State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Notice: This form may be used to comply with the requirements of s. NR 716.14 (2), Wis. Adm. Code; however, use of this form is not required. An alternate format may be used. The rule requires that notification be provided to 1) property owners when someone else is conducting the sampling, 2) to occupants of property belonging to the responsible person, and 3) to owners and occupants of property that does not belong to the responsible person but has been affected by contamination arising on his or her property. Notification is required within 10 business days of receiving the sample results. Personal information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

NOTE: Under s. NR 716.14, Wis. Adm. Code, the responsible party must also submit sample results and other required information to the DNR. We recommend that copies of the sample results notifications be included with that submittal, along with all attachments. Using the same format used for data presentation for a closure request may be helpful to all parties. See s. NR 716.14, Wis. Adm. Code for the full list of information to be submitted to the DNR.

Notification of Property Owners and Occupants:

This notification form has been provided to you in order to provide the results of environmental sampling that has been conducted on property that you own or occupy. Samples were collected in accordance with the methods identified in the site investigation work plan, in accordance with s. NR. 716.09 and 716.13, Wis. Adm. Code. This sampling was conducted as a result of contamination originating at the following location.

Site Information

Site Name		DNR ID # (BRRTS #)	
Enbridge Line 13 Blackhawk Valve		02-28-586199	
Address	**City**	**State**	**ZIP Code**
Blackhawk Island Road	Fort Atkinson	WI	53538

Responsible Party

The person(s) responsible for completing this environmental investigation is:

Property Owner

Enbridge Energy, Limited Partnership (Responsible Party / Operator) Tri-State Holdings LLC (property owner)

Address	City	State	ZIP Code
11 East Superior Street - Suite 125	Duluth	MN	55802

Contact Person	Phone Number (include area code)
Karl Beaster, P.G.	(715) 718-1040

Person or company that collected samples

WSP USA Inc.

Sample Results (Results Attached)

Reason for Sampling: ◉ Routine ○ Other (define) _____

The contaminants that have been identified at this time on property that you own or occupy include:

Contaminant	In Soil? Yes	In Soil? No	In Groundwater? Yes	In Groundwater? No
Gasoline	○	○	○	○
Diesel or Fuel Oil	○	○	○	○
Solvents	○	○	○	○
Heavy Metals	○	○	○	○
Pesticides	○	○	○	○
Other: diluent liquid	◉	○	◉	○

This sampling event included sampling of a drinking water well.
○ Yes ◉ No

If yes, the sampled drinking water well had detectable contaminants.
○ Yes ○ No

Contaminants in Vapor	Yes	No
Indoor Air	○	○
Sub-slab	○	○
Exterior Soil Gas	○	○

Attached are:

- A map that shows the locations from which samples were collected. (The map needs to meet the requirements of s. NR 716.15 (4), Wis. Adm. Code.)
- A data table with specific contaminant levels at each sample location and whether or not the sample results exceed state standards.
- A copy of the laboratory results.

You are not identified as the person that is responsible for this contamination. However, your cooperation is important. Property owners may become legally responsible for contamination if they do not allow access to the person that is responsible so that person may complete the environmental investigation and clean up activities.

Option for written exemption: You have the option of requesting a written liability exemption from the DNR for contamination that originated on another property, or on property that you lease. To do this, you must present an adequate environmental assessment of your property and pay a $700 fee for review of this information. If you are interested in this option, please see DNR publication # RR 589, "When Contamination Crosses a Property Line - Rights and Responsibilities of Property Owners", available at: dnr.wi.gov/files/PDF/pubs/rr/rr589.pdf.

Contact Information

Please address questions regarding this notification, or requests for additional information to the contact person listed above, or to one of the following contacts:

Environmental Consultant

Company Name	Contact Person Last Name	First Name
WSP USA Inc.	Huff	Tim

Address	City	State	ZIP Code
5957 McKee Road, Suite 7	Madison	WI	53719

Phone # (inc. area code)	Email
(314) 206-4212	tim.huff@wsp.com

Select which agency: (●) Natural Resources ( ) Agriculture, Trade and Consumer Protection

State of Wisconsin Department of Natural Resources

Contact Person Last Name	First Name	Phone # (inc. area code)
Rice	Caroline	(608) 219-2182

Address	City	State	ZIP Code
3911 Fish Hatchery Rd	Fitchburg	WI	53711

Email
caroline.rice@wisconsin.gov

November 28, 2023

Karl Beaster, PG
Sr. Environmental Advisor
Enbridge Energy, Limited Partnership
11 East Superior Street, Suite 125
Duluth, MN 55802
karl.beaster@enbridge.com

Subject: **Monitoring Well Sampling Results – Q4 2023**
Enbridge Line 13 MP 312, Blackhawk Island Rd Valve Site, Ft. Atkinson, WI
WDNR BRRTS #02-28-586199

Dear Mr. Beaster:

WSP USA Inc. (WSP) is pleased to submit the following summary of sampling results for monitoring wells that were sampled between October 16 and 20, 2023, at the Line 13 Milepost (MP) 312 Valve Site located at the intersection of Blackhawk Island Road and Westphal Lane near Fort Atkinson, Wisconsin (Site). The samples were collected in accordance with the Work Plan for Groundwater Sampling and Monitoring Well Installation, dated July 8, 2022. In accordance with NR 716.09 (3)(a), Wis. Adm. Code, the Wisconsin Department of Natural Resources (WDNR) provided a notice to proceed in correspondence dated August 8, 2022. This summary of results is provided to fulfill the reporting requirements of NR 716.14, Wis. Adm. Code.

SAMPLING LOCATIONS AND PROCEDURES

WSP collected water samples from the 24 monitoring wells at the Site between October 16 and 20, 2023. The well locations are shown on Figure 1. One monitoring well MW-18-31 was excluded from this sampling event due to measurable free product in the well. Groundwater samples were collected in accordance with WSP's Standard Operating Procedures using low-flow purge and sample methods. Samples were analyzed by Pace Analytical of Green Bay, Wisconsin for:

- Volatile organic compounds (VOCs) by EPA Method 8260.
- Quality Assurance / Quality Control (QA/QC) samples included three duplicate samples, two equipment blank samples, and one trip blank sample, which were submitted with the monitoring well samples for VOCs analysis.

Samples were collected from six monitoring wells to assess geochemical conditions related to natural attenuation of petroleum compounds. Monitored Natural Attenuation (MNA) involves assessing geochemical trends by sampling for natural attenuation parameters inside and outside the area of impacted groundwater. Samples were collected from monitoring wells MW-02-25 and MW-17-20 to establish upgradient geochemical parameter concentrations. Samples from MW-01-32 and MW-14-31 were selected to be representative of near source impacted shallow groundwater. Samples from MW-10-32 and MW-06-32 were selected to be representative of mid-plume and downgradient impacted shallow groundwater.

WSP USA
Suite 250
701 Emerson Road
Creve Coeur, MO 63141

Tel: +1 314 206-4212
wsp.com

Samples for MNA assessment were analyzed by Pace Analytical of Green Bay, Wisconsin or Pace Analytical of Baton Rouge, Louisiana, for:

- Nitrate-nitrite as Nitrogen (EPA Method 353.2)
- Total Alkalinity as CaCO3 (EPA Method 310.2)
- Total and Dissolved Iron and Manganese (EPA Method 6010D)
- Dissolved Carbon Dioxide, Methane, Ethane, and Ethene (EPA Method RSK-175)
- Sulfate (EPA Method 300.0)
- QA/QC samples for MNA parameters included one duplicate sample, which was submitted with the monitoring well samples.

VOCS SAMPLING RESULTS

The results were generally consistent with historical sampling results at the majority of monitoring well locations. Table 1 includes the laboratory analytical results for VOCs detected in one or more samples from the October sampling event. Table 2 includes the historical laboratory analytical results for select VOCs from previous sampling events. Enclosure A includes the laboratory reports. Benzene, toluene, ethylbenzene, total xylenes, and trichloroethene (TCE) were detected in one or more samples at concentrations above the WDNR Enforcement Standard (ES), Preventative Action Limit (PAL), or Vapor Risk Screening Level (VRSL).

Benzene was detected at concentrations above the ES of 5 micrograms per liter (µg/l) in the sample collected from monitoring well MW-01-32 (9,500 µg/l), and it was also detected at concentrations above the PAL of 0.5 µg/l in the samples collected from MW-14-31 (5 µg/l), MW-11-32 (1.6 µg/l), and MW-10-32 (1.1 µg/l). Benzene was not detected at concentrations above the ES or PAL from the samples collected from the other monitoring wells.

Ethylbenzene was detected at concentrations above the PAL of 140 µg/l in the sample collected from the monitoring well MW-01-32 (151 µg/l). Toluene was detected at concentrations above the ES of 800 µg/l in the sample collected from monitoring well MW-01-32 (2,160 µg/l). Total xylenes were detected at concentrations above the PAL of 400 µg/l in the sample collected from monitoring well MW-01-32 (414 µg/l).

Trichloroethene was detected at a concentration above the ES of 5.0 µg/l in the sample collected at MW-06-60 (9.4 µg/l) and above the PAL (0.5 µg/l) in the sample collected at MW-06-32 (2.3 µg/l). Trichloroethene is not associated with the diluent release.

No VOCs were detected above the laboratory method detection limits in the equipment blank or trip blank samples. The results for the duplicate samples collected at monitoring wells MW-01-32, MW-14-31, and MW-01-63 were generally consistent with their respective primary samples.

MNA PARAMETER SAMPLING RESULTS

Table 3 includes the laboratory analytical results for MNA parameters, Table 4 includes the historical results for MNA parameters, and Table 5 includes the historical field parameters. Enclosure A includes the laboratory reports. The October 2023 MNA sampling results were generally consistent with historical sampling results and confirm that anaerobic conditions with nitrate reduction, manganese reduction, iron reduction, sulfate reduction, and methanogenesis are occurring within shallow impacted groundwater in the source area and immediately downgradient of the source area.

In accordance with NR 712, Wis. Adm. Code., the certification of a hydrogeologist for this sampling results submittal is included in Enclosure B.

Please do not hesitate to contact me if you have questions.

Kind regards,

Timothy A. Huff
Assistant Vice President

TAH
\\corp.pbwan.net\us\centraldata\usmes100\es-shares\clients\enbridge\fort atkinson, wi - l13 mp312_work plans and reports\2023-11 mw sampling results to wdnr (q4)\2023.11.28_line13 mp312_monitoring well sampling results q4 2023.docx

Encl.

FIGURE

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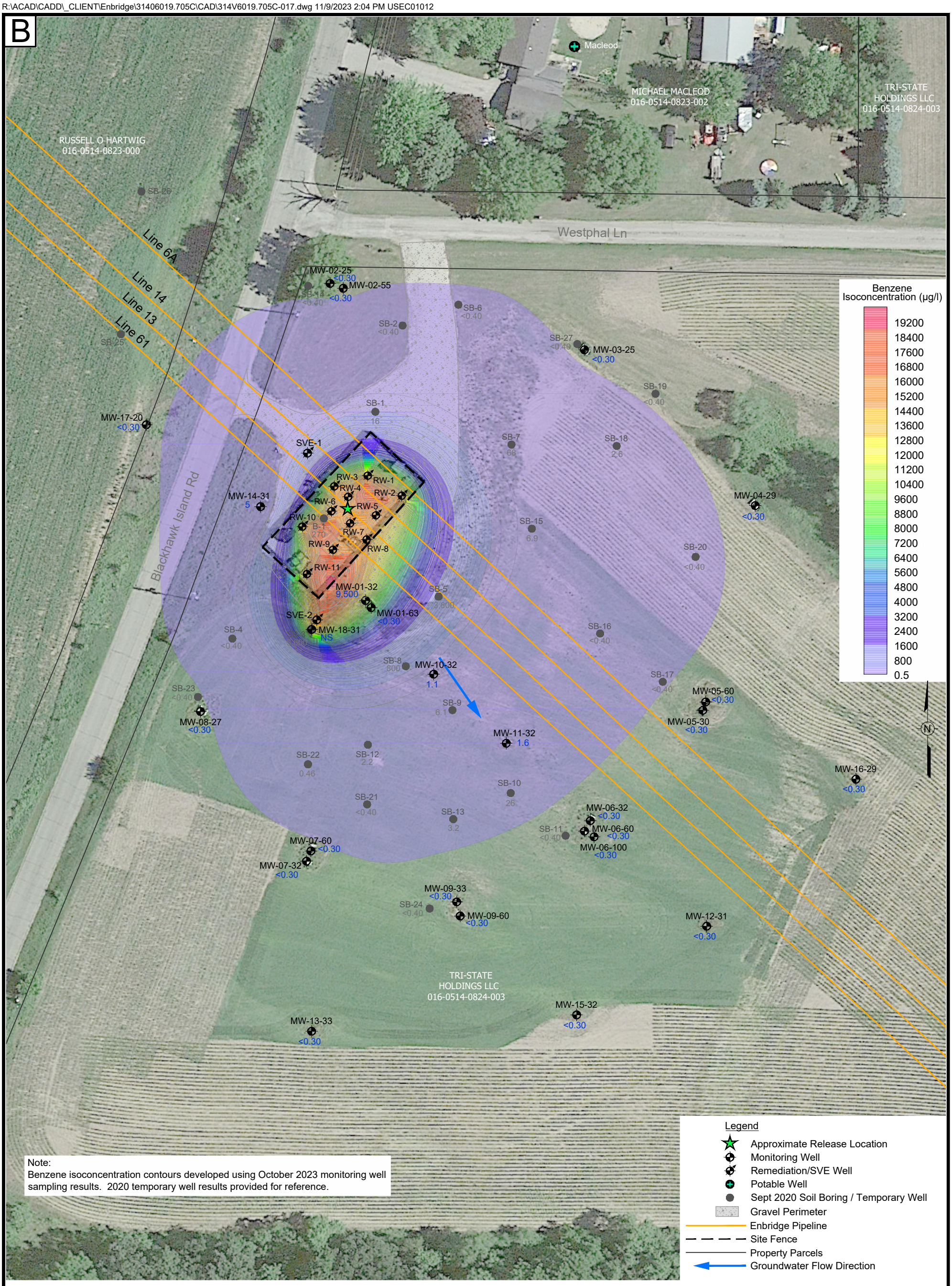
B



Note:
Benzene isoconcentration contours developed using October 2023 monitoring well sampling results. 2020 temporary well results provided for reference.

Legend

- Approximate Release Location
- Monitoring Well
- Remediation/SVE Well
- Potable Well
- Sept 2020 Soil Boring / Temporary Well
- Gravel Perimeter
- Enbridge Pipeline
- Site Fence
- Property Parcels
- Groundwater Flow Direction

THE ORIGINAL VERSION OF THIS DRAWING IS IN COLOR. BLACK AND WHITE COPIES MAY NOT ACCURATELY DEPICT CERTAIN INFORMATION.

0 60 120
SCALE IN FEET

ENBRIDGE

FIGURE 1

GROUNDWATER SAMPLING ANALYTICAL RESULTS FOR BENZENE (OCTOBER 2023)

LINE 13 MP 312 VALVE SITE
FORT ATKINSON, WISCONSIN

PREPARED FOR
ENBRIDGE ENERGY LIMITED PARTNERSHIP

Drawn By: EGC
Checked: TB 11/9/2023
Approved: TAH
DWG Name: 314V6019.705C-017

TABLES

Table 1

Monitoring Well Sampling Analytical Results - October 2023 - VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds									
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	1,2,4-Trimethylbenzene (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	480	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	96	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	551	9.05
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	2,310	38.0
MW-01-32	10/19/23	***9,500***	*151*	***2,160***	*414 J*	792	<183	173 J	<141	<56.1	<40.0
	Duplicate	***10,000***	*178*	***2,350***	*449*	941	<146	208 J	<113	<44.9	<32.0
MW-01-63	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
	Duplicate										
MW-02-25	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-02-55	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-03-25	10/17/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-04-29	10/17/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-05-30	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-05-60	10/20/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-06-32	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	*2.3*
MW-06-60	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	***9.4***
MW-06-100	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-07-32	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-07-60	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-08-27	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-09-33	10/20/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32

Table 1

Monitoring Well Sampling Analytical Results - October 2023 - VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds									
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	1,2,4-Trimethylbenzene (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	480	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	96	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	551	9.05
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	2,310	38.0
MW-09-60	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-10-32	10/17/23	*1.1*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	4.5	<0.45	<0.32
MW-11-32	10/18/23	*1.6*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-12-31	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-13-33	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-14-31	10/18/23	***5***	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
	Duplicate	*4.8*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-15-32	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-16-29	10/17/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-17-20	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
TB20231020	10/20/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
EBA20231019	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
EBA20231020	10/20/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32

Table 1

Monitoring Well Sampling Analytical Results - October 2023 - VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds									
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	1,2,4-Trimethylbenzene (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	480	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	96	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	551	9.05
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	2,310	38.0

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commerial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

a/ Wisconsin Department of Natural Resources (WDNR) Administrative Code Chapter NR 140.10, Table 1 - Public Health Groundwater Standards. March 2023.

b/ WDNR Vapor Risk Screening Level (VRSL) based on U.S. Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISL). February 2022.
In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10^{-5}, Attenuation Factor of 0.001, and a site-specific average groundwater temperature of 12.83°C.

J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantitation.

NE = Not established.

"<" = Not detected above the reported method detection limit.

ug/L = Micrograms per liter.

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Well ID	Sample Date	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-01-32	10/09/20	***23,700***	*222*	***7,650***	*728*	NA	NA	NA	<249	<51.0
	01/15/21	***24,400***	*244*	***10,400***	*775*	NA	NA	NA	<249	<51.0
	04/01/21	***17,600***	*220*	***9,280***	*758*	1,180	*178 J*	259	***89.9 J***	<12.8
	07/08/21	***21,800***	*188*	***8,150***	*586*	933	<73.1	175 J	<56.5	<16.0
	10/26/21	***18,900***	*167 J*	***7,830***	*503*	556 J	<292	<239	<226	<63.9
	01/25/22	***20,700***	*207*	***8,690***	*637*	1,600	*1,480*	424 J	<144	<40.0
	04/20/22	***22,200***	*223*	***9,560***	*743*	1,460	*272 J*	290 J	<226	<63.9
	07/27/22	***15,300***	<40.6	*647*	58.5 J	636	***1,210***	<149	<141	<40.0
	10/25/22	***2,230***	*159*	<36.0	<131	4,120	***778***	1,790	***687***	<40.0
	01/18/23	***15,900***	138	***5,140***	*445*	558 J	<183	<149	<141	<40.0
	04/12/23	***12,600***	*143*	***3,410***	382	869	<183	226	<141	<40.0
	07/11/23	***11,100***	*168*	***3,560***	*468 J*	771	<183	178 J	<141	<40.0
	10/19/23	***9,500***	*151*	***2,160***	*414 J*	792	<183	173 J	<141	<40.0
MW-01-63	09/08/21	0.50 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	0.41 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	1.6 J	<0.32
	01/25/22	*0.80 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	*1.1*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/14/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-02-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-55	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-03-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/17/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-04-29	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/17/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-05-30	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/09/21	0.61 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	09/01/21	*1.3*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	*2.0*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	*1.9*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	*1.2*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	*1.6*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	*1.1*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-60	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	NA	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/20/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-06-32	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	*1.0*
	01/14/21	0.34 J	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	*1.7*
	04/01/21	*3.4*	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	*0.95 J*
	05/26/21	*4.7*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*1.3*
	06/24/21	***6.3***	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*1.3*
	07/09/21	***6.8***	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*1.1*
	08/31/21	***7.5***	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*0.53 J*
	10/27/21	***5.9***	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*1.6*
	01/24/22	*4.7*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*1.9*
	04/19/22	*2.1*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*3.3*
	07/26/22	*0.86 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*2.7*
	10/25/22	*0.52 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*4*
	01/18/23	*0.53 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*4.7*
	04/13/23	*<0.30*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*3.6*
	07/11/23	*<0.30*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*2.5*
	10/18/23	*<0.30*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	*2.3*
MW-06-60	08/31/21	<0.30	<0.33	0.33 J	<1.05	<1.3	<1.5	<1.2	<1.1	***11.3***
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***15.0***
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***12.5***
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***16.9***
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***19.7***
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***17.4***
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***15.6***
	04/13/23	*1.2*	<0.33	0.76 J	<1.05	<1.3	<1.5	<1.2	<1.1	***16.7***
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***16.3***
	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	***9.4***

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-06-100	08/23/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	*0.98 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	*1.2*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	02/24/23	*0.55 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/14/23	*1.6*	<0.33	1.1	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-32	10/09/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/14/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

