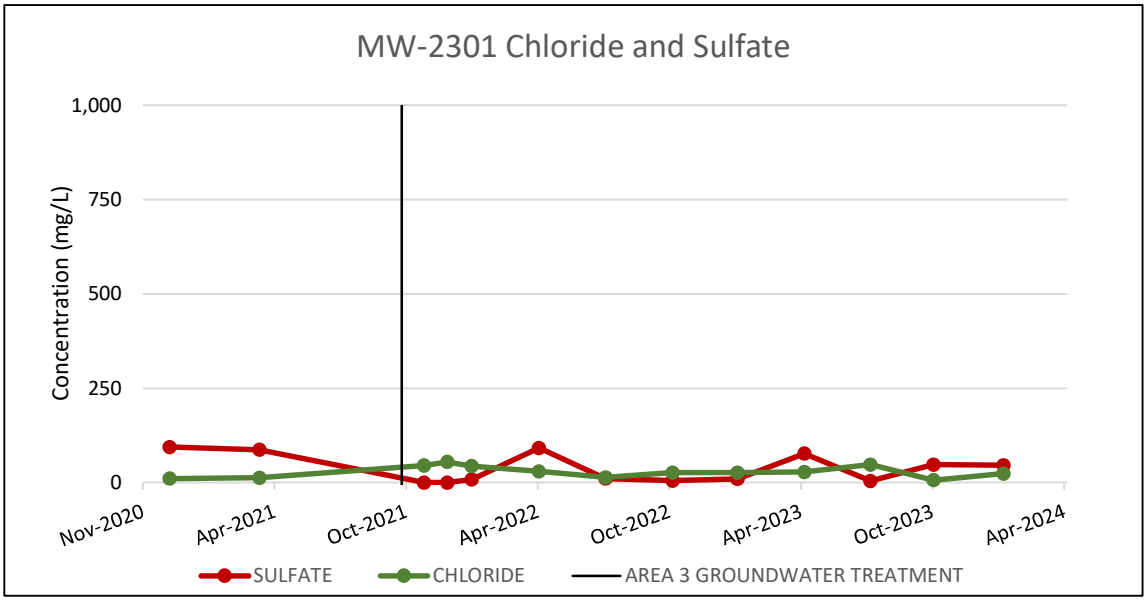

MW-2301 CVOC Concentrations and Groundwater Elevations
CVOC Concentraions in ug/L
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Groundwater Elevation in feet MSL
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 3 GROUNDWATER TREATMENT

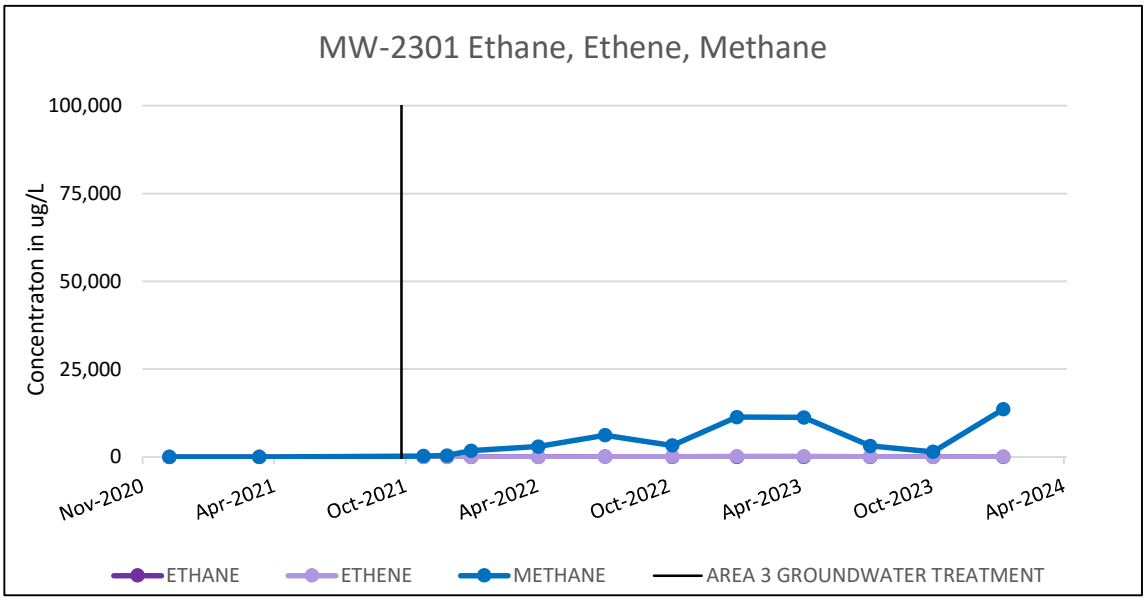

PZ-2301 CVOC Concentrations andGroundwater Elevations
CVOC Concentrations in ug/L
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Groundwater Elevation in feet MSL
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 3 GROUNDWATER TREATMENT

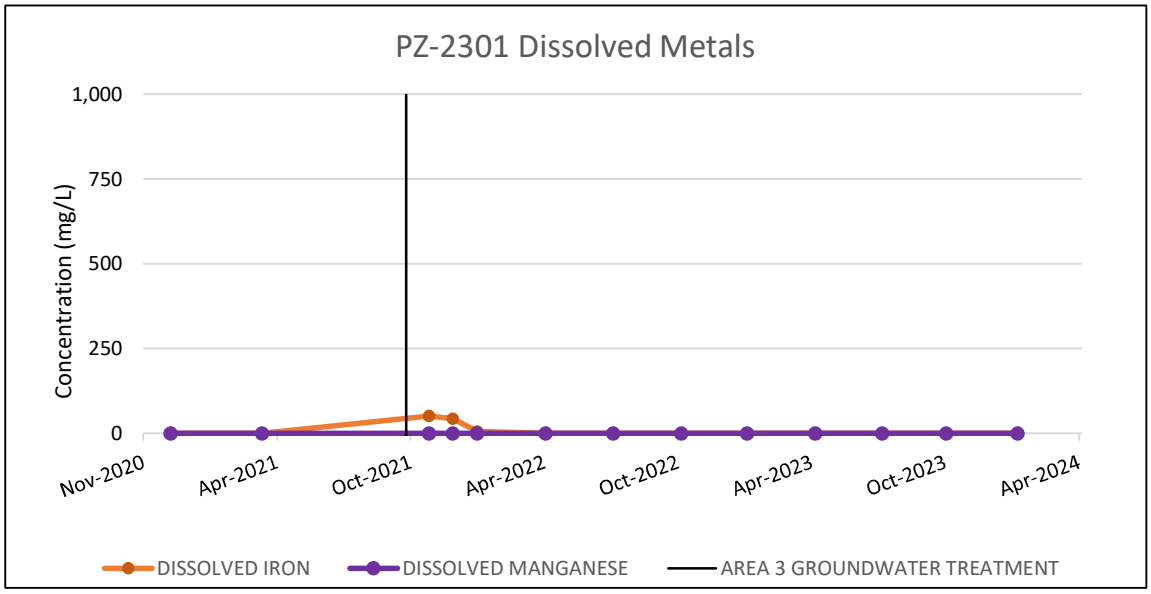

MW-2303 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 3 GROUNDWATER TREATMENT