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Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-07-60	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	*0.80 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/14/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-08-27	10/09/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/14/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-09-33	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	*0.57 J*	<0.33	0.42 J	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/20/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-60	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	*0.68 J*	<0.33	0.47 J	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Well ID	Sample Date	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-10-32	09/08/21	***8.9***	<0.33	<0.29	<1.05	4.6 J	<1.5	<1.2	6.3	<0.32
	10/27/21	***15.3***	<0.33	<0.29	<1.05	22.5	10.6	12.0	11.4	<0.32
	01/25/22	***19.9***	<0.33	<0.29	<1.05	38.1	72.0	16.6	10.2	<0.32
	04/20/22	***43.3***	<0.33	<0.29	<1.05	31.8	21.9	13.2	5.1	<0.32
	07/27/22	***22.1***	0.91 J	<0.29	<1.0	18.8	18.4	11.5	7.1	<0.32
	10/25/22	***156***	0.91 J	<0.29	<1.32	38.5	<1.5	19.9	<1.1	<0.32
	01/18/23	***17.3***	0.68 J	<0.29	<1.05	39.6	9.5	20	3.7 J	<0.32
	04/13/23	***1,310***	0.91 J	<0.29	<1.05	17.1	1.6 J	12.2	11.7	<0.32
	07/11/23	***135***	<0.33	<0.29	<1.05	3.2 J	<1.5	1.9 J	9.8	<0.32
	10/17/23	*1.1*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	4.5	<0.32
MW-11-32	09/08/21	*2.2*	<0.33	<0.29	<1.05	6.8	<1.5	2.0 J	<1.1	<0.32
	10/27/21	*2.0*	<0.33	<0.29	<1.05	3.9 J	<1.5	1.6 J	<1.1	0.47 J
	01/25/22	*1.8*	<0.33	<0.29	<1.05	4.2 J	17.2	2.0 J	<1.1	<0.32
	04/19/22	*2.3*	<0.33	<0.29	<1.05	6.5	<1.5	2.5 J	<1.1	<0.32
	07/26/22	*2.1*	<0.33	<0.29	<1.05	4.8 J	<1.5	1.7 J	<1.1	<0.32
	10/26/22	*1.8*	<0.33	<0.29	<1.05	2.2 J	<1.5	1.3 J	<1.1	<0.32
	01/18/23	*0.51 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	0.47 J	<0.33	<0.29	<1.05	4.8 J	<1.5	<1.2	<1.1	<0.32
	07/12/23	*0.48 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/18/23	*1.6*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-12-31	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-13-33	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	0.40 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	02/24/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	*0.66 J*	<0.33	0.45 J	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-14-31	09/07/21	***273***	0.77 J	3.4	2.09 J	189	2.1 J	30.2	<1.1	<0.32
	10/27/21	***402***	0.78 J	1.3	0.45 J	44.4	2.7 J	10.4	<1.1	<0.32
	01/25/22	***169***	<0.33	0.37 J	0.40 J	69.4	115	25.4	<1.1	<0.32
	04/18/22	***169***	<1.3	1.4 J	<4.2	70.3	8.4J	19.6 J	<4.5	<1.3
	07/26/22	***84.5***	0.34 J	<0.29	0.37 J	54.3	13	23.2	<1.1	<0.32
	10/25/22 (c)	***157***	0.36 J	<0.29	0.50 J	39.2	<1.5	20.7	<1.1	<0.32
	01/19/23	***118***	<0.33	<0.29	0.45 J	8.7	<1.5	7.6	<1.1	<0.32
	04/12/23	***104***	0.49 J	<0.29	1.7 J	5.6	<1.5	5.5	<1.1	<0.32
	07/11/23	***37.5***	<0.33	<0.29	1.08 J	1.9 J	<1.5	2.8 J	<1.1	<0.32
	10/18/23	***5***	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-15-32	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/14/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

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Historical Groundwater Sampling Results for VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Well ID	Sample Date	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-16-29	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/13/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/17/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-17-20	12/14/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/21/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/16/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-18-31	08/23/22	***13,400***	133	***1,410***	211.2 J	445 J	<146	<119	<113	<32.0
	10/25/22	***16,500***	*147*	***6,030***	*461*	785	<146	188 J	<113	<32.0
	01/19/23	***10,300***	*146*	***1,650***	*506*	553	<146	126 J	<113	<32.0
	04/14/23	***11,400***	*270*	***6,070***	*1,986*	953	*170 J*	367 J	<113	<32.0
	07/11/23	***14,600***	*222*	***2,710***	*717*	964	<146	231 J	<113	<32.0
	10/20/2023 (d)	NS	--	--	--	--	--	--	--	--

Table 2

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Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
Residential Vapor Risk Screening Level (b)		27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
Commercial Vapor Risk Screening Level (b)		119	302	149,000	3,220	7,280	69.5	NE	31,800	5

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commerial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

a/ Wisconsin Department of Natural Resources (WDNR) Administrative Code Chapter NR 140.10, Table 1 - Public Health Groundwater Standards. June 2021.

b/ WDNR Vapor Risk Screening Level (VRSL) based on U.S. Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISL). February 2022.
In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10^{-5}, Attenuation Factor of 0.001, and a site-specific average groundwater temperature of 12.83°C. VRSL for TCE is equal to the ES (5 ug/l).

c/ Duplicate sample results listed for this sample event as primary sample did not have any detected compounds and duplicate results were consistent with historical data.

d/ NS = Groundwater sample not collected due to presence of free product

NA = Not accessible.

NE = Not established.

"<" = Not detected above the reported method detection limit.

ug/L = Micrograms per liter.

Table 3

Monitoring Well Sampling Analytical Results - October 2023 - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		MNA Parameters										
Well ID	Sample Date	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Carbon dioxide (µg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Total Alkalinity, as CaCO3 (mg/L)	Nitrate/Nitrite, as Nitrogen (mg/L)	Sulfate (mg/L)
	Enforcement Standard (a)	NE	NE	NE	NE	300	300	50	50	NE	10	250
	Preventive Action Limit (a)	NE	NE	NE	NE	150	150	25	25	NE	2	125
Upgradient Locations												
MW-02-25	10/16/23	195	<0.90	<0.79	64,300	<56.7	<29.6	3.3	3.2	458	0.42	4.7
MW-17-20	10/16/23	<3.8	<0.90	<0.99	426,000	<56.7	<29.6	<1.5	<1.1	439	*3.7*	9.5
Source Area Locations												
MW-01-32	10/19/23	154	<0.90	1.1	135,000	***9,330***	***8,770***	***108***	***103***	556	<0.059	<2.2
	Duplicate	129	<0.90	0.98	137,000	***9,080***	***8,920***	***105***	***104***	534	<0.059	<2.2
MW-14-31	10/18/23	124	1.3	1.2	714,000	***4,470***	***4,180***	***448***	***430***	592	<0.059	24.5
Downgradient Locations												
MW-06-32	10/18/23	6.2	1.70	1.4	632,000	<56.7	<29.6	*34.7*	*29.5*	538	*8.9*	25.6
MW-10-32	10/17/23	27.8	<0.90	<0.79	539,000	***429***	***258***	***797***	***774***	451	0.28	10.7

Table 3

Monitoring Well Sampling Analytical Results - October 2023 - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
Upgradient Locations										
MW-02-25	10/16/23	6	7.88	0.802	5.3	4.01	12.97	154	Clear	None
MW-17-20	10/16/23	7.0	7.77	0.781	0.0	4.93	16.11	154	Clear	None
Source Area Locations										
MW-01-32	10/19/23	6.75	6.34	1.110	3.3	0.40	16.75	-116	Clear	None
	Duplicate	-	-	-	-	-	-	-	-	-
MW-14-31	10/18/23	8	6.41	1.12	10.1	0.47	19.12	-92	Clear	None
Downgradient Locations										
MW-06-32	10/18/23	8	6.41	1.19	4.5	0.85	14.44	181	Clear	None
MW-10-32	10/17/23	7.5	6.59	0.9	0.0	5.25	19.38	-2	Clear	None

General Notes

Shaded = Regulatory exceedance of PAL or ES

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

a/ Wisconsin Department of Natural Resources (WDNR) Administrative Code Chapter NR 140.10, Table 1 - Public Health or Public Welfare Groundwater Standards. March 2023.
J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantitation.
MNA = Monitored Natural Attenuation.
NA = Not analyzed
NE = Not established.
"<" = Not detected above the reported method detection limit.
ug/L = Micrograms per liter.

Table 4

Historical Monitoring Well Sampling Results - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Well ID	Sample Date	MNA Parameters: Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Carbon dioxide (µg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Total Alkalinity, as CaCO3 (mg/L)	Nitrate/Nitrite, as Nitrogen (mg/L)	Sulfate (mg/L)	
	Enforcement Standard (a)	NE	NE	NE	NE	300	300	50	50	NE	10	250	
	Preventive Action Limit (a)	NE	NE	NE	NE	150	150	25	25	NE	2	125	
Upgradient Locations													
MW-02-25	04/19/22	120	0.18 J	<0.24	62,700	<56.7	<29.6	20	23.3	473	0.28	4.2	(b)
	07/25/22	30	0.17 J	0.40 J	58,100	<56.7	<29.6	14.6	1.2 J	488	0.26	4.1	
	10/24/22	57	0.30 J	<0.24	339,000	<56.7	<29.6	1.9 J	1.7 J	492	0.26	3.3	
	01/18/23	76	0.20 J	0.27 J	109,000	<56.7	<29.6	<1.5	<1.1	493	<0.059	3.7	
	04/12/23	<3.8	0.10 J	<0.79	79,800	<56.7	<29.6	<1.5	<1.1	437	0.34	4.3	
	07/10/23	<3.8	<0.90	<0.79	92,400	<56.7	<29.6	<1.5	<1.1	454	0.64	5.1	
	10/16/23	195	<0.90	<0.79	64,300	<56.7	<29.6	3.3	3.2	458	0.42	4.7	
MW-17-20	04/19/22	<2.0	0.37 J	<0.24	37,900	<56.7	<29.6	17.1	13.7	391	0.74	3.1	(b)
	07/27/22	<2.0	0.76 J	0.88 J	43,000	<56.7	<29.6	3.0 J	3.1 J	393	0.70	3.7	
	10/24/22	<2.0	0.49 J	0.34 J	264,000	<56.7	<29.6	2.3 J	2.3 J	399	0.67	3	
	01/18/23	2.7 J	0.46 J	0.56 J	65,000	<56.7	<29.6	<1.5	<1.1	408	0.93	2.8	
	04/12/23	<3.8	0.99 J	<0.89	66,300	<56.7	<29.6	<1.5	<1.1	404	1.8	4.3	
	07/11/23	<3.8	<0.90	<0.79	74,500	<56.7	<29.6	1.6 J	<1.1	408	*3.8*	8.0	
	10/16/23	<3.8	<0.90	<0.99	426,000	<56.7	<29.6	<1.5	<1.1	439	*3.7*	9.5	
Source Area Locations													
MW-01-32	04/20/22	210	1.2	0.29 J	67,300	***6,830***	***6,130***	***122***	***112***	538	<0.059	1.3 J	(b)
	07/27/22	130	1.1	1.0	54,100	***7,100***	***7,090***	***104***	***106***	522	<0.059	<0.44	
	10/25/22	220	1	0.57 J	94,100	***7,550***	***7,500***	***210***	***203***	528	<0.059	0.66 J	
	01/18/23	39	0.69 J	0.73 J	133,000	***7,490***	***7,050***	***304***	***294***	548	<0.059	0.81 J	
	04/12/23	140	1.0 J	0.89 J	175,000	***7,110***	***7,760***	***515***	***572***	551	<0.059	0.84 J	
	07/11/23	88	<0.90	<0.79	172,000	***9,370***	***9,630***	***183***	***178***	539	<0.059	<0.44	
	10/19/23	154	<0.90	1.1	135,000	***9,330***	***8,770***	***108***	***103***	556	<0.059	<2.2	
MW-14-31	04/18/22	120	1.7	<0.24	124,000	***3,080***	***2,760***	***1,280***	***1,230***	560	<0.059	0.79 J	(b)
	07/26/22	160	1.4	0.53 J	123,000	***4,350***	***3,940***	***859***	***848***	569	<0.059	0.91 J	
	10/25/22	210	0.97 J	<0.24	125,000	***4,360***	***4,500***	***828***	***821***	598	<0.059	2.8	
	01/19/23	150	0.93 J	0.60 J	220,000	***4,410***	***4,100***	***690***	***650***	621	<0.059	6.7	
	04/12/23	150	<0.90	<0.79	191,000	***4,210***	***4,430***	***655***	***681***	626	0.084 J	13.0	
	07/11/23	160	<0.90	<0.79	892,000	***4,970***	***5,060***	***521***	***512***	632	<0.059	13.5	
	10/18/23	124	1.3	1.2	714,000	***4,470***	***4,180***	***448***	***430***	592	<0.059	24.5	

Table 4

Historical Monitoring Well Sampling Results - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Well ID	Sample Date	MNA Parameters: Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Carbon dioxide (µg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Total Alkalinity, as CaCO3 (mg/L)	Nitrate/Nitrite, as Nitrogen (mg/L)	Sulfate (mg/L)	
	Enforcement Standard (a)	NE	NE	NE	NE	300	300	50	50	NE	10	250	
	Preventive Action Limit (a)	NE	NE	NE	NE	150	150	25	25	NE	2	125	
Downgradient Locations													
MW-06-32	04/19/22	<2.0	0.20 J	<0.24	120,000	<56.7	<29.6	*44.2*	*38.3*	553	2.0	26.8	(b)
	07/26/22	3.1 J	0.66 J	0.66 J	107,000	<56.7	<29.6	*37.2*	*35.4*	562	1.6	24.4	
	10/25/22	<2.0	0.41 J	0.38 J	91,200	<56.7	<29.6	*28.8*	23.6	560	1.2	21.2	
	01/18/23	4.0 J	0.49 J	0.51 J	180,000	135	<29.6	*30*	22	576	*3.3*	22.8	
	04/13/23	<3.8	<0.9	<0.79	169,000	<56.7	<29.6	16.4	17.0	614	*5.5*	25.1	
	07/11/23	<3.8	<0.90	<0.79	177,000	<56.7	<29.6	*31.3*	*25.7*	560	*7.9*	27.4	
	10/18/23	6.2	1.70	1.4	632,000	<56.7	<29.6	*34.7*	*29.5*	538	*8.9*	25.6	
MW-10-32	04/20/22	40	0.84 J	<0.24	87,500	***1,340***	***1,230***	***595***	***565***	442	<0.059	7.5	(b)
	07/27/22	54	1.7	0.99 J	114,000	***1,680***	***1,530***	***534***	***536***	453	0.12 J	8.7	
	10/25/22	42	1	0.44 J	79,900	***1,820***	***1,700***	***520***	***489***	460	<0.059	7.4	
	01/18/23	32	1.0	0.46 J	122,000	***1,040***	***886***	***441***	***405***	461	0.17 J	9.3	
	04/13/23	49	2.0 J	0.89 J	102,000	***1,360***	***1,340***	***511***	***544***	451	0.063 J	4.6	
	07/11/23	19	<0.90	<0.79	74,200	***1,470***	***1,490***	***694***	***707***	442	0.22 J	8.4	
	10/17/23	27.8	<0.90	<0.79	539,000	***429***	***258***	***797***	***774***	451	0.28	10.7	

Table 4

Historical Monitoring Well Sampling Results - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
Upgradient Locations										
MW-02-25	04/19/22	13.5	7.21	0.858	1.1	5.82	9.92	174	Clear	None
	07/25/22	15	7.23	0.865	1.4	6.09	9.68	181	Clear	None
	10/24/22	6.75	6.98	0.848	0.0	2.11	15.43	156	Clear	None
	01/18/23	12	7.34	0.878	1.2	3.72	11.52	145	Clear	None
	04/12/23	10	6.93	0.807	6.0	4.37	14.18	377	Clear	None
	07/10/23	8	8.00	0.794	0.0	6.34	15.13	198	Clear	None
	10/16/23	6	7.88	0.802	5.3	4.01	12.97	154	Clear	None
MW-17-20	04/19/22	16.125	7.40	0.779	4.2	7.40	10.98	179	Clear	None
	07/27/22	13.5	6.28	0.767	79.7	4.99	17.63	114	Clear	None
	10/24/22	8.5	7.06	0.714	1.4	3.29	17.35	173	Clear	None
	01/18/23	18.0	7.29	0.742	1.6	9.96	10.59	88	Clear	None
	04/12/23	12.0	7.09	0.794	14.0	5.62	15.34	425	Clear	None
	07/11/23	6.0	7.17	0.816	0.0	5.74	15.59	95	Clear	None
	10/16/23	7.0	7.77	0.781	0.0	4.93	16.11	154	Clear	None
Source Area Locations										
MW-01-32	04/20/22	15	7.06	0.901	3.9	1.42	12.19	-110	Clear	Slight Odor
	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
	10/25/22	2.5	6.44	1.01	10.3	0.01	13.06	-107	Clear	None
	01/18/23	3.5	6.87	1.140	54.7	2.06	11.09	-47	Clear	None
	04/12/23	10.5	6.73	1.140	35.4	0.00	15.88	33	Clear	None
	07/11/23	12	6.92	0.996	27.4	5.44	20.75	-57	Clear	None
	10/19/23	6.75	6.34	1.110	3.3	0.40	16.75	-116	Clear	None
MW-14-31	04/18/22	7.5	7.42	1.01	8.4	0.00	8.45	-91	Clear	None
	07/26/22	9	6.80	0.98	0.0	0.00	19.22	-98	Clear	None
	10/25/22	6	6.43	1.08	0.0	0.08	13.40	-113	Clear	None
	01/19/23	8.75	6.32	1.22	46.6	1.52	14.01	-40	Clear	None
	04/12/23	9	6.63	1.190	0.0	1.42	16.94	49	Clear	None
	07/11/23	9	6.56	1.14	0.0	3.30	17.03	-40	Clear	None
	10/18/23	8	6.41	1.12	10.1	0.47	19.12	-92	Clear	None

Table 4

Historical Monitoring Well Sampling Results - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
Downgradient Locations										
MW-06-32	04/19/22	13.75	6.41	1.06	0.0	0.35	14.46	125	Clear	None
	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
	10/25/22	11.25	6.47	1.14	0.0	0.56	12.62	-34	Clear	None
	01/18/23	10	6.62	1.18	55.1	3.02	12.95	251	Clear	None
	04/13/23	6	6.44	1.08	0.0	0.39	16.58	407	Cloudy	None
	07/11/23	12.5	6.92	1.12	1.3	0.81	16.37	94	Clear	None
	10/18/23	8	6.41	1.19	4.5	0.85	14.44	181	Clear	None
MW-10-32	04/20/22	15	6.99	0.909	2.5	0.00	11.25	-66	Clear	None
	07/27/22	12	6.89	0.989	0.0	5.59	15.20	-116	Clear	None
	10/25/22	9.6	6.60	0.936	0.0	0.00	12.75	-106	Clear	None
	01/18/23	8	6.86	1.05	43.2	1.33	11.88	-8	Clear	None
	04/13/23	16	6.69	0.845	0.0	0.00	22.35	49	Clear	None
	07/11/23	9	6.10	0.981	0.0	1.06	18.91	-57	Clear	None
	10/17/23	7.5	6.59	0.9	0.0	5.25	19.38	-2	Clear	None

Table 4

Historical Monitoring Well Sampling Results - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE

General Notes

Shaded = Regulatory exceedance of PAL or ES

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

a/ Wisconsin Department of Natural Resources (WDNR) Administrative Code Chapter NR 140.10, Table 1 - Public Health or Public Welfare Groundwater Standards. March 2023.
b/ Samples were analyzed outside of laboratory hold time for sulfate.
J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantitation.
MNA = Monitored Natural Attenuation.
NE = Not established.
"<" = Not detected above the reported method detection limit.
ug/L = Micrograms per liter.

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-01-32	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	8.25	6.90	0.909	5.2	2.65	12.11	-88	Clear	Mild Odor
	07/08/21	4.2	7.81	0.810	0.0	0.00	16.75	35	Clear	None
	10/26/21	10	7.04	0.655	4.4	0.70	15.33	-59	Clear	Slight Odor
	01/25/22	8	6.59	0.800	0.0	0.00	11.88	-20	Clear	Slight Odor
	04/20/22	15	7.06	0.901	3.9	1.42	12.19	-110	Clear	Slight Odor
	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
	10/25/22	2.5	6.44	1.01	10.3	0.01	13.06	-107	Clear	None
	01/18/23	3.5	6.87	1.140	54.7	2.06	11.09	-47	Clear	None
	04/12/23	10.5	6.73	1.140	35.4	0.00	15.88	33	Clear	None
	07/11/23	12	6.92	0.996	27.4	5.44	20.75	-57	Clear	None
	10/19/23	6.75	6.34	1.110	3.3	0.40	16.75	-116	Clear	None
MW-01-63	09/08/21	15.6	7.27	0.666	10.8	0.00	16.24	-192	Clear	None
	10/27/21	16.5	7.26	0.662	6.0	0.00	15.06	-168	Clear	None
	01/25/22	14	7.16	0.829	0.0	1.88	11.75	-57	Clear	None
	04/19/22	NA	7.51	0.844	8.3	4.39	13.38	-71	Clear	Slight Odor
	07/27/22	9	6.96	1.08	0.0	0.34	15.34	-119	Clear	None
	10/25/22	8	6.90	0.964	4.2	0.83	12.98	-75	Clear	None
	01/19/23	15	6.72	1.18	0.0	8.90	12.89	-83	Clear	None
	04/14/23	18	7.09	0.870	0.0	0.00	17.49	58	Clear	None
	07/11/23	7.5	7.27	0.954	0.0	4.14	15.92	-43	Clear	None
	10/19/23	12.5	7.00	0.905	0.0	1.07	15.04	-131	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-02-25	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	8.85	7.29	0.840	7.3	7.78	4.49	131	Clear	None
	07/08/21	8.4	7.08	0.767	0.0	0.79	13.31	278	Clear	None
	10/25/21	7.75	7.29	0.515	0.0	0.58	15.06	205	Clear	None
	01/24/22	8	7.12	0.756	0.0	0.00	9.64	83	Clear	None
	04/19/22	13.5	7.21	0.858	1.1	5.82	9.92	174	Clear	None
	07/27/22	15	7.23	0.865	1.4	6.09	9.71	183	Clear	None
	10/24/22	6.75	6.98	0.848	0.0	2.11	15.43	156	Clear	None
	01/18/23	12	7.34	0.878	1.2	3.72	11.52	145	Clear	None
	04/12/23	10	6.93	0.807	6.0	4.37	14.18	377	Clear	None
	07/10/23	8	8.00	0.794	0.0	6.34	15.13	198	Clear	None
	10/16/23	6	7.88	0.802	5.3	4.01	12.97	154	Clear	None
MW-02-55	09/08/21	15	7.11	0.934	230	1.35	14.80	-69	Cloudy	None
	10/27/21	24	7.08	1.24	3.1	5.42	13.05	22	Clear	None
	01/24/22	23.5	7.32	1.09	15.5	0.93	10.19	-60	Clear	None
	04/19/22	13	6.73	1.23	4.7	3.17	10.68	3	Clear	None
	07/25/22	21	8.08	1.21	8.4	5.05	14.13	-56	Clear	None
	10/25/22	16.5	6.76	1.14	2.1	4.06	11.09	0	Clear	None
	01/18/23	22	7.42	1.13	60.9	11.04	11.21	-42	Clear	None
	04/12/23	13.5	7.15	0.941	38.1	2.78	16.48	340	Cloudy	None
	07/10/23	33	7.60	0.963	204	8.03	14.29	195	Clear	None
	10/16/23	8.87	6.86	0.954	13.9	5.13	12.92	189	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-03-25	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	5	7.20	0.952	3.1	0.00	8.00	146	Clear	None
	07/08/21	11.2	6.75	0.729	40.7	2.45	17.14	170	Clear	None
	10/25/21	11	7.18	0.561	0.0	3.00	13.81	244	Clear	None
	01/24/22	7	6.94	0.860	0.0	0.00	9.12	122	Clear	None
	04/18/22	9	7.21	0.974	1.3	0.46	7.81	202	Clear	None
	07/25/22	6	6.79	0.913	0.0	2.40	13.22	153	Clear	None
	10/24/22	7.5	6.79	0.937	0.0	1.11	15.59	147	Clear	None
	01/18/23	11	6.96	1.08	5.1	3.17	9.41	61	Clear	None
	04/12/23	10.5	6.83	1.110	2.9	1.86	12.06	398	Clear	None
	07/10/23	9	7.21	0.982	7.1	3.76	14.68	182	Clear	None
	10/17/23	9	6.88	1.040	0.0	4.04	11.45	197	Clear	None
MW-04-29	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	5.25	6.92	0.878	6.1	6.55	8.58	164	Clear	None
	07/08/21	5.85	5.95	0.734	0.0	4.10	15.12	311	Clear	None
	10/26/21	9	7.10	0.604	13.3	4.69	13.05	177	Clear	None
	01/24/22	6	7.12	0.749	0.0	1.95	8.72	134	Clear	None
	04/18/22	10.5	7.38	0.802	5.5	3.02	8.53	201	Clear	None
	07/26/22	23	6.19	0.87	82.4	5.50	12.09	147	Clear	None
	10/24/22	6.25	6.87	0.773	0.6	2.93	17.39	174	Clear	None
	01/18/23	10.5	7.00	0.885	6.4	6.79	9.01	90	Clear	None
	04/12/23	7.5	6.94	0.887	0.0	6.55	11.58	445	Clear	None
	07/10/23	9	7.37	0.749	7.7	5.12	19.40	192	Clear	None
	10/17/23	8	6.95	0.924	0.0	5.70	11.82	172	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-05-30	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	6	6.77	1.13	10.1	3.47	8.26	160	Clear	None
	07/09/21	7.15	6.61	1.12	0.0	0.45	14.51	113	Clear	None
	09/01/21	13.2	6.70	0.932	2.1	0.85	15.11	140	Clear	None
	10/27/21	10	7.01	0.751	0.0	0.69	15.07	170	Clear	None
	01/25/22	7	6.76	0.986	0.0	0.00	8.99	178	Clear	None
	04/19/22	9	6.95	1.11	6.1	0.00	12.95	188	Clear	None
	07/26/22	7.5	7.24	3.02	0.0	1.49	21.08	61	Clear	None
	10/25/22	10.5	6.50	1.18	0.0	0.98	12.12	98	Clear	None
	01/19/23	7.5	5.65	1.44	0.0	2.29	12.49	161	Clear	None
	04/12/23	7.5	6.83	1.09	0.0	5.00	15.16	443	Clear	None
	07/11/23	15	6.16	1.05	2.1	3.83	19.79	175	Clear	None
	10/16/23	9.5	6.58	0.949	0.8	4.23	16.43	216	Clear	None
MW-05-60	09/01/21	27.6	7.52	0.611	14.1	0.00	15.45	-530	Clear	None
	10/27/21	11	7.51	0.718	22.9	5.98	13.84	1	Clear	None
	01/25/22	16.5	7.32	0.858	0.0	0.00	11.14	-112	Clear	None
	04/19/22	17	6.76	0.92	0.4	0.88	12.20	63	Clear	None
	07/26/22	30	7.59	2.380	3.4	0.42	17.74	2	Clear	None
	10/25/22	15	6.80	0.97	0.0	0.64	11.62	-15	Clear	None
	01/19/23	12	6.50	1.22	0.0	10.43	11.59	-69	Clear	None
	04/13/23	21	6.87	0.989	962.0	2.75	13.77	293	Clear	None
	07/12/23	22.5	7.31	1.010	21.6	5.15	13.50	158	Clear	None
	10/20/23	6	7.12	0.835	10.2	7.98	13.09	136	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-06-32	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	4.5	6.74	1.18	0.9	0.85	11.37	163	Clear	None
	05/26/21	6.25	6.73	0.991	6.1	0.00	21.41	127	Clear	None
	06/24/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/21	7.2	6.35	1.05	0.0	0.00	21.51	324	Clear	None
	08/31/21	13.2	6.66	0.824	3.3	0.00	22.41	149	Clear	None
	10/27/21	10	7.10	0.808	0.0	0.00	13.93	169	Clear	None
	01/24/22	11	6.40	0.939	0.0	0.00	11.09	56	Clear	None
	04/19/22	13.75	6.41	1.06	0.0	0.35	14.46	125	Clear	None
	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
	10/25/22	11.25	6.47	1.14	0.0	0.56	12.62	-34	Clear	None
	01/18/23	10	6.62	1.18	55.1	3.02	12.95	251	Clear	None
	04/13/23	6	6.44	1.08	0.0	0.39	16.58	407	Cloudy	None
	07/11/23	12.5	6.92	1.12	1.3	0.81	16.37	94	Clear	None
	10/18/23	8	6.41	1.19	4.5	0.85	14.44	181	Clear	None
MW-06-60	08/31/21	18	7.32	0.626	9.5	0.14	15.47	-522	Clear	None
	10/27/21	22.5	7.35	0.680	31.0	0.00	14.07	-144	Clear	None
	01/24/22	8	7.24	0.930	0.0	0.00	9.77	-69	Clear	None
	04/19/22	12.5	6.66	1.030	5.9	0.00	12.75	-39	Clear	None
	07/26/22	7.5	7.70	2.61	0.0	0.95	17.96	-69	Clear	None
	10/25/22	9	6.65	0.93	4.1	0.00	12.18	-74	Clear	None
	01/19/23	13.5	6.47	1.26	0.0	11.02	10.63	-105	Clear	None
	04/13/23	9	6.88	1.12	0.0	0.00	13.40	1	Clear	None
	07/11/23	12	7.16	1.04	4.0	0.26	15.44	13	Clear	None
	10/19/23	10.6	6.77	1.17	0.0	0.99	13.93	-29	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-06-100	08/23/22	6	7.42	1.01	26.4	0.00	17.63	-554	Clear	None
	10/25/22	3.75	7.20	1.11	0.7	1.09	10.88	-191	Clear	None
	01/18/23	9	7.15	1.38	0.0	9.64	11.93	-309	Clear	Slight Odor
	02/24/23	7.5	7.93	1.11	0.0	0.33	11.85	-303	Clear	None
	04/14/23	9.00	7.17	1.01	0.0	0.00	13.69	-166	Clear	Odor
	07/11/23	9	7.34	1.05	0.0	3.89	16.60	-110	Clear	Odor
	10/19/23	8	7.15	0.995	0.0	7.06	13.62	-78	Clear	None
MW-07-32	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	13	7.44	0.905	17.0	12.90	9.76	189	Clear	None
	07/08/21	6.75	6.90	1.03	42.2	5.58	12.89	163	Clear	None
	10/26/21	11.5	7.15	0.721	9.3	6.29	13.09	159	Clear	None
	01/26/22	12	6.99	1.02	4.1	10.49	6.97	125	Clear	None
	04/19/22	24	7.12	1.05	15.1	8.25	9.94	210	Clear	None
	07/25/22	34	8.03	1.14	8.4	9.29	11.43	90	Clear	None
	10/25/22	12	6.80	0.94	0	7.60	10.50	100	Clear	None
	01/19/23	12	7.16	0.941	7.7	7.93	8.47	90	Clear	None
	04/14/23	12	7.48	0.846	0.0	7.13	10.71	259	Clear	None
	07/12/23	12	6.02	1.06	18.5	8.66	13.02	227	Clear	None
	10/18/23	18.2	6.92	0.806	60.8	6.01	14.34	198	Clear	None
MW-07-60	09/08/21	10.5	7.48	0.428	0.0	0.00	14.49	-329	Clear	None
	10/26/21	10	7.61	0.549	0.0	1.00	13.80	-51	Clear	None
	01/26/22	13.5	7.33	0.763	0.0	0.00	7.70	-49	Clear	None
	04/19/22	10.5	7.74	0.717	2.5	0.00	10.18	-105	Clear	None
	07/25/22	15	8.24	0.892	10.3	1.27	13.77	-63	Clear	None
	10/25/22	15	7.03	0.79	3.8	5.11	1.03	-70	Clear	None
	01/19/23	10	7.30	0.845	4.5	3.82	9.92	19	Clear	None
	04/14/23	9	7.57	0.812	0.0	3.41	11.78	101	Clear	None
	07/12/23	18	7.76	0.892	1.1	4.56	11.93	49	Clear	None
	10/19/23	5.4	6.96	0.817	0.0	3.25	11.73	-6	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-08-27	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	17	7.48	1.12	7.8	3.66	9.30	167	Clear	None
	07/08/21	6	6.82	1.10	0.0	1.10	12.19	263	Clear	None
	10/26/21	10	7.14	0.765	3.5	8.63	14.10	196	Clear	None
	01/25/22	8	6.84	0.985	0.0	1.69	10.03	54	Clear	None
	04/18/22	13.5	7.40	1.14	7.0	4.22	8.12	198	Clear	None
	07/26/22	15	5.73	0.00	501	0.95	16.28	145	Clear	None
	10/26/22	6	6.94	1.110	1	8.23	10.00	158	Clear	None
	01/19/23	7.0	6.60	1.28	45.5	2.81	9.70	112	Clear	None
	04/14/23	24.5	7.02	0.921	0.0	5.29	13.86	309	Clear	None
	07/11/23	6	6.37	0.989	0.0	3.08	19.68	172	Clear	None
	10/16/23	8	7.48	1.000	0.0	4.10	12.31	188	Clear	None
MW-09-33	09/02/21	12	7.35	1.01	0.0	2.88	15.44	50	Clear	None
	10/27/21	10.5	7.14	0.746	0.2	0.00	12.61	236	Clear	None
	01/26/22	10	7.19	0.971	0.0	2.67	10.42	126	Clear	None
	04/19/22	10.5	7.39	0.938	0.0	4.53	10.84	87	Clear	None
	07/25/22	15	4.55	1.07	0.0	0.20	13.10	214	Clear	None
	10/25/22	11.5	6.50	1.11	0.0	3.91	11.49	182	Clear	None
	01/19/23	8	7.10	1.01	11.9	6.63	10.10	99	Clear	None
	04/13/23	21	6.76	1.07	0.0	6.11	11.14	238	Clear	None
	07/12/23	--	6.69	1.01	397.0	14.44	11.96	206	Clear	None
	10/20/23	8.00	6.88	0.969	8.6	6.95	11.45	144	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-09-60	09/02/21	18	7.53	0.729	0.0	0.60	15.02	-232	Clear	None
	10/27/21	13.5	7.28	0.611	1.6	0.00	13.09	-39	Clear	None
	01/26/22	19.5	7.09	0.860	0.0	0.57	6.50	24	Clear	None
	04/19/22	13.5	7.63	0.790	3.0	3.03	10.88	27	Clear	None
	07/25/22	19.5	6.30	0.899	20.1	4.00	16.78	132	Clear	None
	10/25/22	22	6.73	0.900	7.1	3.19	11.11	-49	Clear	None
	01/18/23	9	7.11	0.970	8.9	9.20	9.01	92	Clear	None
	04/13/23	16.5	6.25	0.930	18.1	5.09	11.49	239	Clear	None
	07/12/23	16.5	7.26	0.957	18.1	4.96	12.17	168	Clear	None
	10/19/23	11	6.90	0.887	0.0	5.27	12.19	120	Clear	None
MW-10-32	09/08/21	10.5	6.93	0.737	0.0	0.00	15.97	-73	Clear	None
	10/27/21	18	6.80	0.918	0.0	1.26	15.43	-43	Clear	None
	01/25/22	7	6.66	0.813	0.0	0.00	10.72	0	Clear	None
	04/20/22	15	6.99	0.909	2.5	0.00	11.25	-66	Clear	None
	07/27/22	12	6.98	0.989	0.0	5.54	15.20	-116	Clear	None
	10/25/22	9.6	6.60	0.936	0.0	0.00	12.75	-106	Clear	None
	01/18/23	8	6.86	1.05	43.2	1.33	11.88	-8	Clear	None
	04/13/23	16	6.69	0.845	0.0	0.00	22.35	49	Clear	None
	07/11/23	9	6.10	0.981	0.0	1.06	18.91	-57	Clear	None
	10/17/23	7.5	6.59	0.9	0.0	5.25	19.38	-2	Clear	None
MW-11-32	09/08/21	12	7.09	0.735	0.0	0.00	15.87	-141	Clear	None
	10/27/21	13.5	6.89	1.05	0.0	0.22	14.99	-92	Clear	None
	01/25/22	10	6.69	0.966	0.0	0.00	11.05	-53	Clear	None
	04/19/22	15	7.07	1.01	17.9	1.08	15.28	-116	Clear	None
	07/26/22	16.5	6.41	1.04	148	0.00	18.48	-113	Clear	None
	10/26/22	10.5	6.00	1.21	0	0.00	10.60	-116	Clear	None
	01/18/23	10	6.73	1.15	63	2.21	12.32	-45	Clear	None
	04/13/23	11	6.56	0.955	0.0	0.00	17.86	80	Clear	None
	07/12/23	15	6.95	1.07	0.0	2.33	14.66	-42	Clear	None
	10/18/23	13	6.38	1.12	67.8	0.48	18.98	-78	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-12-31	09/01/21	10.8	7.17	0.890	2.5	0.80	16.52	107	Clear	None
	10/25/21	15	6.95	1.09	0.0	3.14	14.30	170	Clear	None
	01/25/22	8	7.23	1.03	0.0	0.00	9.12	136	Clear	None
	04/18/22	10.5	7.42	1.18	3.1	0.33	10.11	198	Clear	None
	07/26/22	5.5	6.66	1.1	129	7.68	18.87	155	Clear	None
	10/24/22	11.5	6.96	1.03	0	5.80	15.06	167	Clear	None
	01/19/23	8	6.57	1.29	44.4	3.82	11.95	133	Clear	None
	04/13/23	9	6.81	1.12	0.0	2.76	17.47	145	Clear	None
	07/10/23	31.5	7.21	0.998	6.2	4.00	21.51	165	Clear	None
	10/18/23	16.05	6.78	1.050	15.6	5.09	16.14	191	Clear	None
MW-13-33	09/08/21	19.2	6.17	0.892	0.0	1.11	12.89	-206	Clear	None
	10/27/21	16.5	7.35	0.660	5.1	0.00	13.44	30	Clear	None
	01/25/22	7	7.05	0.829	0.0	2.88	8.51	68	Clear	None
	04/18/22	16.5	7.60	0.795	12.3	5.53	9.35	154	Clear	None
	07/26/22	6	6.07	1.00	0.0	6.03	11.25	181	Clear	None
	10/24/22	11.5	6.87	0.77	1.5	7.85	14.24	177	Clear	None
	01/18/23	11	7.26	0.961	3.1	7.30	10.57	189	Clear	None
	02/24/23	16.5	7.34	0.901	4.0	9.74	10.22	174	Clear	None
	04/13/23	22.5	6.89	0.88	3.6	7.31	11.04	255	Clear	None
	07/12/23	20	6.70	0.99	9.2	10.23	13.50	196	Clear	None
	10/18/23	24	6.86	0.837	10.0	6.67	13.18	190	Clear	None
MW-14-31	09/07/21	12	7.02	0.688	0.0	0.00	17.88	-193	Clear	None
	10/27/21	10	7.18	0.635	0.0	0.00	16.59	-45	Clear	None
	01/25/22	8	6.47	0.884	0.0	0.00	10.13	-6	Clear	None
	04/18/22	7.5	7.42	1.01	8.4	0.00	8.45	-91	Clear	None
	07/26/22	10.5	6.80	0.98	0.0	0.00	19.22	-98	Clear	None
	10/25/22 (c)	6	6.43	1.08	0.0	0.08	13.40	-113	Clear	None
	01/19/23	8.75	6.32	1.22	46.6	1.52	14.01	-40	Clear	None
	04/12/23	9	6.63	1.19	0.0	1.42	16.94	49	Clear	None
	07/11/23	9	6.56	1.14	0.0	3.30	17.03	-40	Clear	None
	10/18/23	8	6.41	1.12	10.1	0.47	19.12	-92	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-15-32	09/02/21	16.8	7.36	0.890	0.0	1.19	15.78	28	Clear	None
	10/25/21	13.5	7.21	0.623	5.3	0.00	12.35	149	Clear	None
	01/25/22	13.5	7.24	0.833	0.0	0.56	7.30	134	Clear	None
	04/19/22	9	7.44	0.883	0.0	3.09	11.30	90	Clear	None
	07/26/22	9	6.97	1.01	5.2	5.10	14.54	88	Clear	None
	10/24/22	11.5	6.87	0.879	0.8	5.34	12.75	163	Clear	None
	01/18/23	9	7.00	1.05	2.9	10.16	9.95	178	Clear	None
	04/14/23	13.5	7.34	0.988	0.0	9.13	10.32	320	Clear	None
	07/10/23	27	7.17	0.907	13.4	8.28	19.12	188	Clear	None
	10/18/23	20.8	7.16	0.928	15.0	7.27	14.57	188	Clear	None
MW-16-29	09/01/21	10.8	7.20	0.776	0.0	0.80	13.24	40	Clear	None
	10/25/21	10.5	7.13	0.631	0.3	0.00	13.56	187	Clear	None
	01/25/22	9	7.20	0.861	0.0	1.90	10.65	123	Clear	None
	04/18/22	10.5	7.42	1.00	1.9	4.57	9.43	199	Clear	None
	07/26/22	4.5	6.53	1.08	0.0	5.99	16.26	156	Clear	None
	10/24/22	7	6.87	0.90	0.0	4.87	17.26	189	Clear	None
	01/19/23	6	6.61	1.28	46.3	4.61	10.80	153	Clear	None
	04/13/23	6	6.80	0.99	0.0	5.47	14.21	411	Clear	None
	07/11/23	10.5	6.30	1.030	1.5	4.89	20.24	175	Clear	None
	10/17/23	7	7.12	1.020	0.0	6.24	14.74	132	Clear	None
MW-17-20	12/14/21	7.0	6.76	0.750	34.4	1.51	13.56	111	Clear	None
	01/25/22	6.75	7.00	0.664	0.0	1.39	9.76	19	Clear	None
	04/21/22	16.125	7.40	0.779	4.2	7.40	10.98	179	Clear	None
	07/27/22	13.5	6.28	0.767	79.7	4.99	17.63	114	Clear	None
	10/24/22	8.5	7.06	0.714	1.4	3.29	17.35	173	Clear	None
	01/18/23	18.0	7.29	0.742	1.6	9.96	10.59	88	Clear	None
	04/12/23	12.0	7.09	0.794	14.0	5.62	15.34	425	Clear	None
	07/11/23	6.0	7.17	0.816	0.0	5.74	15.59	95	Clear	None
	10/16/23	7.0	7.77	0.781	0.0	4.93	16.11	154	Clear	None

Table 5

Historical Monitoring Well Sampling Results for Field Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-18-31	08/23/22	15.0	7.21	0.911	2.9	4.75	14.28	-294	Clear	None
	10/25/22	9	6.73	0.968	0.0	2.51	11.76	-128	Clear	None
	01/19/23	10.0	6.56	1.070	44.2	1.80	11.33	-87	Clear	None
	04/14/23	6.00	6.71	0.645	0.0	0.00	12.80	36	Clear	Odor
	07/11/23	15	6.13	0.933	0.0	0.31	26.14	-106	Clear	Odor
	10/20/23	--	--	--	--	--	--	--	--	--

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or comme

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

a/ Wisconsin Department of Natural Resources (WDNR) Administrative Code Chapter NR 140.10, Table 1 - Public Health Groundwater Standards. June 2021.

b/ WDNR Vapor Risk Screening Level (VRSL) based on U.S. Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISL). February 2022.
In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10^{-5},
Attenuation Factor of 0.001, and a site-specific average groundwater temperature of 12.83°C. VRSL for TCE is equal to the ES (5 ug/l).

c/ Duplicate sample results listed for this sample event as primary sample did not have any detected compounds and duplicate results were consistent with historical data.

NA = Not accessible.

NE = Not established.

"<" = Not detected above the reported method detection limit.