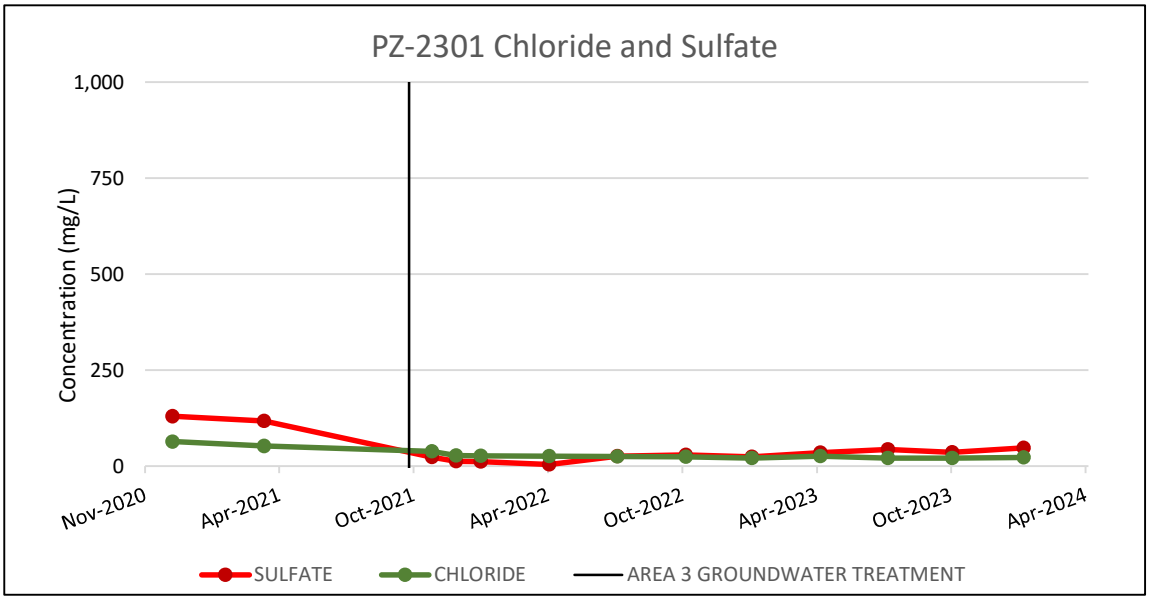

PZ-2303 CVOC Concentrations and Groundwater Elevations
CVOC Concentrations in ug/L
Groundwater Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
t-DCE
VC
GW ELE
AREA 3 GROUNDWATER TREATMENT

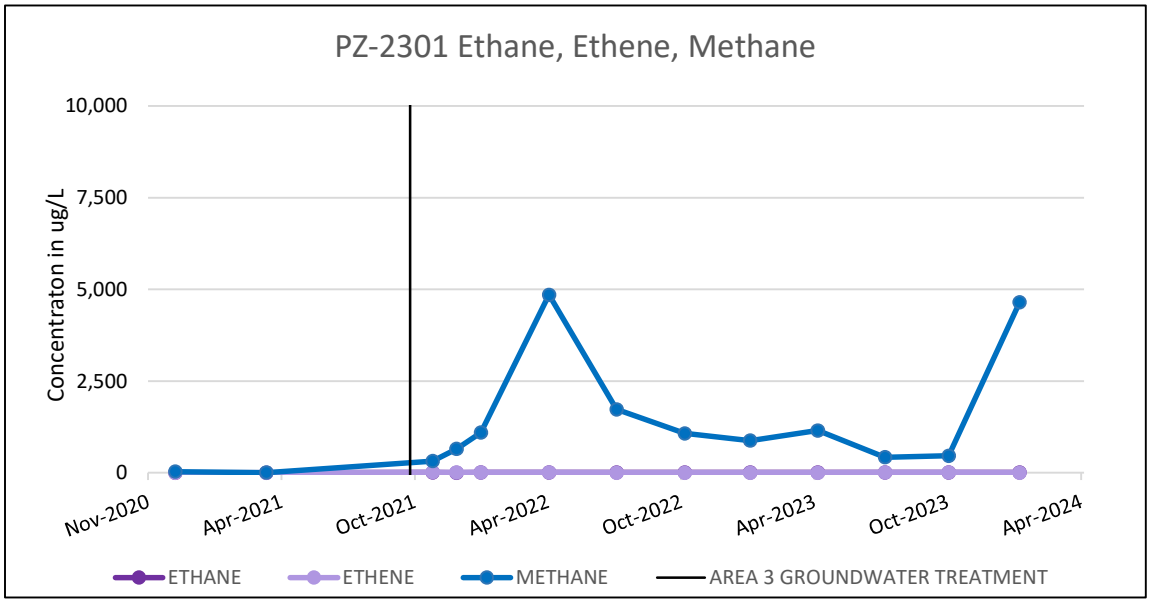

MW-2301 Dissolved Metals
1,000
750
500
250
0
Concentration (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 3 GROUNDWATER TREATMENT