L = liter; mS/cm = milliSiemens per centimeter; NTU = Nephelometric Turbidity Units' mg/L = milligrams per liter, mV = millivolts

ENCLOSURE A – LABORATORY ANALYTICAL RESULTS

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

November 07, 2023

Timothy Huff
WSP USA
211 North Broadway
Saint Louis, MO 63102

RE: Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on October 21, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Baton Rouge
- Pace Analytical Services - Green Bay

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Timothy Babb, WSP

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

CERTIFICATIONS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

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

Pace Analytical Services Baton Rouge
7979 Innovation Park Drive Ste A, Baton Rouge, LA 70820-7402
Louisiana Dept of Enviromental Quality (NELAC/LELAP): 01979
Florida Dept of Health (NELAC/FELAP): E87854
DoD ELAP (A2LA) #: 6429.01
Alabama DEM #: 41900
Alaska DEC-DW #: LA00024
Alaska DEC CS-LAP #: 21-001
Arkansas DEQ #: 88-0655
California ELAP #: 3063
Georgia DPD #: C050
Hawaii DOH State Laboratories Division
Illinois EPA #: 200048
Kansas DoHE #: E-10354
Kentucky DEP UST Branch #: 123054
Louisiana DOH #: LA036
Minnesota DOH #: 2233799
Mississippi State Dept of Health
Montana Department of Environmental Quality
Nebraska DHHS #: NE-OS-35.21
Nevada DCNR DEP #: LA00024
New York DOH #: 12149
North Carolina DEQ - WW & GW #: 618
North Dakota DEQ #: R195
Ohio EPA #: 87782
Oklahoma Dept of Environmental Quality #: 9403
Oregon ELAP #: 4168
Pennsylvania Dept of Environmental Protection #: 68-05973
South Carolina DHEC #: 73006001
Texas CEQ #: T104704178-23-15
Utah DOH #: LA00024
Virginia DCLS #: 6460215
Washington Dept of Ecology #: C929
Wisconsin DNR #: 399139510

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

SAMPLE SUMMARY

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40269964001	**MW-17-20**	Water	10/16/23 14:42	10/21/23 08:40
40269964002	**MW-08-27**	Water	10/16/23 16:35	10/21/23 08:40
40269964003	**MW-05-30**	Water	10/16/23 16:36	10/21/23 08:40
40269964004	**MW-02-55**	Water	10/16/23 14:43	10/21/23 08:40
40269964005	**MW-02-25**	Water	10/16/23 13:15	10/21/23 08:40
40269964006	**MW-03-25**	Water	10/17/23 09:35	10/21/23 08:40
40269964007	**MW-04-29**	Water	10/17/23 10:35	10/21/23 08:40
40269964008	**MW-16-29**	Water	10/17/23 12:00	10/21/23 08:40
40269964009	**MW-10-32**	Water	10/17/23 16:40	10/21/23 08:40
40269964010	**MW-07-32**	Water	10/18/23 16:15	10/21/23 08:40
40269964011	**MW-15-32**	Water	10/18/23 10:37	10/21/23 08:40
40269964012	**MW-12-31**	Water	10/18/23 12:19	10/21/23 08:40
40269964013	**MW-14-31**	Water	10/18/23 14:10	10/21/23 08:40
40269964014	**MW-141-31**	Water	10/18/23 12:00	10/21/23 08:40
40269964015	**MW-11-32**	Water	10/18/23 11:30	10/21/23 08:40
40269964016	**MW-06-32**	Water	10/18/23 09:35	10/21/23 08:40
40269964017	**MW-13-33**	Water	10/18/23 14:25	10/21/23 08:40
40269964018	**MW-07-60**	Water	10/19/23 09:25	10/21/23 08:40
40269964019	**MW-06-60**	Water	10/19/23 12:12	10/21/23 08:40
40269964020	**MW-06-100**	Water	10/19/23 10:35	10/21/23 08:40
40269964021	**MW-01-32**	Water	10/19/23 14:30	10/21/23 08:40
40269964022	**MW-101-32**	Water	10/19/23 12:00	10/21/23 08:40
40269964023	**MW-09-60**	Water	10/19/23 17:05	10/21/23 08:40
40269964024	**MW-01-63**	Water	10/19/23 14:30	10/21/23 08:40
40269964025	**MW-101-63**	Water	10/19/23 12:00	10/21/23 08:40
40269964026	**MW-05-60**	Water	10/20/23 10:15	10/21/23 08:40
40269964027	**MW-09-33**	Water	10/20/23 08:55	10/21/23 08:40
40269964028	**TB20231020**	Water	10/20/23 00:00	10/21/23 08:40
40269964029	**EBA20231019**	Water	10/19/23 08:00	10/21/23 08:40
40269964030	**EBA20231020**	Water	10/20/23 08:00	10/21/23 08:40

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269964001	**MW-17-20**	RSK175	BDP	4	PASI-BR
		RSK175	LB	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964002	**MW-08-27**	EPA 8260	EIB	68	PASI-G
40269964003	**MW-05-30**	EPA 8260	EIB	68	PASI-G
40269964004	**MW-02-55**	EPA 8260	EIB	68	PASI-G
40269964005	**MW-02-25**	RSK175	BDP	4	PASI-BR
		RSK175	LB	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964006	**MW-03-25**	EPA 8260	EIB	68	PASI-G
40269964007	**MW-04-29**	EPA 8260	EIB	68	PASI-G
40269964008	**MW-16-29**	EPA 8260	EIB	68	PASI-G
40269964009	**MW-10-32**	RSK175	BDP	4	PASI-BR
		RSK175	LB	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964010	**MW-07-32**	EPA 8260	EIB	68	PASI-G
40269964011	**MW-15-32**	EPA 8260	EIB	68	PASI-G
40269964012	**MW-12-31**	EPA 8260	EIB	68	PASI-G
40269964013	**MW-14-31**	RSK175	LB	4	PASI-BR
		RSK175	BDP	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964014	**MW-141-31**	EPA 8260	EIB	68	PASI-G
40269964015	**MW-11-32**	EPA 8260	EIB	68	PASI-G
40269964016	**MW-06-32**	RSK175	LB	4	PASI-BR
		RSK175	BDP	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964017	**MW-13-33**	EPA 8260	EIB	68	PASI-G
40269964018	**MW-07-60**	EPA 8260	EIB	68	PASI-G
40269964019	**MW-06-60**	EPA 8260	EIB	68	PASI-G
40269964020	**MW-06-100**	EPA 8260	EIB	68	PASI-G
40269964021	**MW-01-32**	RSK175	BDP	4	PASI-BR
		RSK175	BDP	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964022	**MW-101-32**	RSK175	BDP	4	PASI-BR
		RSK175	BDP	1	PASI-BR
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	MT	1	PASI-G
		EPA 353.2	MT	1	PASI-G
40269964023	**MW-09-60**	EPA 8260	EIB	68	PASI-G
40269964024	**MW-01-63**	EPA 8260	EIB	68	PASI-G
40269964025	**MW-101-63**	EPA 8260	EIB	68	PASI-G

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40269964026	**MW-05-60**	EPA 8260	EIB	68	PASI-G
40269964027	**MW-09-33**	EPA 8260	EIB	68	PASI-G
40269964028	**TB20231020**	EPA 8260	EIB	68	PASI-G
40269964029	**EBA20231019**	EPA 8260	EIB	68	PASI-G
40269964030	**EBA20231020**	EPA 8260	EIB	68	PASI-G

PASI-BR = Pace Analytical Services - Baton Rouge
PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-17-20 **Lab ID: 40269964001** Collected: 10/16/23 14:42 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**<0.90**	ug/L	5.0	0.90	1		10/27/23 12:41	74-84-0	
Ethene	**0.99J**	ug/L	5.0	0.79	1		10/27/23 12:41	74-85-1	
Methane	**<3.8**	ug/L	10.0	3.8	1		10/27/23 12:41	74-82-8	
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	76	%.	70-130		1		10/27/23 12:41		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**426000**	ug/L	1200	585	1		10/26/23 12:11	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:18	7439-89-6	
Manganese	**<1.5**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:18	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		10/26/23 17:36	7439-89-6	
Manganese, Dissolved	**<1.1**	ug/L	5.0	1.1	1		10/26/23 17:36	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:57	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 13:57	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 13:57	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:57	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 13:57	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 13:57	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 13:57	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 13:57	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 13:57	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 13:57	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 13:57	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 13:57	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 13:57	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 13:57	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 13:57	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:57	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 13:57	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:57	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 13:57	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:57	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 13:57	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 13:57	106-43-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-17-20 **Lab ID: 40269964001** Collected: 10/16/23 14:42 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:57	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:57	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:57	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:57	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 13:57	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 13:57	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 13:57	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 13:57	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 13:57	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 13:57	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 13:57	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 13:57	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 13:57	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 13:57	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 13:57	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 13:57	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 13:57	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 13:57	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 13:57	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 13:57	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 13:57	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 13:57	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 13:57	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:57	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 13:57	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 13:57	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 13:57	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:57	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 13:57	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 13:57	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 13:57	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 13:57	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 13:57	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 13:57	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 13:57	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 13:57	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 13:57	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 13:57	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:57	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 13:57	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 13:57	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 13:57	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/26/23 13:57	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		10/26/23 13:57	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-17-20 **Lab ID: 40269964001** Collected: 10/16/23 14:42 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 13:57	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**9.5**	mg/L	2.0	0.44	1		11/04/23 18:37	14808-79-8	M0
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**439**	mg/L	50.0	14.9	2		10/25/23 13:52		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**3.7**	mg/L	0.25	0.059	1		10/26/23 15:27		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-08-27 **Lab ID: 40269964002** Collected: 10/16/23 16:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:37	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:37	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 13:37	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 13:37	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:37	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 13:37	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 13:37	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 13:37	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 13:37	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 13:37	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 13:37	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 13:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 13:37	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 13:37	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 13:37	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 13:37	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:37	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 13:37	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:37	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 13:37	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:37	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 13:37	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 13:37	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 13:37	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:37	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:37	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 13:37	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 13:37	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 13:37	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 13:37	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 13:37	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 13:37	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 13:37	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 13:37	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 13:37	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 13:37	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 13:37	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 13:37	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 13:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 13:37	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 13:37	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 13:37	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 13:37	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 13:37	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-08-27 **Lab ID: 40269964002** Collected: 10/16/23 16:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 13:37	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 13:37	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 13:37	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 13:37	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 13:37	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:37	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 13:37	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 13:37	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 13:37	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 13:37	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 13:37	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 13:37	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 13:37	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 13:37	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 13:37	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 13:37	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 13:37	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 13:37	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 13:37	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 13:37	10061-02-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		10/26/23 13:37	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		10/26/23 13:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/26/23 13:37	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-05-30 **Lab ID: 40269964003** Collected: 10/16/23 16:36 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:18	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 14:18	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 14:18	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:18	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 14:18	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 14:18	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:18	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 14:18	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 14:18	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 14:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 14:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 14:18	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 14:18	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 14:18	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 14:18	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:18	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:18	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:18	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 14:18	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:18	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 14:18	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 14:18	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:18	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:18	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:18	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 14:18	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 14:18	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 14:18	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 14:18	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 14:18	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 14:18	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 14:18	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 14:18	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 14:18	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 14:18	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 14:18	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 14:18	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 14:18	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 14:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:18	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 14:18	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 14:18	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 14:18	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-05-30 **Lab ID: 40269964003** Collected: 10/16/23 16:36 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 14:18	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:18	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 14:18	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 14:18	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 14:18	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:18	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 14:18	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 14:18	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 14:18	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 14:18	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 14:18	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 14:18	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 14:18	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:18	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:18	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:18	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:18	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 14:18	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 14:18	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 14:18	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/26/23 14:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		10/26/23 14:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/26/23 14:18	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-02-55 **Lab ID: 40269964004** Collected: 10/16/23 14:43 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:39	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 14:39	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 14:39	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:39	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 14:39	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 14:39	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:39	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 14:39	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 14:39	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 14:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 14:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 14:39	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 14:39	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 14:39	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 14:39	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:39	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:39	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:39	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 14:39	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:39	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 14:39	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 14:39	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:39	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:39	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:39	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:39	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 14:39	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 14:39	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 14:39	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 14:39	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 14:39	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 14:39	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 14:39	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 14:39	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 14:39	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 14:39	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 14:39	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 14:39	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 14:39	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 14:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:39	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 14:39	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 14:39	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 14:39	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-02-55 **Lab ID: 40269964004** Collected: 10/16/23 14:43 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 14:39	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:39	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 14:39	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 14:39	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 14:39	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:39	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 14:39	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 14:39	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 14:39	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 14:39	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 14:39	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 14:39	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 14:39	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:39	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:39	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:39	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:39	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 14:39	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 14:39	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 14:39	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		10/26/23 14:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		10/26/23 14:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/26/23 14:39	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-02-25 **Lab ID: 40269964005** Collected: 10/16/23 13:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**<0.90**	ug/L	5.0	0.90	1		10/27/23 12:26	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		10/27/23 12:26	74-85-1	
Methane	**195**	ug/L	10.0	3.8	1		10/27/23 12:26	74-82-8	
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	93	%.	70-130		1		10/27/23 12:26		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**64300**	ug/L	1200	585	1		10/26/23 11:25	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:24	7439-89-6	
Manganese	**3.3J**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:24	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		10/26/23 17:38	7439-89-6	
Manganese, Dissolved	**3.2J**	ug/L	5.0	1.1	1		10/26/23 17:38	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:59	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 14:59	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 14:59	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:59	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 14:59	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 14:59	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:59	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 14:59	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 14:59	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 14:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 14:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 14:59	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 14:59	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 14:59	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 14:59	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:59	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:59	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:59	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 14:59	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:59	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 14:59	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 14:59	106-43-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-02-25 **Lab ID: 40269964005** Collected: 10/16/23 13:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 14:59	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:59	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:59	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:59	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 14:59	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 14:59	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 14:59	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 14:59	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 14:59	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 14:59	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 14:59	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 14:59	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 14:59	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 14:59	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 14:59	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 14:59	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 14:59	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 14:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:59	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 14:59	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 14:59	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 14:59	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 14:59	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 14:59	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 14:59	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 14:59	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 14:59	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:59	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 14:59	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 14:59	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 14:59	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 14:59	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 14:59	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 14:59	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 14:59	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:59	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 14:59	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 14:59	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 14:59	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 14:59	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 14:59	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 14:59	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		10/26/23 14:59	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		10/26/23 14:59	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-02-25 **Lab ID: 40269964005** Collected: 10/16/23 13:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/26/23 14:59	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**4.7**	mg/L	2.0	0.44	1		11/06/23 11:15	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**458**	mg/L	25.0	7.4	1		10/25/23 13:58		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.42**	mg/L	0.25	0.059	1		10/26/23 15:28		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-03-25 **Lab ID: 40269964006** Collected: 10/17/23 09:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:20	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:20	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 15:20	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 15:20	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:20	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 15:20	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 15:20	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 15:20	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 15:20	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 15:20	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 15:20	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 15:20	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 15:20	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 15:20	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 15:20	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 15:20	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:20	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 15:20	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:20	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 15:20	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:20	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 15:20	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 15:20	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:20	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:20	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:20	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:20	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 15:20	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 15:20	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 15:20	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 15:20	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 15:20	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 15:20	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 15:20	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 15:20	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 15:20	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 15:20	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 15:20	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 15:20	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 15:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 15:20	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 15:20	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 15:20	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 15:20	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 15:20	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-03-25 **Lab ID: 40269964006** Collected: 10/17/23 09:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 15:20	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:20	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 15:20	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 15:20	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 15:20	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:20	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 15:20	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 15:20	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 15:20	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 15:20	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 15:20	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 15:20	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 15:20	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 15:20	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 15:20	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 15:20	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:20	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 15:20	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 15:20	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 15:20	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		10/26/23 15:20	2037-26-5	HS
4-Bromofluorobenzene (S)	102	%	70-130		1		10/26/23 15:20	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 15:20	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-04-29 **Lab ID: 40269964007** Collected: 10/17/23 10:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:41	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:41	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 15:41	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 15:41	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:41	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 15:41	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 15:41	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 15:41	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 15:41	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 15:41	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 15:41	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 15:41	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 15:41	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 15:41	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 15:41	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 15:41	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:41	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 15:41	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:41	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 15:41	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:41	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 15:41	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 15:41	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 15:41	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:41	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:41	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:41	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 15:41	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 15:41	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 15:41	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 15:41	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 15:41	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 15:41	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 15:41	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 15:41	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 15:41	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 15:41	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 15:41	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 15:41	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 15:41	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 15:41	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 15:41	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 15:41	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 15:41	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 15:41	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-04-29 **Lab ID: 40269964007** Collected: 10/17/23 10:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 15:41	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 15:41	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 15:41	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 15:41	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 15:41	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:41	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 15:41	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 15:41	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 15:41	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 15:41	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 15:41	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 15:41	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 15:41	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 15:41	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 15:41	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 15:41	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 15:41	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 15:41	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 15:41	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 15:41	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		10/26/23 15:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		10/26/23 15:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		10/26/23 15:41	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-16-29 **Lab ID: 40269964008** Collected: 10/17/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 18:43	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 18:43	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 18:43	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 18:43	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 18:43	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 18:43	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 18:43	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 18:43	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 18:43	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 18:43	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 18:43	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 18:43	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 18:43	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 18:43	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 18:43	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 18:43	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 18:43	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 18:43	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 18:43	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 18:43	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 18:43	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 18:43	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 18:43	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 18:43	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 18:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 18:43	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 18:43	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 18:43	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 18:43	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 18:43	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 18:43	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 18:43	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 18:43	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 18:43	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 18:43	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 18:43	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 18:43	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 18:43	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 18:43	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 18:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 18:43	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 18:43	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 18:43	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 18:43	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 18:43	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-16-29 **Lab ID: 40269964008** Collected: 10/17/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 18:43	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 18:43	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 18:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 18:43	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 18:43	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 18:43	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 18:43	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 18:43	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 18:43	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 18:43	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 18:43	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 18:43	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 18:43	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 18:43	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 18:43	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 18:43	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 18:43	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 18:43	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 18:43	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 18:43	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		10/26/23 18:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		10/26/23 18:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		10/26/23 18:43	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-10-32 **Lab ID: 40269964009** Collected: 10/17/23 16:40 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**<0.90**	ug/L	5.0	0.90	1		10/30/23 20:18	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		10/30/23 20:18	74-85-1	
Methane	**27.8**	ug/L	10.0	3.8	1		10/30/23 20:18	74-82-8	
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	97	%.	70-130		1		10/30/23 20:18		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**539000**	ug/L	1200	585	1		10/26/23 15:22	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**429**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:26	7439-89-6	
Manganese	**797**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:26	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**258**	ug/L	100	29.6	1		10/26/23 17:40	7439-89-6	
Manganese, Dissolved	**774**	ug/L	5.0	1.1	1		10/26/23 17:40	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:28	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 21:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 21:28	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 21:28	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 21:28	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 21:28	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 21:28	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 21:28	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 21:28	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 21:28	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 21:28	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 21:28	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 21:28	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 21:28	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 21:28	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 21:28	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:28	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 21:28	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 21:28	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 21:28	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:28	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 21:28	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 21:28	106-43-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-10-32 **Lab ID: 40269964009** Collected: 10/17/23 16:40 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.1**	ug/L	1.0	0.30	1		10/26/23 21:28	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:28	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:28	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:28	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 21:28	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 21:28	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 21:28	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 21:28	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 21:28	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 21:28	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 21:28	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 21:28	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 21:28	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 21:28	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 21:28	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 21:28	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 21:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 21:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 21:28	98-82-8	
Methyl-tert-butyl ether	**4.5J**	ug/L	5.0	1.1	1		10/26/23 21:28	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 21:28	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 21:28	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 21:28	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:28	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 21:28	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 21:28	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 21:28	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:28	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 21:28	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 21:28	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 21:28	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 21:28	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 21:28	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 21:28	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 21:28	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 21:28	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 21:28	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 21:28	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:28	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 21:28	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 21:28	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 21:28	10061-02-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		10/26/23 21:28	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		1		10/26/23 21:28	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-10-32 **Lab ID: 40269964009** Collected: 10/17/23 16:40 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/26/23 21:28	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**10.7**	mg/L	2.0	0.44	1		11/06/23 11:59	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**451**	mg/L	25.0	7.4	1		10/25/23 13:59		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.28**	mg/L	0.25	0.059	1		10/26/23 15:28		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-07-32 **Lab ID: 40269964010** Collected: 10/18/23 16:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:04	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 19:04	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 19:04	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:04	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 19:04	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 19:04	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:04	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 19:04	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 19:04	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 19:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 19:04	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 19:04	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 19:04	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 19:04	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 19:04	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:04	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:04	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:04	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 19:04	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:04	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 19:04	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 19:04	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:04	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:04	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:04	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:04	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 19:04	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 19:04	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 19:04	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 19:04	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 19:04	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 19:04	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 19:04	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 19:04	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 19:04	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 19:04	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 19:04	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 19:04	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 19:04	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 19:04	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:04	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 19:04	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 19:04	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 19:04	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-07-32 **Lab ID: 40269964010** Collected: 10/18/23 16:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 19:04	91-20-3	
Styrene	**0.94J**	ug/L	1.0	0.36	1		10/26/23 19:04	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 19:04	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 19:04	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 19:04	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:04	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 19:04	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 19:04	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 19:04	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 19:04	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 19:04	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 19:04	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 19:04	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:04	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:04	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:04	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:04	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 19:04	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 19:04	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 19:04	10061-02-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		10/26/23 19:04	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		1		10/26/23 19:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 19:04	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-15-32 **Lab ID: 40269964011** Collected: 10/18/23 10:37 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:24	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 19:24	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 19:24	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:24	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 19:24	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 19:24	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:24	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 19:24	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 19:24	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 19:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 19:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 19:24	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 19:24	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 19:24	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 19:24	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:24	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:24	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:24	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 19:24	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:24	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 19:24	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 19:24	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:24	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:24	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:24	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 19:24	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 19:24	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 19:24	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 19:24	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 19:24	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 19:24	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 19:24	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 19:24	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 19:24	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 19:24	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 19:24	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 19:24	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 19:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 19:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:24	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 19:24	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 19:24	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 19:24	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-15-32 **Lab ID: 40269964011** Collected: 10/18/23 10:37 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 19:24	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:24	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 19:24	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 19:24	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 19:24	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:24	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 19:24	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 19:24	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 19:24	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 19:24	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 19:24	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 19:24	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 19:24	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:24	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:24	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:24	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:24	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 19:24	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 19:24	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 19:24	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/26/23 19:24	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		10/26/23 19:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/26/23 19:24	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-12-31 **Lab ID: 40269964012** Collected: 10/18/23 12:19 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:45	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 19:45	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 19:45	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:45	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 19:45	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 19:45	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:45	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 19:45	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 19:45	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 19:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 19:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 19:45	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 19:45	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 19:45	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 19:45	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:45	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:45	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:45	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 19:45	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:45	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 19:45	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 19:45	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 19:45	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:45	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:45	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:45	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 19:45	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 19:45	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 19:45	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 19:45	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 19:45	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 19:45	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 19:45	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 19:45	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 19:45	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 19:45	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 19:45	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 19:45	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 19:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 19:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:45	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 19:45	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 19:45	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 19:45	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-12-31 **Lab ID: 40269964012** Collected: 10/18/23 12:19 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 19:45	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 19:45	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 19:45	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 19:45	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 19:45	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:45	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 19:45	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 19:45	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 19:45	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 19:45	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 19:45	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 19:45	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 19:45	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:45	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 19:45	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 19:45	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 19:45	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 19:45	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 19:45	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 19:45	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/26/23 19:45	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		10/26/23 19:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		10/26/23 19:45	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-14-31 **Lab ID: 40269964013** Collected: 10/18/23 14:10 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**1.3J**	ug/L	5.0	0.90	1		11/01/23 11:58	74-84-0	
Ethene	**1.2J**	ug/L	5.0	0.79	1		11/01/23 11:58	74-85-1	
Methane	**124**	ug/L	10.0	3.8	1		11/01/23 11:58	74-82-8	
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	108	%.	70-130		1		11/01/23 11:58		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**714000**	ug/L	1200	585	1		11/01/23 15:54	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4470**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:28	7439-89-6	
Manganese	**448**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:28	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**4180**	ug/L	100	29.6	1		10/26/23 17:42	7439-89-6	
Manganese, Dissolved	**430**	ug/L	5.0	1.1	1		10/26/23 17:42	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:47	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:47	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 20:47	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 20:47	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:47	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 20:47	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 20:47	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:47	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 20:47	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 20:47	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 20:47	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 20:47	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 20:47	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 20:47	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 20:47	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 20:47	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:47	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:47	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:47	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 20:47	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:47	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 20:47	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 20:47	106-43-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-14-31 **Lab ID: 40269964013** Collected: 10/18/23 14:10 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**5.0**	ug/L	1.0	0.30	1		10/26/23 20:47	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:47	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:47	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:47	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 20:47	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 20:47	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 20:47	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 20:47	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 20:47	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 20:47	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 20:47	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 20:47	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 20:47	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 20:47	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 20:47	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 20:47	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 20:47	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 20:47	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:47	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 20:47	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 20:47	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 20:47	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 20:47	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:47	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 20:47	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 20:47	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 20:47	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:47	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 20:47	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 20:47	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 20:47	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 20:47	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 20:47	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 20:47	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 20:47	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:47	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:47	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:47	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:47	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 20:47	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 20:47	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 20:47	10061-02-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		10/26/23 20:47	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		10/26/23 20:47	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-14-31 **Lab ID: 40269964013** Collected: 10/18/23 14:10 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/26/23 20:47	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**24.5**	mg/L	2.0	0.44	1		11/06/23 12:14	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**592**	mg/L	50.0	14.9	2		10/31/23 10:51		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		10/26/23 15:29		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-141-31 **Lab ID: 40269964014** Collected: 10/18/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:08	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 21:08	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 21:08	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 21:08	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 21:08	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 21:08	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 21:08	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 21:08	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 21:08	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 21:08	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 21:08	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 21:08	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 21:08	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 21:08	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 21:08	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 21:08	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:08	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 21:08	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 21:08	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 21:08	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:08	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 21:08	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 21:08	106-43-4	
Benzene	**4.8**	ug/L	1.0	0.30	1		10/26/23 21:08	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:08	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:08	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 21:08	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 21:08	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 21:08	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 21:08	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 21:08	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 21:08	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 21:08	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 21:08	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 21:08	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 21:08	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 21:08	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 21:08	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 21:08	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 21:08	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 21:08	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 21:08	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 21:08	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 21:08	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-141-31 **Lab ID: 40269964014** Collected: 10/18/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 21:08	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 21:08	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 21:08	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 21:08	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 21:08	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:08	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 21:08	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 21:08	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 21:08	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 21:08	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 21:08	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 21:08	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 21:08	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 21:08	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 21:08	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 21:08	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 21:08	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 21:08	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 21:08	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 21:08	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		10/26/23 21:08	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		10/26/23 21:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/26/23 21:08	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-11-32 **Lab ID: 40269964015** Collected: 10/18/23 11:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:06	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:06	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 20:06	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 20:06	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:06	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 20:06	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 20:06	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:06	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 20:06	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 20:06	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 20:06	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 20:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 20:06	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 20:06	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 20:06	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 20:06	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:06	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:06	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:06	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 20:06	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:06	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 20:06	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 20:06	106-43-4	
Benzene	**1.6**	ug/L	1.0	0.30	1		10/26/23 20:06	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:06	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:06	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:06	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 20:06	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 20:06	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 20:06	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 20:06	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 20:06	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 20:06	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 20:06	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 20:06	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 20:06	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 20:06	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 20:06	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 20:06	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 20:06	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 20:06	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:06	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 20:06	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 20:06	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 20:06	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-11-32 **Lab ID: 40269964015** Collected: 10/18/23 11:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 20:06	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:06	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 20:06	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 20:06	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/26/23 20:06	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:06	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 20:06	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 20:06	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 20:06	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 20:06	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 20:06	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 20:06	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 20:06	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:06	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:06	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:06	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:06	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 20:06	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 20:06	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 20:06	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		10/26/23 20:06	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		10/26/23 20:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/26/23 20:06	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-32 **Lab ID: 40269964016** Collected: 10/18/23 09:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**1.7J**	ug/L	5.0	0.90	1		11/01/23 11:43	74-84-0	
Ethene	**1.4J**	ug/L	5.0	0.79	1		11/01/23 11:43	74-85-1	
Methane	**6.2J**	ug/L	10.0	3.8	1		11/01/23 11:43	74-82-8	B
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	115	%.	70-130		1		11/01/23 11:43		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**632000**	ug/L	1200	585	1		11/01/23 15:38	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:30	7439-89-6	
Manganese	**34.7**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:30	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		10/26/23 17:44	7439-89-6	