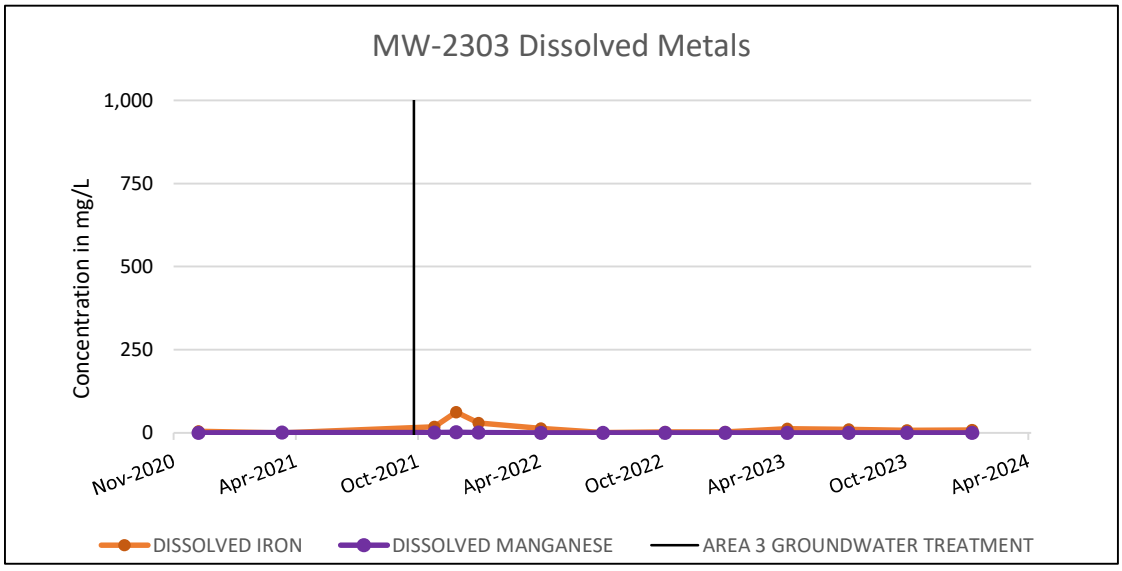

MW-2301 Chloride and Sulfate
1,000
750
500
250
0
Concentration (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 3 GROUNDWATER TREATMENT

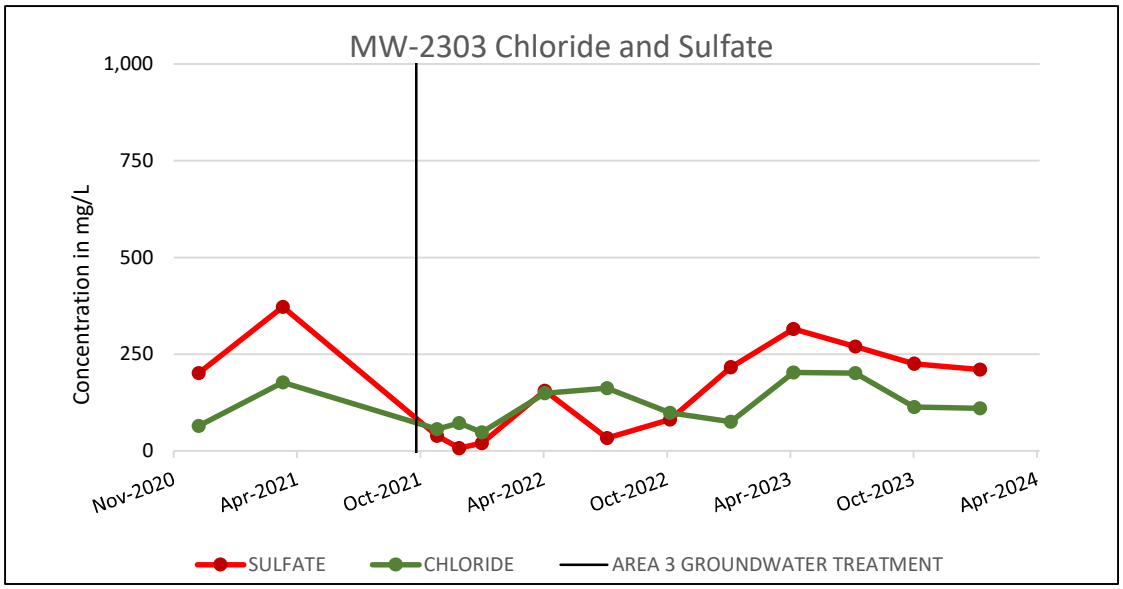

MW-2301 Ethane, Ethene, Methane
100,000
75,000
50,000
25,000
0
Concentraton in ug/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 3 GROUNDWATER TREATMENT

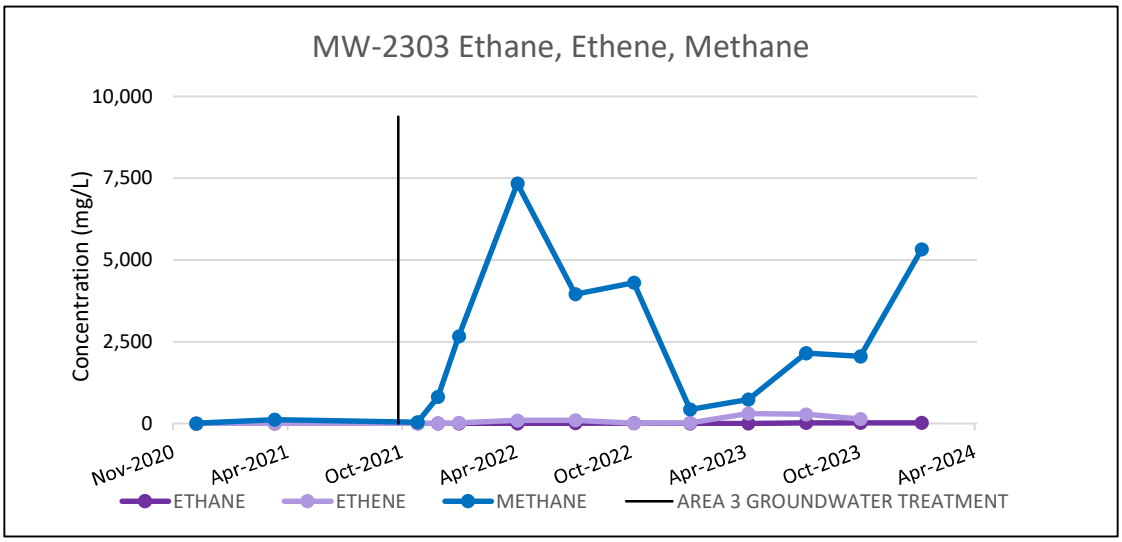

PZ-2301 Dissolved Metals
1,000
750
500
250
0
Concentration (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 3 GROUNDWATER TREATMENT