Manganese, Dissolved	**29.5**	ug/L	5.0	1.1	1		10/26/23 17:44	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:26	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:26	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/26/23 20:26	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/26/23 20:26	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:26	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/26/23 20:26	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 20:26	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:26	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/26/23 20:26	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/26/23 20:26	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/26/23 20:26	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/26/23 20:26	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/26/23 20:26	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 20:26	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/26/23 20:26	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/26/23 20:26	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:26	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:26	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:26	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/26/23 20:26	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:26	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 20:26	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/26/23 20:26	106-43-4	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-32 **Lab ID: 40269964016** Collected: 10/18/23 09:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/26/23 20:26	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:26	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:26	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/26/23 20:26	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 20:26	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/26/23 20:26	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 20:26	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/26/23 20:26	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/26/23 20:26	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 20:26	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/26/23 20:26	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/26/23 20:26	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/26/23 20:26	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/26/23 20:26	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 20:26	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/26/23 20:26	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/26/23 20:26	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:26	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/26/23 20:26	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/26/23 20:26	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/26/23 20:26	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/26/23 20:26	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/26/23 20:26	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/26/23 20:26	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/26/23 20:26	108-88-3	
Trichloroethene	**2.3**	ug/L	1.0	0.32	1		10/26/23 20:26	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:26	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/26/23 20:26	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/26/23 20:26	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/26/23 20:26	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/26/23 20:26	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/26/23 20:26	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/26/23 20:26	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/26/23 20:26	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:26	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/26/23 20:26	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/26/23 20:26	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/26/23 20:26	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/26/23 20:26	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/26/23 20:26	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/26/23 20:26	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		10/26/23 20:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		10/26/23 20:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-32 **Lab ID: 40269964016** Collected: 10/18/23 09:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/26/23 20:26	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**25.6**	mg/L	2.0	0.44	1		11/06/23 12:29	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**538**	mg/L	50.0	14.9	2		10/31/23 10:56		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**8.9**	mg/L	0.50	0.12	2		10/26/23 15:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-13-33 **Lab ID: 40269964017** Collected: 10/18/23 14:25 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 12:15	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 12:15	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 12:15	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 12:15	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 12:15	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 12:15	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 12:15	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 12:15	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 12:15	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 12:15	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 12:15	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 12:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 12:15	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 12:15	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 12:15	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 12:15	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 12:15	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 12:15	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 12:15	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 12:15	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 12:15	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 12:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 12:15	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 12:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 12:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 12:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 12:15	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 12:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 12:15	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 12:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 12:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 12:15	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 12:15	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 12:15	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 12:15	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 12:15	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 12:15	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 12:15	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 12:15	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 12:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 12:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 12:15	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 12:15	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 12:15	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 12:15	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-13-33 **Lab ID: 40269964017** Collected: 10/18/23 14:25 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 12:15	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 12:15	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 12:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 12:15	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		11/01/23 12:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 12:15	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 12:15	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 12:15	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 12:15	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 12:15	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 12:15	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 12:15	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 12:15	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 12:15	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 12:15	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 12:15	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 12:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 12:15	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 12:15	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 12:15	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/01/23 12:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/01/23 12:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/01/23 12:15	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-07-60 **Lab ID: 40269964018** Collected: 10/19/23 09:25 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:11	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:11	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 14:11	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 14:11	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:11	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 14:11	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 14:11	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 14:11	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 14:11	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 14:11	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 14:11	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 14:11	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 14:11	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 14:11	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 14:11	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 14:11	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:11	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 14:11	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:11	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 14:11	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:11	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 14:11	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 14:11	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:11	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:11	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:11	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 14:11	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 14:11	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 14:11	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 14:11	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 14:11	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 14:11	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 14:11	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 14:11	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 14:11	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 14:11	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 14:11	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 14:11	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 14:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 14:11	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 14:11	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 14:11	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 14:11	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 14:11	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-07-60 **Lab ID: 40269964018** Collected: 10/19/23 09:25 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 14:11	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:11	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 14:11	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 14:11	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		11/01/23 14:11	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:11	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 14:11	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 14:11	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 14:11	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 14:11	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 14:11	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 14:11	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 14:11	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 14:11	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 14:11	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 14:11	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:11	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 14:11	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 14:11	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 14:11	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/01/23 14:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		11/01/23 14:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/01/23 14:11	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-60 **Lab ID: 40269964019** Collected: 10/19/23 12:12 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:50	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 14:50	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 14:50	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:50	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 14:50	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 14:50	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 14:50	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 14:50	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 14:50	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 14:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 14:50	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 14:50	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 14:50	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 14:50	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 14:50	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:50	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 14:50	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:50	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 14:50	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:50	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 14:50	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 14:50	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 14:50	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:50	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:50	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:50	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 14:50	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 14:50	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 14:50	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 14:50	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 14:50	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 14:50	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 14:50	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 14:50	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 14:50	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 14:50	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 14:50	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 14:50	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 14:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 14:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 14:50	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 14:50	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 14:50	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 14:50	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-60 **Lab ID: 40269964019** Collected: 10/19/23 12:12 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 14:50	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 14:50	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 14:50	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 14:50	108-88-3	
Trichloroethene	**9.4**	ug/L	1.0	0.32	1		11/01/23 14:50	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:50	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 14:50	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 14:50	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 14:50	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 14:50	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 14:50	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 14:50	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 14:50	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 14:50	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 14:50	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 14:50	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 14:50	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 14:50	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 14:50	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 14:50	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		11/01/23 14:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/01/23 14:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		11/01/23 14:50	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-100 **Lab ID: 40269964020** Collected: 10/19/23 10:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:52	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:52	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 13:52	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 13:52	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:52	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 13:52	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 13:52	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 13:52	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 13:52	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 13:52	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 13:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 13:52	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 13:52	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 13:52	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 13:52	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 13:52	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:52	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 13:52	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:52	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 13:52	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:52	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 13:52	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 13:52	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:52	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:52	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:52	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:52	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 13:52	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 13:52	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 13:52	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 13:52	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 13:52	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 13:52	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 13:52	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 13:52	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 13:52	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 13:52	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 13:52	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 13:52	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 13:52	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 13:52	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 13:52	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 13:52	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 13:52	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 13:52	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-06-100 **Lab ID: 40269964020** Collected: 10/19/23 10:35 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 13:52	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:52	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 13:52	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 13:52	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		11/01/23 13:52	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:52	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 13:52	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 13:52	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 13:52	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 13:52	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 13:52	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 13:52	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 13:52	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 13:52	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 13:52	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 13:52	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:52	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 13:52	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 13:52	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 13:52	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/01/23 13:52	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/01/23 13:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/01/23 13:52	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-01-32 **Lab ID: 40269964021** Collected: 10/19/23 14:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**<0.90**	ug/L	5.0	0.90	1		10/31/23 22:23	74-84-0	
Ethene	**1.1J**	ug/L	5.0	0.79	1		10/31/23 22:23	74-85-1	
Methane	**154**	ug/L	10.0	3.8	1		10/31/23 22:23	74-82-8	
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	91	%.	70-130		1		10/31/23 22:23		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**135000**	ug/L	1200	585	1		11/01/23 22:17	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**9330**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:32	7439-89-6	
Manganese	**108**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:32	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**8770**	ug/L	100	29.6	1		10/26/23 17:46	7439-89-6	
Manganese, Dissolved	**103**	ug/L	5.0	1.1	1		10/26/23 17:46	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<44.4**	ug/L	125	44.4	125		11/01/23 17:00	630-20-6	
1,1,1-Trichloroethane	**<37.8**	ug/L	125	37.8	125		11/01/23 17:00	71-55-6	
1,1,2,2-Tetrachloroethane	**<47.2**	ug/L	125	47.2	125		11/01/23 17:00	79-34-5	
1,1,2-Trichloroethane	**<43.1**	ug/L	125	43.1	125		11/01/23 17:00	79-00-5	
1,1-Dichloroethane	**<37.0**	ug/L	125	37.0	125		11/01/23 17:00	75-34-3	
1,1-Dichloroethene	**<72.8**	ug/L	125	72.8	125		11/01/23 17:00	75-35-4	
1,1-Dichloropropene	**<51.3**	ug/L	125	51.3	125		11/01/23 17:00	563-58-6	
1,2,3-Trichlorobenzene	**<127**	ug/L	625	127	125		11/01/23 17:00	87-61-6	
1,2,3-Trichloropropane	**<69.4**	ug/L	125	69.4	125		11/01/23 17:00	96-18-4	
1,2,4-Trichlorobenzene	**<119**	ug/L	625	119	125		11/01/23 17:00	120-82-1	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		11/01/23 17:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<296**	ug/L	625	296	125		11/01/23 17:00	96-12-8	
1,2-Dibromoethane (EDB)	**<38.6**	ug/L	125	38.6	125		11/01/23 17:00	106-93-4	
1,2-Dichlorobenzene	**<40.7**	ug/L	125	40.7	125		11/01/23 17:00	95-50-1	
1,2-Dichloroethane	**<36.4**	ug/L	125	36.4	125		11/01/23 17:00	107-06-2	
1,2-Dichloropropane	**<56.0**	ug/L	125	56.0	125		11/01/23 17:00	78-87-5	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		11/01/23 17:00	108-67-8	
1,3-Dichlorobenzene	**<43.9**	ug/L	125	43.9	125		11/01/23 17:00	541-73-1	
1,3-Dichloropropane	**<38.1**	ug/L	125	38.1	125		11/01/23 17:00	142-28-9	
1,4-Dichlorobenzene	**<112**	ug/L	125	112	125		11/01/23 17:00	106-46-7	
2,2-Dichloropropane	**<52.3**	ug/L	125	52.3	125		11/01/23 17:00	594-20-7	
2-Chlorotoluene	**<111**	ug/L	625	111	125		11/01/23 17:00	95-49-8	
4-Chlorotoluene	**<112**	ug/L	625	112	125		11/01/23 17:00	106-43-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-01-32 **Lab ID: 40269964021** Collected: 10/19/23 14:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**9500**	ug/L	125	36.9	125		11/01/23 17:00	71-43-2	
Bromobenzene	**<45.1**	ug/L	125	45.1	125		11/01/23 17:00	108-86-1	
Bromochloromethane	**<44.7**	ug/L	125	44.7	125		11/01/23 17:00	74-97-5	
Bromodichloromethane	**<51.9**	ug/L	125	51.9	125		11/01/23 17:00	75-27-4	
Bromoform	**<53.6**	ug/L	125	53.6	125		11/01/23 17:00	75-25-2	
Bromomethane	**<149**	ug/L	625	149	125		11/01/23 17:00	74-83-9	
Carbon tetrachloride	**<46.2**	ug/L	125	46.2	125		11/01/23 17:00	56-23-5	
Chlorobenzene	**<107**	ug/L	125	107	125		11/01/23 17:00	108-90-7	
Chloroethane	**<172**	ug/L	625	172	125		11/01/23 17:00	75-00-3	
Chloroform	**<63.0**	ug/L	625	63.0	125		11/01/23 17:00	67-66-3	
Chloromethane	**<204**	ug/L	625	204	125		11/01/23 17:00	74-87-3	
Cyclohexane	**792**	ug/L	625	161	125		11/01/23 17:00	110-82-7	
Dibromochloromethane	**<330**	ug/L	625	330	125		11/01/23 17:00	124-48-1	
Dibromomethane	**<124**	ug/L	625	124	125		11/01/23 17:00	74-95-3	
Dichlorodifluoromethane	**<56.9**	ug/L	625	56.9	125		11/01/23 17:00	75-71-8	
Diisopropyl ether	**<138**	ug/L	625	138	125		11/01/23 17:00	108-20-3	
Ethylbenzene	**151**	ug/L	125	40.6	125		11/01/23 17:00	100-41-4	
Hexachloro-1,3-butadiene	**<342**	ug/L	625	342	125		11/01/23 17:00	87-68-3	
Isopropylbenzene (Cumene)	**<125**	ug/L	625	125	125		11/01/23 17:00	98-82-8	
Methyl-tert-butyl ether	**<141**	ug/L	625	141	125		11/01/23 17:00	1634-04-4	
Methylcyclohexane	**173J**	ug/L	625	149	125		11/01/23 17:00	108-87-2	
Methylene Chloride	**<39.9**	ug/L	625	39.9	125		11/01/23 17:00	75-09-2	
Naphthalene	**<240**	ug/L	625	240	125		11/01/23 17:00	91-20-3	
Styrene	**<44.5**	ug/L	125	44.5	125		11/01/23 17:00	100-42-5	
Tetrachloroethene	**<51.1**	ug/L	125	51.1	125		11/01/23 17:00	127-18-4	
Toluene	**2160**	ug/L	125	36.0	125		11/01/23 17:00	108-88-3	
Trichloroethene	**<40.0**	ug/L	125	40.0	125		11/01/23 17:00	79-01-6	
Trichlorofluoromethane	**<52.3**	ug/L	125	52.3	125		11/01/23 17:00	75-69-4	
Vinyl chloride	**<21.8**	ug/L	125	21.8	125		11/01/23 17:00	75-01-4	
cis-1,2-Dichloroethene	**<58.9**	ug/L	125	58.9	125		11/01/23 17:00	156-59-2	
cis-1,3-Dichloropropene	**<29.7**	ug/L	125	29.7	125		11/01/23 17:00	10061-01-5	
m&p-Xylene	**196J**	ug/L	250	87.5	125		11/01/23 17:00	179601-23-1	
n-Butylbenzene	**<107**	ug/L	125	107	125		11/01/23 17:00	104-51-8	
n-Heptane	**<204**	ug/L	625	204	125		11/01/23 17:00	142-82-5	
n-Hexane	**<183**	ug/L	625	183	125		11/01/23 17:00	110-54-3	
n-Propylbenzene	**<43.2**	ug/L	125	43.2	125		11/01/23 17:00	103-65-1	
o-Xylene	**218**	ug/L	125	43.5	125		11/01/23 17:00	95-47-6	
p-Isopropyltoluene	**<130**	ug/L	625	130	125		11/01/23 17:00	99-87-6	
sec-Butylbenzene	**<53.0**	ug/L	125	53.0	125		11/01/23 17:00	135-98-8	
tert-Butylbenzene	**<73.3**	ug/L	125	73.3	125		11/01/23 17:00	98-06-6	
trans-1,2-Dichloroethene	**<66.0**	ug/L	125	66.0	125		11/01/23 17:00	156-60-5	
trans-1,3-Dichloropropene	**<33.2**	ug/L	125	33.2	125		11/01/23 17:00	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		125		11/01/23 17:00	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		125		11/01/23 17:00	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-01-32 **Lab ID: 40269964021** Collected: 10/19/23 14:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		125		11/01/23 17:00	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<2.2**	mg/L	10.0	2.2	5		11/06/23 12:44	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**556**	mg/L	50.0	14.9	2		10/31/23 11:03		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		10/26/23 15:37		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-101-32 **Lab ID: 40269964022** Collected: 10/19/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
BR RSK175 Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Ethane	**<0.90**	ug/L	5.0	0.90	1		10/31/23 22:07	74-84-0	
Ethene	**0.98J**	ug/L	5.0	0.79	1		10/31/23 22:07	74-85-1	
Methane	**129**	ug/L	10.0	3.8	1		10/31/23 22:07	74-82-8	
Surrogates									
Methyl-tert-butyl-ether-d3 (S)	102	%.	70-130		1		10/31/23 22:07		
BR RSK175 CO2 in Headspace	Analytical Method: RSK175 Pace Analytical Services - Baton Rouge								
Carbon dioxide	**137000**	ug/L	1200	585	1		11/01/23 22:01	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**9080**	ug/L	100	56.7	1	10/24/23 13:13	10/25/23 20:34	7439-89-6	
Manganese	**105**	ug/L	5.0	1.5	1	10/24/23 13:13	10/25/23 20:34	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**8920**	ug/L	100	29.6	1		10/26/23 17:48	7439-89-6	
Manganese, Dissolved	**104**	ug/L	5.0	1.1	1		10/26/23 17:48	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<35.5**	ug/L	100	35.5	100		11/01/23 17:19	630-20-6	
1,1,1-Trichloroethane	**<30.3**	ug/L	100	30.3	100		11/01/23 17:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<37.8**	ug/L	100	37.8	100		11/01/23 17:19	79-34-5	
1,1,2-Trichloroethane	**<34.4**	ug/L	100	34.4	100		11/01/23 17:19	79-00-5	
1,1-Dichloroethane	**<29.6**	ug/L	100	29.6	100		11/01/23 17:19	75-34-3	
1,1-Dichloroethene	**<58.2**	ug/L	100	58.2	100		11/01/23 17:19	75-35-4	
1,1-Dichloropropene	**<41.0**	ug/L	100	41.0	100		11/01/23 17:19	563-58-6	
1,2,3-Trichlorobenzene	**<102**	ug/L	500	102	100		11/01/23 17:19	87-61-6	
1,2,3-Trichloropropane	**<55.5**	ug/L	100	55.5	100		11/01/23 17:19	96-18-4	
1,2,4-Trichlorobenzene	**<95.1**	ug/L	500	95.1	100		11/01/23 17:19	120-82-1	
1,2,4-Trimethylbenzene	**<44.9**	ug/L	100	44.9	100		11/01/23 17:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<237**	ug/L	500	237	100		11/01/23 17:19	96-12-8	
1,2-Dibromoethane (EDB)	**<30.9**	ug/L	100	30.9	100		11/01/23 17:19	106-93-4	
1,2-Dichlorobenzene	**<32.6**	ug/L	100	32.6	100		11/01/23 17:19	95-50-1	
1,2-Dichloroethane	**<29.2**	ug/L	100	29.2	100		11/01/23 17:19	107-06-2	
1,2-Dichloropropane	**<44.8**	ug/L	100	44.8	100		11/01/23 17:19	78-87-5	
1,3,5-Trimethylbenzene	**<35.7**	ug/L	100	35.7	100		11/01/23 17:19	108-67-8	
1,3-Dichlorobenzene	**<35.1**	ug/L	100	35.1	100		11/01/23 17:19	541-73-1	
1,3-Dichloropropane	**<30.5**	ug/L	100	30.5	100		11/01/23 17:19	142-28-9	
1,4-Dichlorobenzene	**<89.2**	ug/L	100	89.2	100		11/01/23 17:19	106-46-7	
2,2-Dichloropropane	**<41.9**	ug/L	100	41.9	100		11/01/23 17:19	594-20-7	
2-Chlorotoluene	**<89.0**	ug/L	500	89.0	100		11/01/23 17:19	95-49-8	
4-Chlorotoluene	**<89.4**	ug/L	500	89.4	100		11/01/23 17:19	106-43-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-101-32 **Lab ID: 40269964022** Collected: 10/19/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**10000**	ug/L	100	29.5	100		11/01/23 17:19	71-43-2	
Bromobenzene	**<36.1**	ug/L	100	36.1	100		11/01/23 17:19	108-86-1	
Bromochloromethane	**<35.8**	ug/L	100	35.8	100		11/01/23 17:19	74-97-5	
Bromodichloromethane	**<41.5**	ug/L	100	41.5	100		11/01/23 17:19	75-27-4	
Bromoform	**<42.9**	ug/L	100	42.9	100		11/01/23 17:19	75-25-2	
Bromomethane	**<119**	ug/L	500	119	100		11/01/23 17:19	74-83-9	
Carbon tetrachloride	**<36.9**	ug/L	100	36.9	100		11/01/23 17:19	56-23-5	
Chlorobenzene	**<85.5**	ug/L	100	85.5	100		11/01/23 17:19	108-90-7	
Chloroethane	**<138**	ug/L	500	138	100		11/01/23 17:19	75-00-3	
Chloroform	**<50.4**	ug/L	500	50.4	100		11/01/23 17:19	67-66-3	
Chloromethane	**<164**	ug/L	500	164	100		11/01/23 17:19	74-87-3	
Cyclohexane	**941**	ug/L	500	129	100		11/01/23 17:19	110-82-7	
Dibromochloromethane	**<264**	ug/L	500	264	100		11/01/23 17:19	124-48-1	
Dibromomethane	**<99.1**	ug/L	500	99.1	100		11/01/23 17:19	74-95-3	
Dichlorodifluoromethane	**<45.5**	ug/L	500	45.5	100		11/01/23 17:19	75-71-8	
Diisopropyl ether	**<110**	ug/L	500	110	100		11/01/23 17:19	108-20-3	
Ethylbenzene	**178**	ug/L	100	32.5	100		11/01/23 17:19	100-41-4	
Hexachloro-1,3-butadiene	**<274**	ug/L	500	274	100		11/01/23 17:19	87-68-3	
Isopropylbenzene (Cumene)	**<100**	ug/L	500	100	100		11/01/23 17:19	98-82-8	
Methyl-tert-butyl ether	**<113**	ug/L	500	113	100		11/01/23 17:19	1634-04-4	
Methylcyclohexane	**208J**	ug/L	500	119	100		11/01/23 17:19	108-87-2	
Methylene Chloride	**<31.9**	ug/L	500	31.9	100		11/01/23 17:19	75-09-2	
Naphthalene	**<192**	ug/L	500	192	100		11/01/23 17:19	91-20-3	
Styrene	**<35.6**	ug/L	100	35.6	100		11/01/23 17:19	100-42-5	
Tetrachloroethene	**<40.9**	ug/L	100	40.9	100		11/01/23 17:19	127-18-4	
Toluene	**2350**	ug/L	100	28.8	100		11/01/23 17:19	108-88-3	
Trichloroethene	**<32.0**	ug/L	100	32.0	100		11/01/23 17:19	79-01-6	
Trichlorofluoromethane	**<41.9**	ug/L	100	41.9	100		11/01/23 17:19	75-69-4	
Vinyl chloride	**<17.4**	ug/L	100	17.4	100		11/01/23 17:19	75-01-4	
cis-1,2-Dichloroethene	**<47.2**	ug/L	100	47.2	100		11/01/23 17:19	156-59-2	
cis-1,3-Dichloropropene	**<23.7**	ug/L	100	23.7	100		11/01/23 17:19	10061-01-5	
m&p-Xylene	**205**	ug/L	200	70.0	100		11/01/23 17:19	179601-23-1	
n-Butylbenzene	**<85.7**	ug/L	100	85.7	100		11/01/23 17:19	104-51-8	
n-Heptane	**<163**	ug/L	500	163	100		11/01/23 17:19	142-82-5	
n-Hexane	**<146**	ug/L	500	146	100		11/01/23 17:19	110-54-3	
n-Propylbenzene	**<34.5**	ug/L	100	34.5	100		11/01/23 17:19	103-65-1	
o-Xylene	**244**	ug/L	100	34.8	100		11/01/23 17:19	95-47-6	
p-Isopropyltoluene	**<104**	ug/L	500	104	100		11/01/23 17:19	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	100	42.4	100		11/01/23 17:19	135-98-8	
tert-Butylbenzene	**<58.6**	ug/L	100	58.6	100		11/01/23 17:19	98-06-6	
trans-1,2-Dichloroethene	**<52.8**	ug/L	100	52.8	100		11/01/23 17:19	156-60-5	
trans-1,3-Dichloropropene	**<26.5**	ug/L	100	26.5	100		11/01/23 17:19	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		100		11/01/23 17:19	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		100		11/01/23 17:19	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-101-32 **Lab ID: 40269964022** Collected: 10/19/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Surrogates									
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		100		11/01/23 17:19	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<2.2**	mg/L	10.0	2.2	5		11/06/23 12:59	14808-79-8	D3
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**534**	mg/L	50.0	14.9	2		10/31/23 11:04		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		10/26/23 15:38		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-09-60 **Lab ID: 40269964023** Collected: 10/19/23 17:05 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:13	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:13	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 13:13	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 13:13	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:13	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 13:13	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 13:13	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 13:13	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 13:13	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 13:13	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 13:13	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 13:13	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 13:13	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 13:13	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 13:13	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 13:13	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:13	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 13:13	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:13	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 13:13	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:13	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 13:13	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 13:13	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 13:13	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:13	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:13	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:13	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 13:13	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 13:13	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 13:13	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 13:13	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 13:13	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 13:13	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 13:13	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 13:13	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 13:13	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 13:13	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 13:13	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 13:13	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 13:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 13:13	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 13:13	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 13:13	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 13:13	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 13:13	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-09-60 **Lab ID: 40269964023** Collected: 10/19/23 17:05 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 13:13	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 13:13	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 13:13	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 13:13	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		11/01/23 13:13	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:13	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 13:13	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 13:13	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 13:13	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 13:13	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 13:13	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 13:13	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 13:13	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 13:13	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 13:13	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 13:13	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 13:13	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 13:13	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 13:13	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 13:13	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/01/23 13:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		11/01/23 13:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/01/23 13:13	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-01-63 **Lab ID: 40269964024** Collected: 10/19/23 14:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:12	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:12	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/27/23 19:12	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/27/23 19:12	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:12	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/27/23 19:12	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 19:12	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 19:12	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/27/23 19:12	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/27/23 19:12	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 19:12	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/27/23 19:12	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/27/23 19:12	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 19:12	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/27/23 19:12	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/27/23 19:12	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:12	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 19:12	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:12	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/27/23 19:12	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:12	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 19:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 19:12	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:12	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/27/23 19:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 19:12	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/27/23 19:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 19:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/27/23 19:12	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/27/23 19:12	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 19:12	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/27/23 19:12	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/27/23 19:12	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/27/23 19:12	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/27/23 19:12	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 19:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 19:12	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/27/23 19:12	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/27/23 19:12	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 19:12	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 19:12	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/27/23 19:12	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-01-63 **Lab ID: 40269964024** Collected: 10/19/23 14:30 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/27/23 19:12	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:12	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 19:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 19:12	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/27/23 19:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:12	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/27/23 19:12	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/27/23 19:12	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/27/23 19:12	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 19:12	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 19:12	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 19:12	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/27/23 19:12	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 19:12	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 19:12	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 19:12	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/27/23 19:12	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/27/23 19:12	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/27/23 19:12	10061-02-6	
Surrogates									
Toluene-d8 (S)	117	%	70-130		1		10/27/23 19:12	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		10/27/23 19:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		10/27/23 19:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-101-63 **Lab ID: 40269964025** Collected: 10/19/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/29/23 12:13	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/29/23 12:13	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/29/23 12:13	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/29/23 12:13	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/29/23 12:13	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/29/23 12:13	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/29/23 12:13	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/29/23 12:13	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/29/23 12:13	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/29/23 12:13	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/29/23 12:13	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/29/23 12:13	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/29/23 12:13	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/29/23 12:13	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/29/23 12:13	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/29/23 12:13	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/29/23 12:13	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/29/23 12:13	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/29/23 12:13	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/29/23 12:13	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/29/23 12:13	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/29/23 12:13	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/29/23 12:13	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/29/23 12:13	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/29/23 12:13	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/29/23 12:13	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/29/23 12:13	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/29/23 12:13	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/29/23 12:13	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/29/23 12:13	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/29/23 12:13	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/29/23 12:13	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/29/23 12:13	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/29/23 12:13	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/29/23 12:13	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/29/23 12:13	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/29/23 12:13	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/29/23 12:13	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/29/23 12:13	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/29/23 12:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/29/23 12:13	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/29/23 12:13	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/29/23 12:13	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/29/23 12:13	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/29/23 12:13	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-101-63 **Lab ID: 40269964025** Collected: 10/19/23 12:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/29/23 12:13	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/29/23 12:13	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/29/23 12:13	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/29/23 12:13	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/29/23 12:13	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/29/23 12:13	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/29/23 12:13	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/29/23 12:13	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/29/23 12:13	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/29/23 12:13	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/29/23 12:13	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/29/23 12:13	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/29/23 12:13	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/29/23 12:13	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/29/23 12:13	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/29/23 12:13	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/29/23 12:13	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/29/23 12:13	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/29/23 12:13	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/29/23 12:13	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		10/29/23 12:13	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		10/29/23 12:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/29/23 12:13	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-05-60 **Lab ID: 40269964026** Collected: 10/20/23 10:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:42	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/27/23 11:42	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/27/23 11:42	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:42	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/27/23 11:42	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 11:42	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 11:42	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/27/23 11:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/27/23 11:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/27/23 11:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/27/23 11:42	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:42	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:42	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:42	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:42	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:42	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:42	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/27/23 11:42	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:42	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 11:42	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 11:42	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:42	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:42	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:42	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/27/23 11:42	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 11:42	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/27/23 11:42	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 11:42	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/27/23 11:42	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/27/23 11:42	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 11:42	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/27/23 11:42	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/27/23 11:42	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/27/23 11:42	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/27/23 11:42	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 11:42	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/27/23 11:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/27/23 11:42	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 11:42	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 11:42	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/27/23 11:42	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-05-60 **Lab ID: 40269964026** Collected: 10/20/23 10:15 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/27/23 11:42	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:42	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 11:42	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:42	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/27/23 11:42	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/27/23 11:42	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/27/23 11:42	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/27/23 11:42	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 11:42	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 11:42	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 11:42	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/27/23 11:42	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:42	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:42	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 11:42	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:42	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/27/23 11:42	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/27/23 11:42	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/27/23 11:42	10061-02-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		10/27/23 11:42	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		10/27/23 11:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		10/27/23 11:42	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-09-33 **Lab ID: 40269964027** Collected: 10/20/23 08:55 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:33	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/27/23 19:33	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/27/23 19:33	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:33	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/27/23 19:33	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 19:33	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 19:33	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/27/23 19:33	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/27/23 19:33	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 19:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/27/23 19:33	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/27/23 19:33	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 19:33	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/27/23 19:33	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/27/23 19:33	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:33	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 19:33	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:33	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/27/23 19:33	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:33	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 19:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 19:33	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 19:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:33	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/27/23 19:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 19:33	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/27/23 19:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 19:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/27/23 19:33	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/27/23 19:33	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 19:33	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/27/23 19:33	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/27/23 19:33	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/27/23 19:33	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/27/23 19:33	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 19:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 19:33	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/27/23 19:33	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/27/23 19:33	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 19:33	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 19:33	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/27/23 19:33	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: MW-09-33 **Lab ID: 40269964027** Collected: 10/20/23 08:55 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/27/23 19:33	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 19:33	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 19:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 19:33	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/27/23 19:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:33	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/27/23 19:33	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/27/23 19:33	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/27/23 19:33	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 19:33	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 19:33	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 19:33	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/27/23 19:33	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 19:33	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 19:33	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 19:33	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/27/23 19:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/27/23 19:33	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/27/23 19:33	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/27/23 19:33	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		10/27/23 19:33	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		10/27/23 19:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/27/23 19:33	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: TB20231020 **Lab ID: 40269964028** Collected: 10/20/23 00:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:21	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		10/27/23 11:21	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		10/27/23 11:21	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:21	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		10/27/23 11:21	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 11:21	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 11:21	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		10/27/23 11:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		10/27/23 11:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		10/27/23 11:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		10/27/23 11:21	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:21	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:21	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		10/27/23 11:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:21	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:21	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:21	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		10/27/23 11:21	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:21	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 11:21	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		10/27/23 11:21	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		10/27/23 11:21	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:21	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:21	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		10/27/23 11:21	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 11:21	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		10/27/23 11:21	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 11:21	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		10/27/23 11:21	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		10/27/23 11:21	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 11:21	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		10/27/23 11:21	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		10/27/23 11:21	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		10/27/23 11:21	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		10/27/23 11:21	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 11:21	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		10/27/23 11:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		10/27/23 11:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		10/27/23 11:21	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		10/27/23 11:21	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		10/27/23 11:21	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		10/27/23 11:21	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: TB20231020 **Lab ID: 40269964028** Collected: 10/20/23 00:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		10/27/23 11:21	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		10/27/23 11:21	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		10/27/23 11:21	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		10/27/23 11:21	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		10/27/23 11:21	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:21	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		10/27/23 11:21	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		10/27/23 11:21	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		10/27/23 11:21	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		10/27/23 11:21	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		10/27/23 11:21	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		10/27/23 11:21	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		10/27/23 11:21	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:21	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		10/27/23 11:21	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		10/27/23 11:21	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		10/27/23 11:21	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		10/27/23 11:21	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		10/27/23 11:21	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		10/27/23 11:21	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		10/27/23 11:21	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		10/27/23 11:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		10/27/23 11:21	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: EBA20231019 **Lab ID: 40269964029** Collected: 10/19/23 08:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 10:57	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 10:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 10:57	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 10:57	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 10:57	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 10:57	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 10:57	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 10:57	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 10:57	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 10:57	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 10:57	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 10:57	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 10:57	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 10:57	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 10:57	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 10:57	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 10:57	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 10:57	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 10:57	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 10:57	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 10:57	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 10:57	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 10:57	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 10:57	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 10:57	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 10:57	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 10:57	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 10:57	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 10:57	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 10:57	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 10:57	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 10:57	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 10:57	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 10:57	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 10:57	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 10:57	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 10:57	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 10:57	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 10:57	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 10:57	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 10:57	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 10:57	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 10:57	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 10:57	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 10:57	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: EBA20231019 **Lab ID: 40269964029** Collected: 10/19/23 08:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 10:57	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 10:57	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 10:57	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 10:57	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		11/01/23 10:57	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 10:57	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 10:57	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 10:57	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 10:57	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 10:57	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 10:57	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 10:57	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 10:57	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 10:57	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 10:57	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 10:57	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 10:57	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 10:57	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 10:57	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 10:57	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/01/23 10:57	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		11/01/23 10:57	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		11/01/23 10:57	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: EBA20231020 **Lab ID: 40269964030** Collected: 10/20/23 08:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 11:16	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 11:16	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		11/01/23 11:16	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		11/01/23 11:16	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 11:16	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		11/01/23 11:16	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 11:16	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 11:16	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		11/01/23 11:16	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		11/01/23 11:16	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		11/01/23 11:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		11/01/23 11:16	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		11/01/23 11:16	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 11:16	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		11/01/23 11:16	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		11/01/23 11:16	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 11:16	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 11:16	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		11/01/23 11:16	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		11/01/23 11:16	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 11:16	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 11:16	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		11/01/23 11:16	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		11/01/23 11:16	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 11:16	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		11/01/23 11:16	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 11:16	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		11/01/23 11:16	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 11:16	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		11/01/23 11:16	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 11:16	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		11/01/23 11:16	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		11/01/23 11:16	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 11:16	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		11/01/23 11:16	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		11/01/23 11:16	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		11/01/23 11:16	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		11/01/23 11:16	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 11:16	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		11/01/23 11:16	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		11/01/23 11:16	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		11/01/23 11:16	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		11/01/23 11:16	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		11/01/23 11:16	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		11/01/23 11:16	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Sample: EBA20231020 **Lab ID: 40269964030** Collected: 10/20/23 08:00 Received: 10/21/23 08:40 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		11/01/23 11:16	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		11/01/23 11:16	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		11/01/23 11:16	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		11/01/23 11:16	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		11/01/23 11:16	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		11/01/23 11:16	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		11/01/23 11:16	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		11/01/23 11:16	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		11/01/23 11:16	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		11/01/23 11:16	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		11/01/23 11:16	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		11/01/23 11:16	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		11/01/23 11:16	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 11:16	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		11/01/23 11:16	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		11/01/23 11:16	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/01/23 11:16	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		11/01/23 11:16	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		11/01/23 11:16	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		11/01/23 11:16	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		11/01/23 11:16	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/01/23 11:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		11/01/23 11:16	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 305434
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175W Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964001, 40269964005