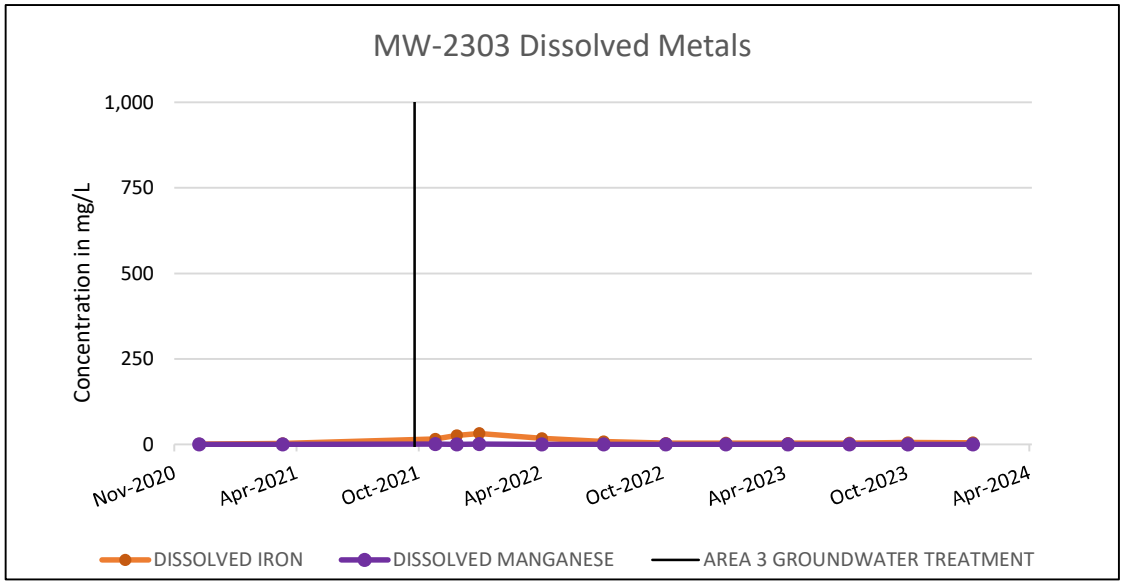

PZ-2301 Chloride and Sulfate
1,000
750
500
250
0
Concentration (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 3 GROUNDWATER TREATMENT

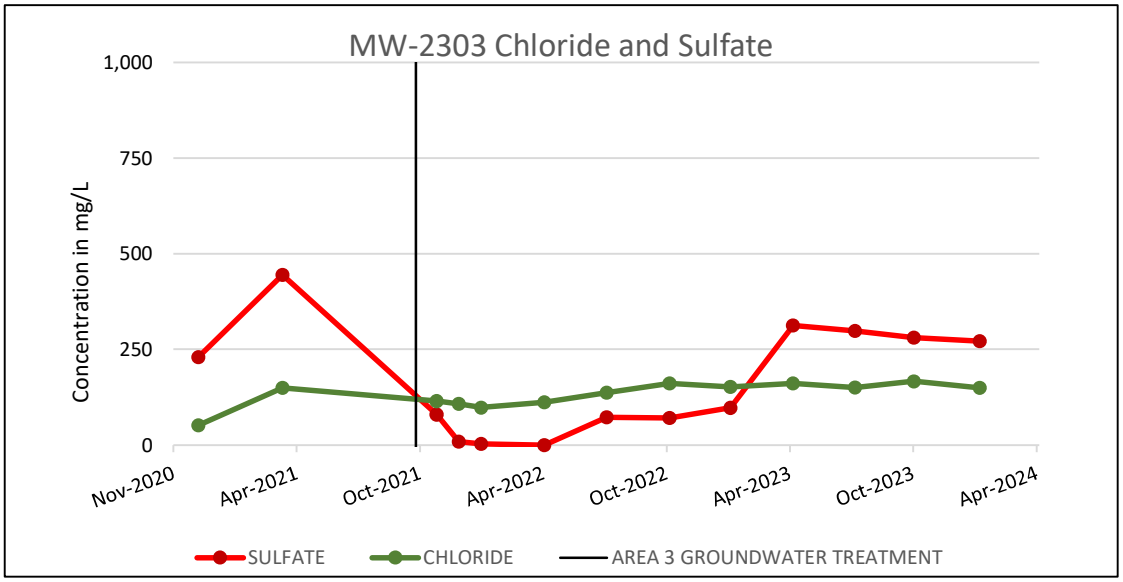

PZ-2301 Ethane, Ethene, Methane
10,000
7,500
5,000
2,500
0
Concentraton in ug/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 3 GROUNDWATER TREATMENT

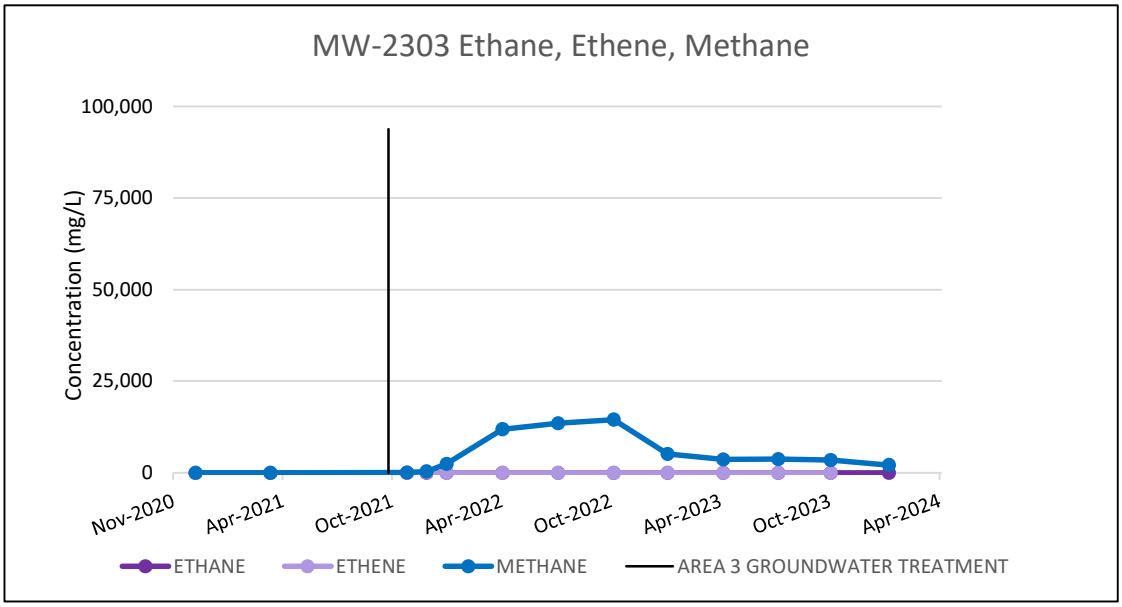

MW-2303 Dissolved Metals
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 3 GROUNDWATER TREATMENT


MW-2303 Chloride and Sulfate
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 3 GROUNDWATER TREATMENT

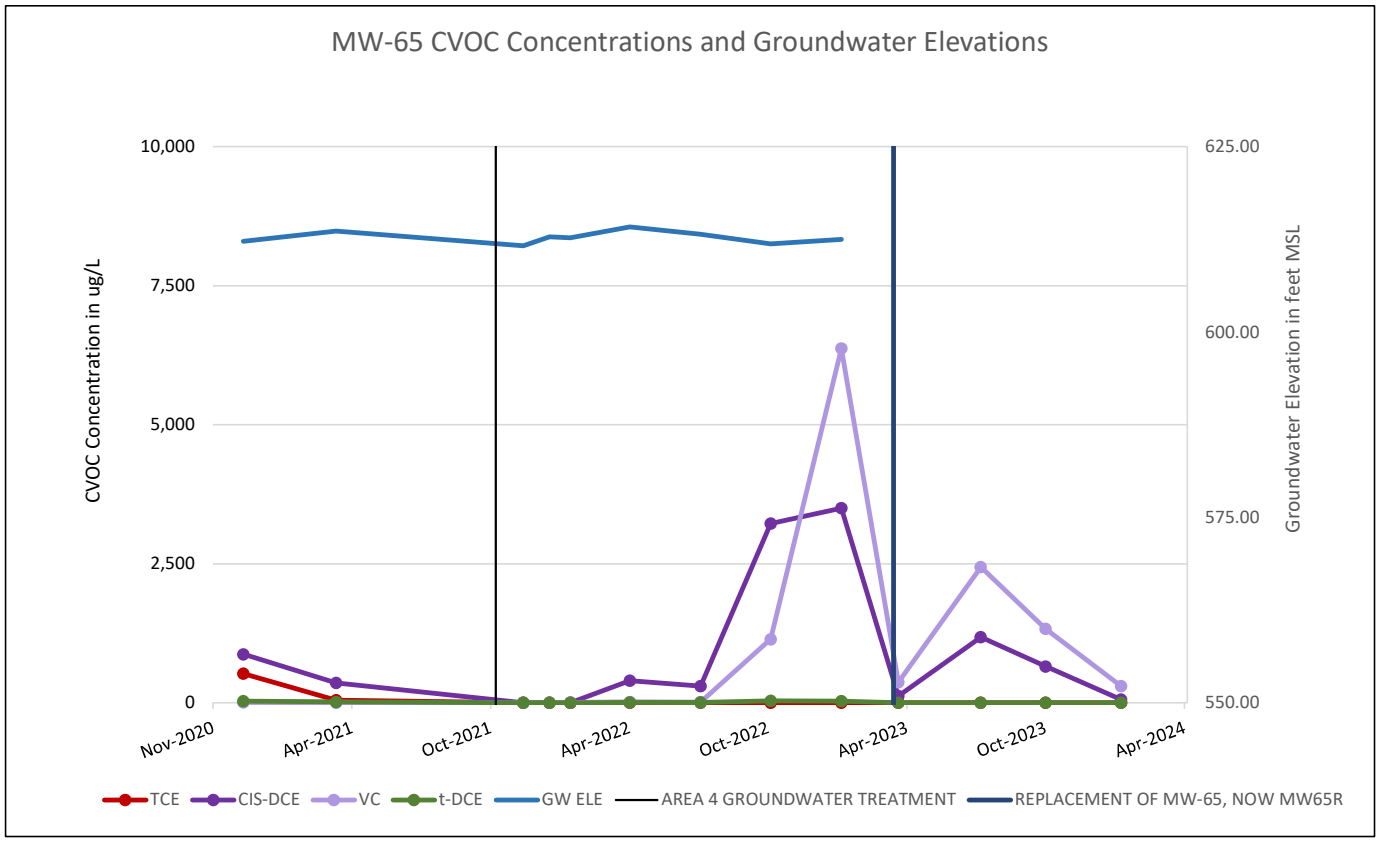

MW-2303 Ethane, Ethene, Methane
Concentration (mg/L)
10,000
7,500
5,000
2,500
0
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 3 GROUNDWATER TREATMENT