METHOD BLANK: 1461981 Matrix: Water
Associated Lab Samples: 40269964001, 40269964005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.90	5.0	10/27/23 09:59	
Ethene	ug/L	<0.79	5.0	10/27/23 09:59	
Methane	ug/L	<3.8	10.0	10/27/23 09:59	
Methyl-tert-butyl-ether-d3 (S)	%.	106	70-130	10/27/23 09:59	

LABORATORY CONTROL SAMPLE & LCSD: 1461982 1463234

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	243	276	285	114	117	70-130	3	20	
Ethene	ug/L	296	321	331	108	112	70-130	3	20	
Methane	ug/L	945	990	1030	105	109	70-130	4	20	
Methyl-tert-butyl-ether-d3 (S)	%.				90	102	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 305570
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175W Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964009

METHOD BLANK: 1462636 Matrix: Water
Associated Lab Samples: 40269964009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.90	5.0	10/30/23 18:09	
Ethene	ug/L	<0.79	5.0	10/30/23 18:09	
Methane	ug/L	<3.8	10.0	10/30/23 18:09	
Methyl-tert-butyl-ether-d3 (S)	%.	96	70-130	10/30/23 18:09	

LABORATORY CONTROL SAMPLE & LCSD: 1462637 1462638

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	243	231	207	95	85	70-130	11	20	
Ethene	ug/L	296	272	254	92	86	70-130	7	20	
Methane	ug/L	945	841	797	89	84	70-130	5	20	
Methyl-tert-butyl-ether-d3 (S)	%.				92	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 305908
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175W Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964013, 40269964016

METHOD BLANK: 1463908 Matrix: Water
Associated Lab Samples: 40269964013, 40269964016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.90	5.0	11/01/23 06:10	
Ethene	ug/L	<0.79	5.0	11/01/23 06:10	
Methane	ug/L	6.1J	10.0	11/01/23 06:10	
Methyl-tert-butyl-ether-d3 (S)	%.	200	70-130	11/01/23 06:10	S3

LABORATORY CONTROL SAMPLE: 1463909

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ethane	ug/L	243	237	97	70-130	
Ethene	ug/L	296	273	92	70-130	
Methane	ug/L	945	847	90	70-130	
Methyl-tert-butyl-ether-d3 (S)	%.			123	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1463910 1463911

Parameter	Units	60440186029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Ethane	ug/L	1.3J	243	243	194	198	79	81	70-130	2	20	
Ethene	ug/L	1.1J	296	296	218	223	73	75	70-130	2	20	
Methane	ug/L	370	945	945	687	699	33	35	70-130	2	20	M1
Methyl-tert-butyl-ether-d3 (S)	%.						97	95	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 305951
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175W Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964021, 40269964022

METHOD BLANK: 1464164 Matrix: Water
Associated Lab Samples: 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethane	ug/L	<0.90	5.0	10/31/23 17:20	
Ethene	ug/L	<0.79	5.0	10/31/23 17:20	
Methane	ug/L	<3.8	10.0	10/31/23 17:20	
Methyl-tert-butyl-ether-d3 (S)	%.	91	70-130	10/31/23 17:20	

LABORATORY CONTROL SAMPLE & LCSD: 1464165 1464166

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethane	ug/L	243	278	272	114	112	70-130	2	20	
Ethene	ug/L	296	322	321	109	108	70-130	0	20	
Methane	ug/L	945	1010	992	107	105	70-130	2	20	
Methyl-tert-butyl-ether-d3 (S)	%.				97	95	70-130			

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 305238
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175 CO2 in Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964001, 40269964005, 40269964009

METHOD BLANK: 1461123 Matrix: Water
Associated Lab Samples: 40269964001, 40269964005, 40269964009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	968J	1200	10/26/23 09:34	

LABORATORY CONTROL SAMPLE: 1461124

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon dioxide	ug/L	33800	30700	91	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1461125 1461126

Parameter	Units	40269725007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Carbon dioxide	ug/L	87900	33800	33800	103000	119000	44	91	70-130	14	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 306056
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175 CO2 in Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964013, 40269964016

METHOD BLANK: 1464646 Matrix: Water
Associated Lab Samples: 40269964013, 40269964016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<585	1200	11/01/23 14:58	

LABORATORY CONTROL SAMPLE & LCSD: 1464647 1464648

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon dioxide	ug/L	33800	36000	32600	107	97	70-130	10	20	

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 306057
QC Batch Method: RSK175
Analysis Method: RSK175
Analysis Description: BR RSK175 CO2 in Headspace
Laboratory: Pace Analytical Services - Baton Rouge
Associated Lab Samples: 40269964021, 40269964022

METHOD BLANK: 1464654 Matrix: Water
Associated Lab Samples: 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<585	1200	11/01/23 21:45	

LABORATORY CONTROL SAMPLE: 1464655

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon dioxide	ug/L	33800	34800	103	70-130	

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458608
QC Batch Method: EPA 6010D
Analysis Method: EPA 6010D
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964001, 40269964005, 40269964009, 40269964013, 40269964016, 40269964021, 40269964022

METHOD BLANK: 2633797 Matrix: Water
Associated Lab Samples: 40269964001, 40269964005, 40269964009, 40269964013, 40269964016, 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	10/26/23 17:10	
Manganese, Dissolved	ug/L	<1.1	5.0	10/26/23 17:10	

LABORATORY CONTROL SAMPLE: 2633798

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10500	105	80-120	
Manganese, Dissolved	ug/L	250	266	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2633799 2633800

Parameter	Units	40270017004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	0.82 mg/L	10000	10000	11000	11000	102	102	75-125	0	20	
Manganese, Dissolved	ug/L	34.6	250	250	285	281	100	99	75-125	1	20	

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458409
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964001, 40269964005, 40269964009, 40269964013, 40269964016, 40269964021, 40269964022

METHOD BLANK: 2632663 Matrix: Water
Associated Lab Samples: 40269964001, 40269964005, 40269964009, 40269964013, 40269964016, 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	10/25/23 19:36	
Manganese	ug/L	<1.5	5.0	10/25/23 19:36	

LABORATORY CONTROL SAMPLE: 2632664

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10100	101	80-120	
Manganese	ug/L	250	255	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2632665 2632666

Parameter	Units	40269762001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	292	10000	10000	10600	10500	103	102	75-125	1	20	
Manganese	ug/L	46.4	250	250	308	304	105	103	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458306
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964001, 40269964002, 40269964003, 40269964004, 40269964005, 40269964006, 40269964007, 40269964008, 40269964009, 40269964010, 40269964011, 40269964012, 40269964013, 40269964014, 40269964015, 40269964016

METHOD BLANK: 2632385
Matrix: Water
Associated Lab Samples: 40269964001, 40269964002, 40269964003, 40269964004, 40269964005, 40269964006, 40269964007, 40269964008, 40269964009, 40269964010, 40269964011, 40269964012, 40269964013, 40269964014, 40269964015, 40269964016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/26/23 09:28	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/26/23 09:28	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/26/23 09:28	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	10/26/23 09:28	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/26/23 09:28	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/26/23 09:28	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/26/23 09:28	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/26/23 09:28	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	10/26/23 09:28	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/26/23 09:28	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/26/23 09:28	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/26/23 09:28	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/26/23 09:28	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/26/23 09:28	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/26/23 09:28	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/26/23 09:28	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/26/23 09:28	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/26/23 09:28	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/26/23 09:28	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/26/23 09:28	
2,2-Dichloropropane	ug/L	<0.42	1.0	10/26/23 09:28	
2-Chlorotoluene	ug/L	<0.89	5.0	10/26/23 09:28	
4-Chlorotoluene	ug/L	<0.89	5.0	10/26/23 09:28	
Benzene	ug/L	<0.30	1.0	10/26/23 09:28	
Bromobenzene	ug/L	<0.36	1.0	10/26/23 09:28	
Bromochloromethane	ug/L	<0.36	1.0	10/26/23 09:28	
Bromodichloromethane	ug/L	<0.42	1.0	10/26/23 09:28	
Bromoform	ug/L	<0.43	1.0	10/26/23 09:28	
Bromomethane	ug/L	<1.2	5.0	10/26/23 09:28	
Carbon tetrachloride	ug/L	<0.37	1.0	10/26/23 09:28	
Chlorobenzene	ug/L	<0.86	1.0	10/26/23 09:28	
Chloroethane	ug/L	<1.4	5.0	10/26/23 09:28	
Chloroform	ug/L	<0.50	5.0	10/26/23 09:28	
Chloromethane	ug/L	<1.6	5.0	10/26/23 09:28	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/26/23 09:28	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	10/26/23 09:28	
Cyclohexane	ug/L	<1.3	5.0	10/26/23 09:28	

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(920)469-2436

QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

METHOD BLANK: 2632385 Matrix: Water

Associated Lab Samples: 40269964001, 40269964002, 40269964003, 40269964004, 40269964005, 40269964006, 40269964007, 40269964008, 40269964009, 40269964010, 40269964011, 40269964012, 40269964013, 40269964014, 40269964015, 40269964016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<2.6	5.0	10/26/23 09:28	
Dibromomethane	ug/L	<0.99	5.0	10/26/23 09:28	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/26/23 09:28	
Diisopropyl ether	ug/L	<1.1	5.0	10/26/23 09:28	
Ethylbenzene	ug/L	<0.33	1.0	10/26/23 09:28	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/26/23 09:28	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/26/23 09:28	
m&p-Xylene	ug/L	<0.70	2.0	10/26/23 09:28	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/26/23 09:28	
Methylcyclohexane	ug/L	<1.2	5.0	10/26/23 09:28	
Methylene Chloride	ug/L	<0.32	5.0	10/26/23 09:28	
n-Butylbenzene	ug/L	<0.86	1.0	10/26/23 09:28	
n-Heptane	ug/L	<1.6	5.0	10/26/23 09:28	
n-Hexane	ug/L	<1.5	5.0	10/26/23 09:28	
n-Propylbenzene	ug/L	<0.35	1.0	10/26/23 09:28	
Naphthalene	ug/L	<1.9	5.0	10/26/23 09:28	
o-Xylene	ug/L	<0.35	1.0	10/26/23 09:28	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/26/23 09:28	
sec-Butylbenzene	ug/L	<0.42	1.0	10/26/23 09:28	
Styrene	ug/L	<0.36	1.0	10/26/23 09:28	
tert-Butylbenzene	ug/L	<0.59	1.0	10/26/23 09:28	
Tetrachloroethene	ug/L	<0.41	1.0	10/26/23 09:28	
Toluene	ug/L	<0.29	1.0	10/26/23 09:28	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/26/23 09:28	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	10/26/23 09:28	
Trichloroethene	ug/L	<0.32	1.0	10/26/23 09:28	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/26/23 09:28	
Vinyl chloride	ug/L	<0.17	1.0	10/26/23 09:28	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	10/26/23 09:28	
4-Bromofluorobenzene (S)	%	104	70-130	10/26/23 09:28	
Toluene-d8 (S)	%	102	70-130	10/26/23 09:28	

LABORATORY CONTROL SAMPLE: 2632386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.8	102	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	49.8	100	70-130	
1,1,2-Trichloroethane	ug/L	50	43.9	88	70-130	
1,1-Dichloroethane	ug/L	50	52.2	104	70-130	
1,1-Dichloroethene	ug/L	50	51.1	102	73-140	
1,2,4-Trichlorobenzene	ug/L	50	43.6	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.1	94	58-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

LABORATORY CONTROL SAMPLE: 2632386

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	45.6	91	70-130	
1,2-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,2-Dichloroethane	ug/L	50	53.9	108	70-130	
1,2-Dichloropropane	ug/L	50	52.2	104	77-127	
1,3-Dichlorobenzene	ug/L	50	52.9	106	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	
Benzene	ug/L	50	53.3	107	70-130	
Bromodichloromethane	ug/L	50	53.0	106	70-130	
Bromoform	ug/L	50	42.1	84	70-130	
Bromomethane	ug/L	50	32.3	65	22-141	
Carbon tetrachloride	ug/L	50	50.3	101	70-135	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	50.6	101	59-141	
Chloroform	ug/L	50	54.1	108	80-124	
Chloromethane	ug/L	50	50.7	101	29-150	
cis-1,2-Dichloroethene	ug/L	50	50.3	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.8	94	70-130	
Cyclohexane	ug/L	50	49.2	98	50-150	
Dibromochloromethane	ug/L	50	41.2	82	70-130	
Dichlorodifluoromethane	ug/L	50	45.2	90	10-147	
Ethylbenzene	ug/L	50	55.4	111	80-125	
Isopropylbenzene (Cumene)	ug/L	50	53.0	106	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	48.3	97	64-131	
Methylcyclohexane	ug/L	50	47.7	95	50-150	
Methylene Chloride	ug/L	50	52.8	106	70-137	
o-Xylene	ug/L	50	53.8	108	70-130	
Styrene	ug/L	50	64.7	129	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-130	
Toluene	ug/L	50	53.3	107	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.4	103	70-131	
trans-1,3-Dichloropropene	ug/L	50	40.0	80	70-130	
Trichloroethene	ug/L	50	54.4	109	70-130	
Trichlorofluoromethane	ug/L	50	49.8	100	69-141	
Vinyl chloride	ug/L	50	44.5	89	51-145	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634093 2634094

Parameter	Units	40269964002 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	50.2	49.1	100	98	70-132	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	52.6	53.8	105	108	70-131	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634093 2634094

Parameter	Units	40269964002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,2-Trichloroethane	ug/L	<0.34	50	50	42.5	43.3	85	87	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.4	51.0	105	102	70-131	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50.5	49.6	101	99	69-146	2	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.5	46.2	89	92	70-130	4	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50.3	47.5	101	95	56-130	6	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	45.7	45.8	91	92	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.3	52.8	103	106	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	54.9	54.8	110	110	70-130	0	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	53.0	52.6	106	105	77-129	1	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.8	54.2	108	108	70-130	1	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.9	51.9	102	104	70-130	2	20	
Benzene	ug/L	<0.30	50	50	52.8	52.0	106	104	70-130	2	20	
Bromodichloromethane	ug/L	<0.42	50	50	52.9	52.8	106	106	70-130	0	20	
Bromoform	ug/L	<0.43	50	50	42.8	43.1	86	86	70-130	1	20	
Bromomethane	ug/L	<1.2	50	50	40.8	42.2	82	84	12-159	3	26	
Carbon tetrachloride	ug/L	<0.37	50	50	50.8	48.8	102	98	70-135	4	20	
Chlorobenzene	ug/L	<0.86	50	50	52.5	54.2	105	108	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	47.7	47.7	95	95	56-143	0	20	
Chloroform	ug/L	<0.50	50	50	53.7	53.3	107	107	80-126	1	20	
Chloromethane	ug/L	<1.6	50	50	48.2	46.8	96	94	22-156	3	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.7	51.3	101	103	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	46.1	47.1	92	94	70-130	2	20	
Cyclohexane	ug/L	<1.3	50	50	47.9	46.0	96	92	50-150	4	26	
Dibromochloromethane	ug/L	<2.6	50	50	41.3	41.8	83	84	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	41.2	39.2	82	78	10-147	5	20	
Ethylbenzene	ug/L	<0.33	50	50	54.9	54.2	110	108	80-126	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.5	51.5	107	103	70-130	4	20	
m&p-Xylene	ug/L	<0.70	100	100	109	105	109	105	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	49.5	49.2	99	98	64-136	1	20	
Methylcyclohexane	ug/L	<1.2	50	50	45.6	42.6	91	85	50-150	7	20	
Methylene Chloride	ug/L	<0.32	50	50	52.5	53.7	105	107	70-137	2	20	
o-Xylene	ug/L	<0.35	50	50	54.7	53.2	109	106	70-130	3	20	
Styrene	ug/L	<0.36	50	50	65.8	63.3	132	127	70-133	4	20	
Tetrachloroethene	ug/L	<0.41	50	50	51.2	49.0	102	98	70-131	5	20	
Toluene	ug/L	<0.29	50	50	53.7	53.0	107	106	80-121	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.8	51.0	106	102	70-135	3	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	40.9	42.1	82	84	70-130	3	20	
Trichloroethene	ug/L	<0.32	50	50	52.2	51.4	104	103	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	49.4	43.9	99	88	67-142	12	20	
Vinyl chloride	ug/L	<0.17	50	50	44.4	43.2	89	86	45-147	3	20	
1,2-Dichlorobenzene-d4 (S)	%						98	101	70-130			
4-Bromofluorobenzene (S)	%						104	105	70-130			
Toluene-d8 (S)	%						102	102	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458718
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964024, 40269964025, 40269964026, 40269964027, 40269964028

METHOD BLANK: 2634442 Matrix: Water
Associated Lab Samples: 40269964024, 40269964025, 40269964026, 40269964027, 40269964028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	10/27/23 08:35	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	10/27/23 08:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	10/27/23 08:35	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	10/27/23 08:35	
1,1-Dichloroethane	ug/L	<0.30	1.0	10/27/23 08:35	
1,1-Dichloroethene	ug/L	<0.58	1.0	10/27/23 08:35	
1,1-Dichloropropene	ug/L	<0.41	1.0	10/27/23 08:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	10/27/23 08:35	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	10/27/23 08:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	10/27/23 08:35	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	10/27/23 08:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	10/27/23 08:35	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	10/27/23 08:35	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	10/27/23 08:35	
1,2-Dichloroethane	ug/L	<0.29	1.0	10/27/23 08:35	
1,2-Dichloropropane	ug/L	<0.45	1.0	10/27/23 08:35	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	10/27/23 08:35	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	10/27/23 08:35	
1,3-Dichloropropane	ug/L	<0.30	1.0	10/27/23 08:35	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	10/27/23 08:35	
2,2-Dichloropropane	ug/L	<0.42	1.0	10/27/23 08:35	
2-Chlorotoluene	ug/L	<0.89	5.0	10/27/23 08:35	
4-Chlorotoluene	ug/L	<0.89	5.0	10/27/23 08:35	
Benzene	ug/L	<0.30	1.0	10/27/23 08:35	
Bromobenzene	ug/L	<0.36	1.0	10/27/23 08:35	
Bromochloromethane	ug/L	<0.36	1.0	10/27/23 08:35	
Bromodichloromethane	ug/L	<0.42	1.0	10/27/23 08:35	
Bromoform	ug/L	<0.43	1.0	10/27/23 08:35	
Bromomethane	ug/L	<1.2	5.0	10/27/23 08:35	
Carbon tetrachloride	ug/L	<0.37	1.0	10/27/23 08:35	
Chlorobenzene	ug/L	<0.86	1.0	10/27/23 08:35	
Chloroethane	ug/L	<1.4	5.0	10/27/23 08:35	
Chloroform	ug/L	<0.50	5.0	10/27/23 08:35	
Chloromethane	ug/L	<1.6	5.0	10/27/23 08:35	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	10/27/23 08:35	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	10/27/23 08:35	
Cyclohexane	ug/L	<1.3	5.0	10/27/23 08:35	
Dibromochloromethane	ug/L	<2.6	5.0	10/27/23 08:35	
Dibromomethane	ug/L	<0.99	5.0	10/27/23 08:35	
Dichlorodifluoromethane	ug/L	<0.46	5.0	10/27/23 08:35	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

METHOD BLANK: 2634442 Matrix: Water
Associated Lab Samples: 40269964024, 40269964025, 40269964026, 40269964027, 40269964028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	10/27/23 08:35	
Ethylbenzene	ug/L	<0.33	1.0	10/27/23 08:35	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	10/27/23 08:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	10/27/23 08:35	
m&p-Xylene	ug/L	<0.70	2.0	10/27/23 08:35	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	10/27/23 08:35	
Methylcyclohexane	ug/L	<1.2	5.0	10/27/23 08:35	
Methylene Chloride	ug/L	<0.32	5.0	10/27/23 08:35	
n-Butylbenzene	ug/L	<0.86	1.0	10/27/23 08:35	
n-Heptane	ug/L	<1.6	5.0	10/27/23 08:35	
n-Hexane	ug/L	<1.5	5.0	10/27/23 08:35	
n-Propylbenzene	ug/L	<0.35	1.0	10/27/23 08:35	
Naphthalene	ug/L	<1.9	5.0	10/27/23 08:35	
o-Xylene	ug/L	<0.35	1.0	10/27/23 08:35	
p-Isopropyltoluene	ug/L	<1.0	5.0	10/27/23 08:35	
sec-Butylbenzene	ug/L	<0.42	1.0	10/27/23 08:35	
Styrene	ug/L	<0.36	1.0	10/27/23 08:35	
tert-Butylbenzene	ug/L	<0.59	1.0	10/27/23 08:35	
Tetrachloroethene	ug/L	<0.41	1.0	10/27/23 08:35	
Toluene	ug/L	<0.29	1.0	10/27/23 08:35	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	10/27/23 08:35	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	10/27/23 08:35	
Trichloroethene	ug/L	<0.32	1.0	10/27/23 08:35	
Trichlorofluoromethane	ug/L	<0.42	1.0	10/27/23 08:35	
Vinyl chloride	ug/L	<0.17	1.0	10/27/23 08:35	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	10/27/23 08:35	
4-Bromofluorobenzene (S)	%	100	70-130	10/27/23 08:35	
Toluene-d8 (S)	%	100	70-130	10/27/23 08:35	

LABORATORY CONTROL SAMPLE: 2634443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.7	101	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	70-130	
1,1,2-Trichloroethane	ug/L	50	44.5	89	70-130	
1,1-Dichloroethane	ug/L	50	51.6	103	70-130	
1,1-Dichloroethene	ug/L	50	47.7	95	73-140	
1,2,4-Trichlorobenzene	ug/L	50	44.4	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	46.2	92	70-130	
1,2-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,2-Dichloroethane	ug/L	50	55.7	111	70-130	
1,2-Dichloropropane	ug/L	50	51.6	103	77-127	
1,3-Dichlorobenzene	ug/L	50	54.3	109	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