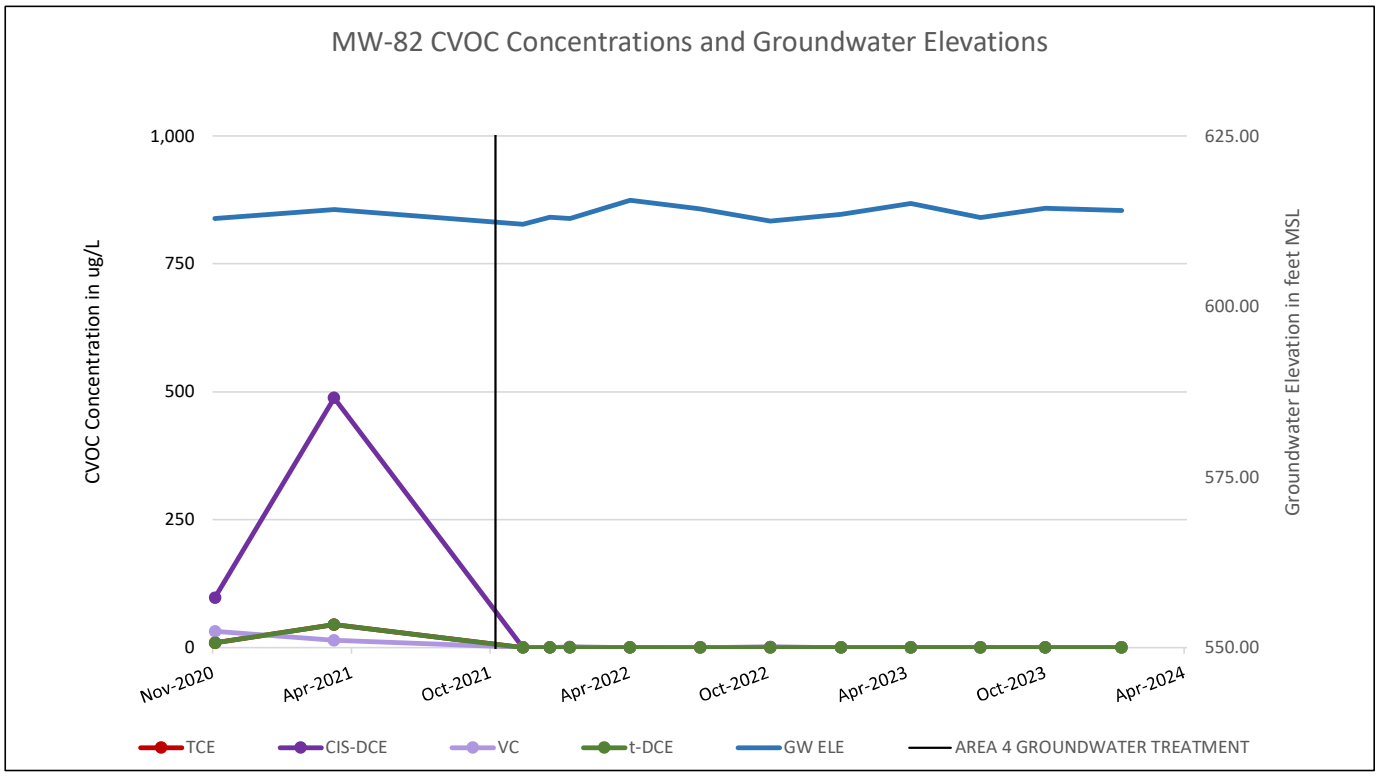

MW-2303 Dissolved Metals
1,000
750
500
250
0
Concentration in mg/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 3 GROUNDWATER TREATMENT

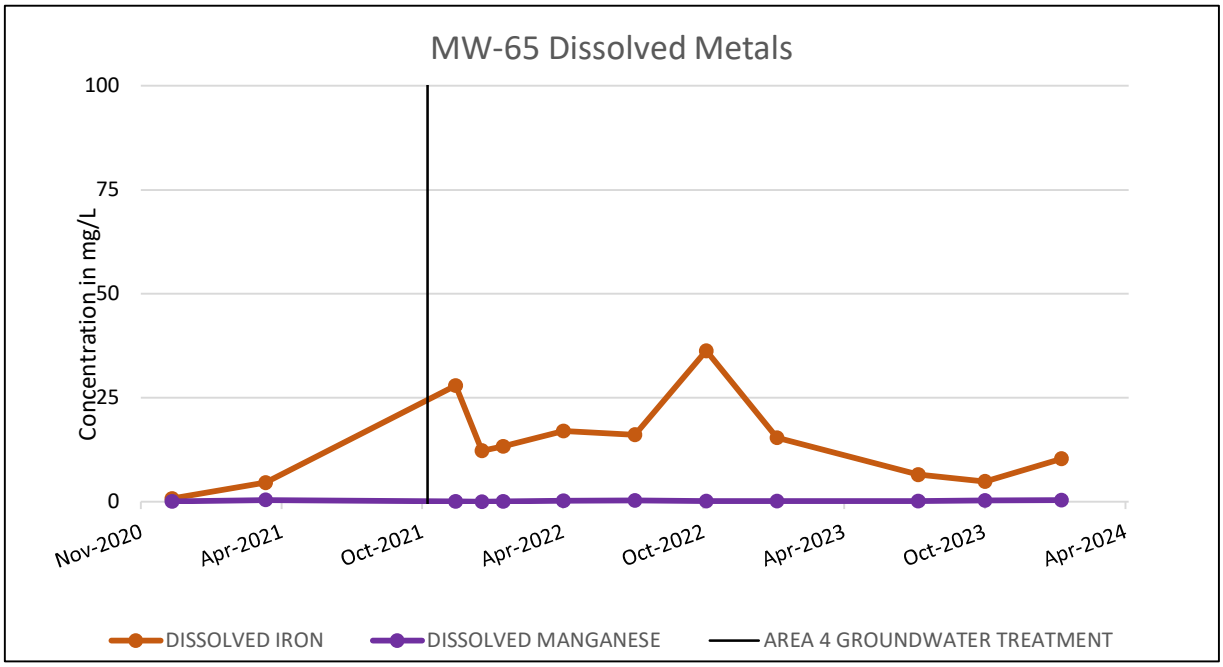

MW-2303 Chloride and Sulfate
1,000
750
500
250
0
Concentration in mg/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 3 GROUNDWATER TREATMENT

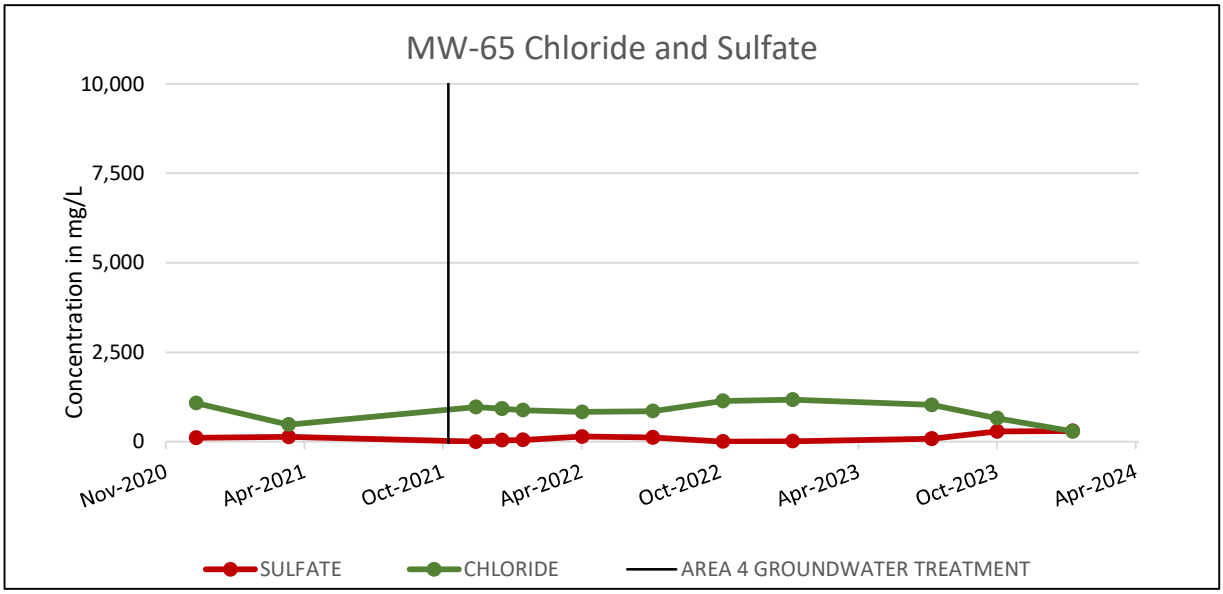

MW-2303 Ethane, Ethene, Methane
100,000
75,000
50,000
25,000
0
Concentration (mg/L)
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 3 GROUNDWATER TREATMENT

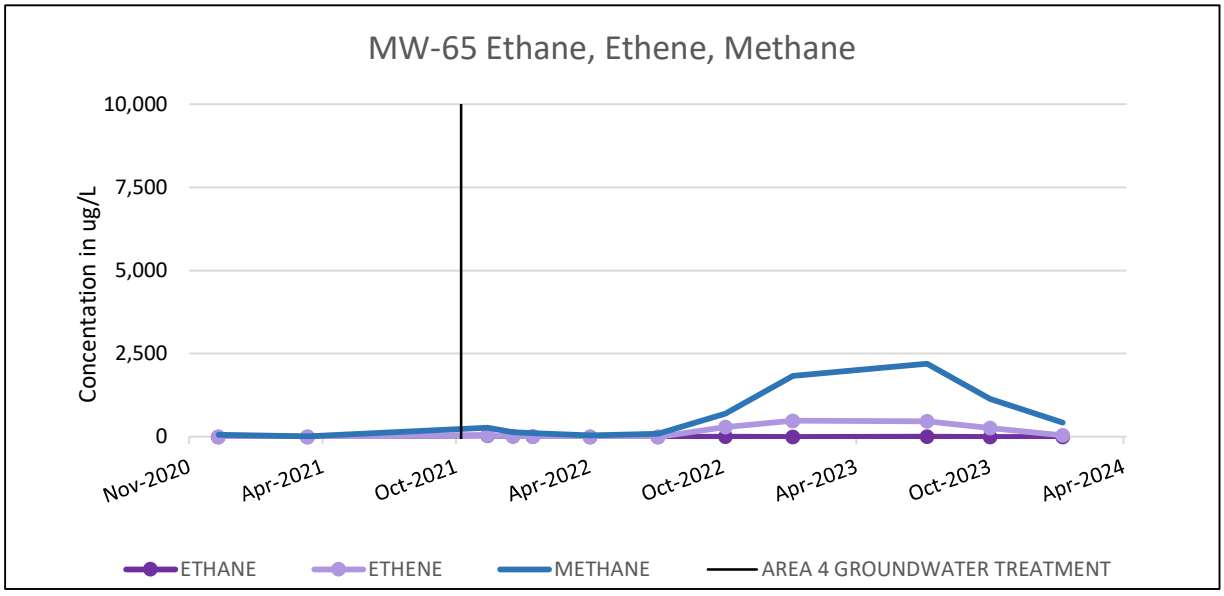
Appendix F Remediation Area 4 Concentration Graphs

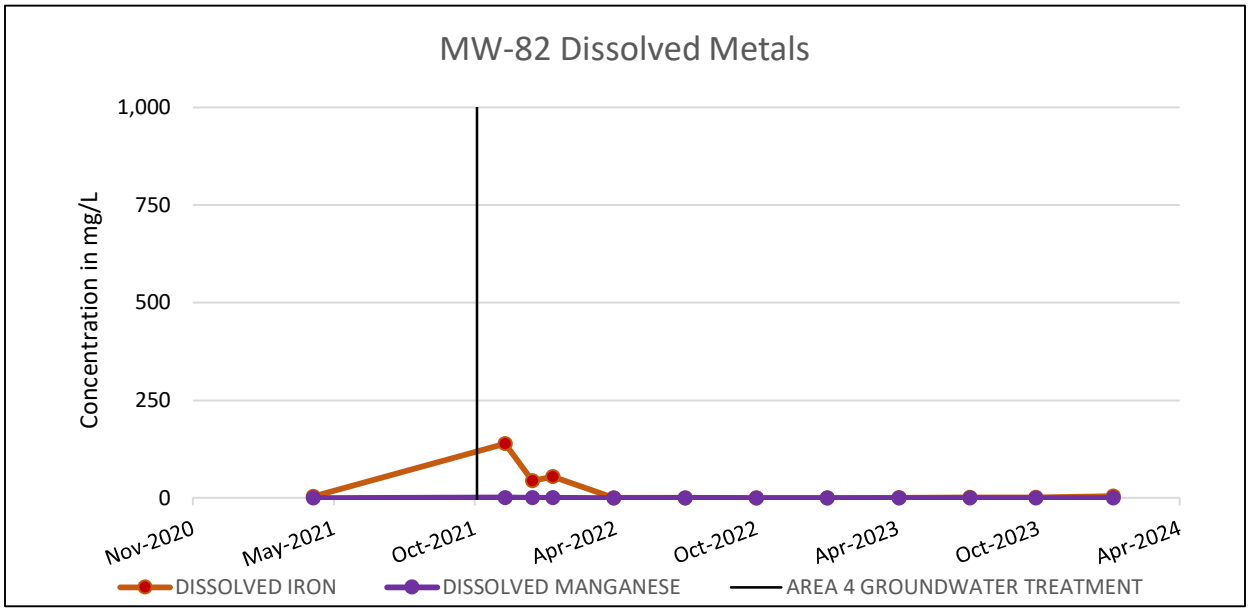

MW-65 CVOC Concentrations and Groundwater Elevations
CVOC Concentration in ug/L
Groundwater Elevation in feet MSL
10,000
7,500
5,000
2,500
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
VC
t-DCE
GW ELE
AREA 4 GROUNDWATER TREATMENT
REPLACEMENT OF MW-65, NOW MW65R

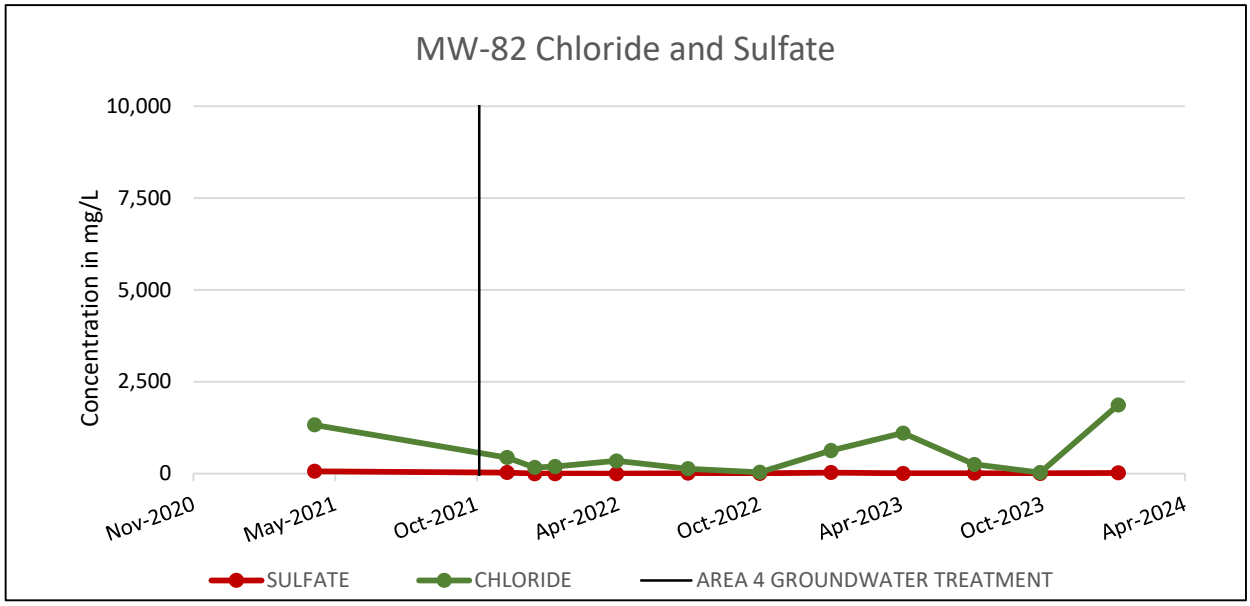

MW-82 CVOC Concentrations and Groundwater Elevations
CVOC Concentration in ug/L
Groundwater Elevation in feet MSL
1,000
750
500
250
0
625.00
600.00
575.00
550.00
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
TCE
CIS-DCE
VC
t-DCE
GW ELE
AREA 4 GROUNDWATER TREATMENT

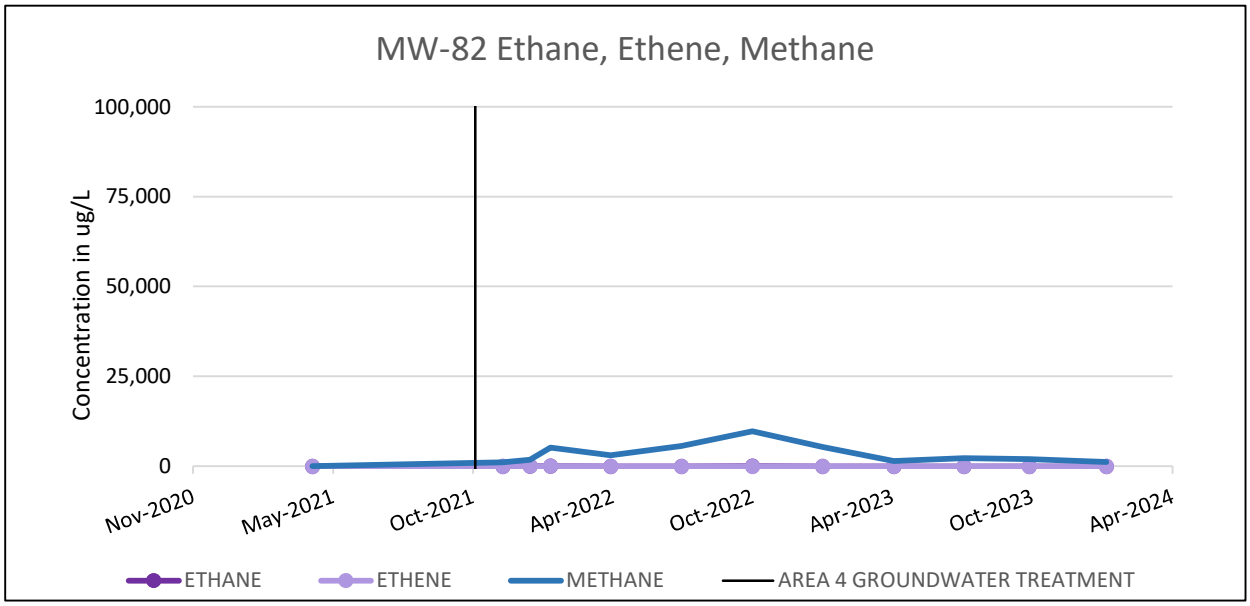

MW-65 Dissolved Metals
100
75
50
25
0
Concentration in mg/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 4 GROUNDWATER TREATMENT


MW-65 Chloride and Sulfate
10,000
7,500
5,000
2,500
0
Concentration in mg/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 4 GROUNDWATER TREATMENT


MW-65 Ethane, Ethene, Methane
10,000
7,500
5,000
2,500
0
Concentation in ug/L
Nov-2020
Apr-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 4 GROUNDWATER TREATMENT


MW-82 Dissolved Metals
Concentration in mg/L
1,000
750
500
250
0
Nov-2020
May-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
DISSOLVED IRON
DISSOLVED MANGANESE
AREA 4 GROUNDWATER TREATMENT


MW-82 Chloride and Sulfate
Concentration in mg/L
10,000
7,500
5,000
2,500
0
Nov-2020
May-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
SULFATE
CHLORIDE
AREA 4 GROUNDWATER TREATMENT


MW-82 Ethane, Ethene, Methane
Concentration in ug/L
100,000
75,000
50,000
25,000
0
Nov-2020
May-2021
Oct-2021
Apr-2022
Oct-2022
Apr-2023
Oct-2023
Apr-2024
ETHANE
ETHENE
METHANE
AREA 4 GROUNDWATER TREATMENT

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