LABORATORY CONTROL SAMPLE: 2634443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	52.1	104	70-130	
Benzene	ug/L	50	51.2	102	70-130	
Bromodichloromethane	ug/L	50	53.1	106	70-130	
Bromoform	ug/L	50	44.9	90	70-130	
Bromomethane	ug/L	50	28.9	58	22-141	
Carbon tetrachloride	ug/L	50	50.3	101	70-135	
Chlorobenzene	ug/L	50	53.7	107	70-130	
Chloroethane	ug/L	50	44.0	88	59-141	
Chloroform	ug/L	50	53.4	107	80-124	
Chloromethane	ug/L	50	37.5	75	29-150	
cis-1,2-Dichloroethene	ug/L	50	49.7	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.4	91	70-130	
Cyclohexane	ug/L	50	46.1	92	50-150	
Dibromochloromethane	ug/L	50	43.8	88	70-130	
Dichlorodifluoromethane	ug/L	50	24.7	49	10-147	
Ethylbenzene	ug/L	50	54.4	109	80-125	
Isopropylbenzene (Cumene)	ug/L	50	52.0	104	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	45.9	92	64-131	
Methylcyclohexane	ug/L	50	43.7	87	50-150	
Methylene Chloride	ug/L	50	51.3	103	70-137	
o-Xylene	ug/L	50	52.1	104	70-130	
Styrene	ug/L	50	63.0	126	70-130	
Tetrachloroethene	ug/L	50	49.8	100	70-130	
Toluene	ug/L	50	54.2	108	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.2	100	70-131	
trans-1,3-Dichloropropene	ug/L	50	40.4	81	70-130	
Trichloroethene	ug/L	50	51.2	102	70-130	
Trichlorofluoromethane	ug/L	50	43.9	88	69-141	
Vinyl chloride	ug/L	50	37.1	74	51-145	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634998 2634999

Parameter	Units	40269964026 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	49.0	51.1	98	102	70-132	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	52.0	55.9	104	112	70-131	7	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	41.3	44.5	83	89	70-130	7	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	48.3	51.8	97	104	70-131	7	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	46.9	49.1	94	98	69-146	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	44.0	47.3	88	95	70-130	7	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634998 2634999

Parameter	Units	40269964026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	48.8	49.8	98	100	56-130	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	45.6	47.9	91	96	70-130	5	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.5	53.0	101	106	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	52.8	55.5	106	111	70-130	5	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	49.2	52.3	98	105	77-129	6	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.5	54.4	103	109	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.9	52.3	100	105	70-130	5	20	
Benzene	ug/L	<0.30	50	50	48.7	51.8	97	104	70-130	6	20	
Bromodichloromethane	ug/L	<0.42	50	50	51.6	53.2	103	106	70-130	3	20	
Bromoform	ug/L	<0.43	50	50	43.7	45.7	87	91	70-130	4	20	
Bromomethane	ug/L	<1.2	50	50	33.5	38.7	67	77	12-159	14	26	
Carbon tetrachloride	ug/L	<0.37	50	50	48.7	51.4	97	103	70-135	5	20	
Chlorobenzene	ug/L	<0.86	50	50	51.5	54.5	103	109	70-130	6	20	
Chloroethane	ug/L	<1.4	50	50	43.5	45.5	87	91	56-143	5	20	
Chloroform	ug/L	<0.50	50	50	50.9	54.0	102	108	80-126	6	20	
Chloromethane	ug/L	<1.6	50	50	36.3	36.7	73	73	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	46.8	50.1	94	100	70-130	7	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	43.4	45.9	87	92	70-130	5	20	
Cyclohexane	ug/L	<1.3	50	50	44.2	46.8	88	94	50-150	6	26	
Dibromochloromethane	ug/L	<2.6	50	50	41.2	43.9	82	88	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	23.3	24.4	47	49	10-147	5	20	
Ethylbenzene	ug/L	<0.33	50	50	52.1	55.2	104	110	80-126	6	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	49.8	52.8	100	106	70-130	6	20	
m&p-Xylene	ug/L	<0.70	100	100	102	106	102	106	70-130	4	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	44.3	46.9	89	94	64-136	6	20	
Methylcyclohexane	ug/L	<1.2	50	50	42.6	43.9	85	88	50-150	3	20	
Methylene Chloride	ug/L	<0.32	50	50	49.3	53.2	99	106	70-137	7	20	
o-Xylene	ug/L	<0.35	50	50	49.3	53.2	99	106	70-130	8	20	
Styrene	ug/L	<0.36	50	50	59.6	64.8	119	130	70-133	8	20	
Tetrachloroethene	ug/L	<0.41	50	50	48.8	50.1	98	100	70-131	3	20	
Toluene	ug/L	<0.29	50	50	51.7	54.0	103	108	80-121	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	48.6	50.9	97	102	70-135	5	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	38.0	41.4	76	83	70-130	8	20	
Trichloroethene	ug/L	<0.32	50	50	48.8	51.2	98	102	70-130	5	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	42.0	44.2	84	88	67-142	5	20	
Vinyl chloride	ug/L	<0.17	50	50	36.1	37.6	72	75	45-147	4	20	
1,2-Dichlorobenzene-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						101	105	70-130			
Toluene-d8 (S)	%						103	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458836
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964017, 40269964018, 40269964019, 40269964020, 40269964021, 40269964022, 40269964023, 40269964029, 40269964030

METHOD BLANK: 2635312
Matrix: Water
Associated Lab Samples: 40269964017, 40269964018, 40269964019, 40269964020, 40269964021, 40269964022, 40269964023, 40269964029, 40269964030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/01/23 09:12	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/01/23 09:12	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/01/23 09:12	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	11/01/23 09:12	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/01/23 09:12	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/01/23 09:12	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/01/23 09:12	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/01/23 09:12	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	11/01/23 09:12	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/01/23 09:12	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/01/23 09:12	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/01/23 09:12	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/01/23 09:12	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/01/23 09:12	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/01/23 09:12	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/01/23 09:12	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/01/23 09:12	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/01/23 09:12	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/01/23 09:12	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/01/23 09:12	
2,2-Dichloropropane	ug/L	<0.42	1.0	11/01/23 09:12	
2-Chlorotoluene	ug/L	<0.89	5.0	11/01/23 09:12	
4-Chlorotoluene	ug/L	<0.89	5.0	11/01/23 09:12	
Benzene	ug/L	<0.30	1.0	11/01/23 09:12	
Bromobenzene	ug/L	<0.36	1.0	11/01/23 09:12	
Bromochloromethane	ug/L	<0.36	1.0	11/01/23 09:12	
Bromodichloromethane	ug/L	<0.42	1.0	11/01/23 09:12	
Bromoform	ug/L	<0.43	1.0	11/01/23 09:12	
Bromomethane	ug/L	<1.2	5.0	11/01/23 09:12	
Carbon tetrachloride	ug/L	<0.37	1.0	11/01/23 09:12	
Chlorobenzene	ug/L	<0.86	1.0	11/01/23 09:12	
Chloroethane	ug/L	<1.4	5.0	11/01/23 09:12	
Chloroform	ug/L	<0.50	5.0	11/01/23 09:12	
Chloromethane	ug/L	<1.6	5.0	11/01/23 09:12	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/01/23 09:12	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	11/01/23 09:12	
Cyclohexane	ug/L	<1.3	5.0	11/01/23 09:12	
Dibromochloromethane	ug/L	<2.6	5.0	11/01/23 09:12	
Dibromomethane	ug/L	<0.99	5.0	11/01/23 09:12	

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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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

METHOD BLANK: 2635312 Matrix: Water

Associated Lab Samples: 40269964017, 40269964018, 40269964019, 40269964020, 40269964021, 40269964022, 40269964023, 40269964029, 40269964030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/01/23 09:12	
Diisopropyl ether	ug/L	<1.1	5.0	11/01/23 09:12	
Ethylbenzene	ug/L	<0.33	1.0	11/01/23 09:12	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/01/23 09:12	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/01/23 09:12	
m&p-Xylene	ug/L	<0.70	2.0	11/01/23 09:12	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/01/23 09:12	
Methylcyclohexane	ug/L	<1.2	5.0	11/01/23 09:12	
Methylene Chloride	ug/L	<0.32	5.0	11/01/23 09:12	
n-Butylbenzene	ug/L	<0.86	1.0	11/01/23 09:12	
n-Heptane	ug/L	<1.6	5.0	11/01/23 09:12	
n-Hexane	ug/L	<1.5	5.0	11/01/23 09:12	
n-Propylbenzene	ug/L	<0.35	1.0	11/01/23 09:12	
Naphthalene	ug/L	<1.9	5.0	11/01/23 09:12	
o-Xylene	ug/L	<0.35	1.0	11/01/23 09:12	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/01/23 09:12	
sec-Butylbenzene	ug/L	<0.42	1.0	11/01/23 09:12	
Styrene	ug/L	<0.36	1.0	11/01/23 09:12	
tert-Butylbenzene	ug/L	<0.59	1.0	11/01/23 09:12	
Tetrachloroethene	ug/L	<0.41	1.0	11/01/23 09:12	
Toluene	ug/L	<0.29	1.0	11/01/23 09:12	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/01/23 09:12	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	11/01/23 09:12	
Trichloroethene	ug/L	<0.32	1.0	11/01/23 09:12	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/01/23 09:12	
Vinyl chloride	ug/L	<0.17	1.0	11/01/23 09:12	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	11/01/23 09:12	
4-Bromofluorobenzene (S)	%	101	70-130	11/01/23 09:12	
Toluene-d8 (S)	%	100	70-130	11/01/23 09:12	

LABORATORY CONTROL SAMPLE: 2635313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.6	109	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	53.6	107	70-130	
1,1,2-Trichloroethane	ug/L	50	48.9	98	70-130	
1,1-Dichloroethane	ug/L	50	53.4	107	70-130	
1,1-Dichloroethene	ug/L	50	55.4	111	73-140	
1,2,4-Trichlorobenzene	ug/L	50	43.5	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	36.5	73	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	49.2	98	70-130	
1,2-Dichloroethane	ug/L	50	52.2	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

LABORATORY CONTROL SAMPLE: 2635313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	50.4	101	77-127	
1,3-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,4-Dichlorobenzene	ug/L	50	48.6	97	70-130	
Benzene	ug/L	50	52.8	106	70-130	
Bromodichloromethane	ug/L	50	51.3	103	70-130	
Bromoform	ug/L	50	46.3	93	70-130	
Bromomethane	ug/L	50	40.6	81	22-141	
Carbon tetrachloride	ug/L	50	55.0	110	70-135	
Chlorobenzene	ug/L	50	51.2	102	70-130	
Chloroethane	ug/L	50	51.7	103	59-141	
Chloroform	ug/L	50	55.9	112	80-124	
Chloromethane	ug/L	50	46.2	92	29-150	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.3	99	70-130	
Cyclohexane	ug/L	50	54.2	108	50-150	
Dibromochloromethane	ug/L	50	48.2	96	70-130	
Dichlorodifluoromethane	ug/L	50	51.4	103	10-147	
Ethylbenzene	ug/L	50	52.8	106	80-125	
Isopropylbenzene (Cumene)	ug/L	50	51.2	102	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	45.4	91	64-131	
Methylcyclohexane	ug/L	50	54.9	110	50-150	
Methylene Chloride	ug/L	50	51.5	103	70-137	
o-Xylene	ug/L	50	51.0	102	70-130	
Styrene	ug/L	50	56.6	113	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-130	
Toluene	ug/L	50	50.1	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	53.5	107	70-131	
trans-1,3-Dichloropropene	ug/L	50	41.4	83	70-130	
Trichloroethene	ug/L	50	49.2	98	70-130	
Trichlorofluoromethane	ug/L	50	55.5	111	69-141	
Vinyl chloride	ug/L	50	49.0	98	51-145	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637083 2637084

Parameter	Units	40269964017 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	56.5	59.0	113	118	70-132	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	53.5	57.8	107	116	70-131	8	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	49.5	53.7	99	107	70-130	8	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.0	56.2	108	112	70-131	4	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	55.2	57.5	110	115	69-146	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637083 2637084

Parameter	Units	40269964017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	43.2	45.9	86	92	70-130	6	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	37.5	42.4	75	85	56-130	12	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	47.3	52.5	95	105	70-130	10	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	48.6	51.1	97	102	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	55.2	58.5	110	117	70-130	6	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	51.8	53.5	104	107	77-129	3	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.3	53.0	103	106	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	49.5	50.6	99	101	70-130	2	20	
Benzene	ug/L	<0.30	50	50	53.0	55.2	106	110	70-130	4	20	
Bromodichloromethane	ug/L	<0.42	50	50	52.3	55.2	105	110	70-130	5	20	
Bromoform	ug/L	<0.43	50	50	48.5	54.3	97	109	70-130	11	20	
Bromomethane	ug/L	<1.2	50	50	47.3	48.3	95	97	12-159	2	26	
Carbon tetrachloride	ug/L	<0.37	50	50	56.9	59.6	114	119	70-135	5	20	
Chlorobenzene	ug/L	<0.86	50	50	53.1	55.1	106	110	70-130	4	20	
Chloroethane	ug/L	<1.4	50	50	52.6	57.2	105	114	56-143	8	20	
Chloroform	ug/L	<0.50	50	50	57.5	60.7	115	121	80-126	5	20	
Chloromethane	ug/L	<1.6	50	50	45.1	47.7	90	95	22-156	6	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	53.5	54.8	107	110	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	50.3	53.8	101	108	70-130	7	20	
Cyclohexane	ug/L	<1.3	50	50	54.5	56.1	109	112	50-150	3	26	
Dibromochloromethane	ug/L	<2.6	50	50	50.4	54.4	101	109	70-130	8	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	46.8	48.7	94	97	10-147	4	20	
Ethylbenzene	ug/L	<0.33	50	50	53.3	55.0	107	110	80-126	3	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.6	52.4	103	105	70-130	2	20	
m&p-Xylene	ug/L	<0.70	100	100	105	106	105	106	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	42.7	50.6	85	101	64-136	17	20	
Methylcyclohexane	ug/L	<1.2	50	50	55.9	56.7	112	113	50-150	1	20	
Methylene Chloride	ug/L	<0.32	50	50	52.2	54.4	104	109	70-137	4	20	
o-Xylene	ug/L	<0.35	50	50	51.9	53.5	104	107	70-130	3	20	
Styrene	ug/L	<0.36	50	50	58.3	61.1	117	122	70-133	5	20	
Tetrachloroethene	ug/L	<0.41	50	50	53.5	54.8	107	110	70-131	2	20	
Toluene	ug/L	<0.29	50	50	50.7	52.5	101	105	80-121	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50.8	56.3	102	113	70-135	10	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	44.3	47.4	89	95	70-130	7	20	
Trichloroethene	ug/L	<0.32	50	50	49.8	52.2	100	104	70-130	5	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	56.2	57.4	112	115	67-142	2	20	
Vinyl chloride	ug/L	<0.17	50	50	48.8	49.4	98	99	45-147	1	20	
1,2-Dichlorobenzene-d4 (S)	%						94	98	70-130			
4-Bromofluorobenzene (S)	%						94	96	70-130			
Toluene-d8 (S)	%						99	100	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 459278
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: 40269964001

METHOD BLANK: 2637799 Matrix: Water
Associated Lab Samples: 40269964001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/04/23 11:36	

LABORATORY CONTROL SAMPLE: 2637800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.7	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637801 2637802

Parameter	Units	40269426003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	62.6J	2000	2000	2190	2050	106	99	90-110	7	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637803 2637804

Parameter	Units	40269964001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	9.5	20	20	31.5	31.6	110	111	90-110	0	15	M0

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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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 459286 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964005, 40269964009, 40269964013, 40269964016, 40269964021, 40269964022

METHOD BLANK: 2637835 Matrix: Water
Associated Lab Samples: 40269964005, 40269964009, 40269964013, 40269964016, 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/06/23 10:45	

LABORATORY CONTROL SAMPLE: 2637836

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2637837 2637838

Parameter	Units	40269964005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	4.7	20	20	24.6	24.9	100	101	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: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458521
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: 40269964001, 40269964005, 40269964009

METHOD BLANK: 2633201 Matrix: Water
Associated Lab Samples: 40269964001, 40269964005, 40269964009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/25/23 13:50	

LABORATORY CONTROL SAMPLE: 2633202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	109	109	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2633203 2633204

Parameter	Units	40269964001 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	439	200	200	638	628	100	95	90-110	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458935
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: 40269964013

METHOD BLANK: 2636185 Matrix: Water
Associated Lab Samples: 40269964013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/31/23 10:22	

LABORATORY CONTROL SAMPLE: 2636186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	99.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636187 2636188

Parameter	Units	40269928055 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	316	200	200	510	509	97	96	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636189 2636190

Parameter	Units	40269964013 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	592	200	200	778	776	93	92	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458936
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: 40269964016, 40269964021, 40269964022

METHOD BLANK: 2636191 Matrix: Water
Associated Lab Samples: 40269964016, 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/31/23 10:54	

LABORATORY CONTROL SAMPLE: 2636192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	99.9	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636193 2636194

Parameter	Units	40269964016 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	538	200	200	721	719	91	90	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2636238 2636239

Parameter	Units	40270186002 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	363	100	100	460	462	97	99	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458660 — Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 — Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964001, 40269964005, 40269964009, 40269964013

METHOD BLANK: 2634042 — Matrix: Water
Associated Lab Samples: 40269964001, 40269964005, 40269964009, 40269964013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	10/26/23 15:07	

LABORATORY CONTROL SAMPLE: 2634043

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634044 — 2634045

Parameter	Units	40269838023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	0.082J	2.5	2.5	2.6	2.6	101	100	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634046 — 2634047

Parameter	Units	40269964013 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.5	2.5	101	98	90-110	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

QC Batch: 458661
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40269964016, 40269964021, 40269964022

METHOD BLANK: 2634048 Matrix: Water
Associated Lab Samples: 40269964016, 40269964021, 40269964022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	10/26/23 15:31	

LABORATORY CONTROL SAMPLE: 2634049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634050 2634051

Parameter	Units	40269964016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	8.9	5	5	13.9	13.6	99	95	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2634052 2634053

Parameter	Units	40270080001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.25	2.5	2.5	2.5	2.4	99	97	90-110	2	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 305908

[1] Surrogate recovery criteria failed for CCV's in batch 305908.

[2] The closing CCV failed Recovery criteria for target analytes. Due to limited sample volume data is being reported.

Batch: 306057

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269964001	**MW-17-20**	RSK175	305434		
40269964005	**MW-02-25**	RSK175	305434		
40269964009	**MW-10-32**	RSK175	305570		
40269964013	**MW-14-31**	RSK175	305908		
40269964016	**MW-06-32**	RSK175	305908		
40269964021	**MW-01-32**	RSK175	305951		
40269964022	**MW-101-32**	RSK175	305951		
40269964001	**MW-17-20**	RSK175	305238		
40269964005	**MW-02-25**	RSK175	305238		
40269964009	**MW-10-32**	RSK175	305238		
40269964013	**MW-14-31**	RSK175	306056		
40269964016	**MW-06-32**	RSK175	306056		
40269964021	**MW-01-32**	RSK175	306057		
40269964022	**MW-101-32**	RSK175	306057		
40269964001	**MW-17-20**	EPA 3010A	458409	EPA 6010D	458537
40269964005	**MW-02-25**	EPA 3010A	458409	EPA 6010D	458537
40269964009	**MW-10-32**	EPA 3010A	458409	EPA 6010D	458537
40269964013	**MW-14-31**	EPA 3010A	458409	EPA 6010D	458537
40269964016	**MW-06-32**	EPA 3010A	458409	EPA 6010D	458537
40269964021	**MW-01-32**	EPA 3010A	458409	EPA 6010D	458537
40269964022	**MW-101-32**	EPA 3010A	458409	EPA 6010D	458537
40269964001	**MW-17-20**	EPA 6010D	458608		
40269964005	**MW-02-25**	EPA 6010D	458608		
40269964009	**MW-10-32**	EPA 6010D	458608		
40269964013	**MW-14-31**	EPA 6010D	458608		
40269964016	**MW-06-32**	EPA 6010D	458608		
40269964021	**MW-01-32**	EPA 6010D	458608		
40269964022	**MW-101-32**	EPA 6010D	458608		
40269964001	**MW-17-20**	EPA 8260	458306		
40269964002	**MW-08-27**	EPA 8260	458306		
40269964003	**MW-05-30**	EPA 8260	458306		
40269964004	**MW-02-55**	EPA 8260	458306		
40269964005	**MW-02-25**	EPA 8260	458306		
40269964006	**MW-03-25**	EPA 8260	458306		
40269964007	**MW-04-29**	EPA 8260	458306		
40269964008	**MW-16-29**	EPA 8260	458306		
40269964009	**MW-10-32**	EPA 8260	458306		
40269964010	**MW-07-32**	EPA 8260	458306		
40269964011	**MW-15-32**	EPA 8260	458306		
40269964012	**MW-12-31**	EPA 8260	458306		
40269964013	**MW-14-31**	EPA 8260	458306		
40269964014	**MW-141-31**	EPA 8260	458306		
40269964015	**MW-11-32**	EPA 8260	458306		
40269964016	**MW-06-32**	EPA 8260	458306		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705C-03.SUB L13 MP312
Pace Project No.: 40269964

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40269964017	**MW-13-33**	EPA 8260	458836		
40269964018	**MW-07-60**	EPA 8260	458836		
40269964019	**MW-06-60**	EPA 8260	458836		
40269964020	**MW-06-100**	EPA 8260	458836		
40269964021	**MW-01-32**	EPA 8260	458836		
40269964022	**MW-101-32**	EPA 8260	458836		
40269964023	**MW-09-60**	EPA 8260	458836		
40269964024	**MW-01-63**	EPA 8260	458718		
40269964025	**MW-101-63**	EPA 8260	458718		
40269964026	**MW-05-60**	EPA 8260	458718		
40269964027	**MW-09-33**	EPA 8260	458718		
40269964028	**TB20231020**	EPA 8260	458718		
40269964029	**EBA20231019**	EPA 8260	458836		
40269964030	**EBA20231020**	EPA 8260	458836		
40269964001	**MW-17-20**	EPA 300.0	459278		
40269964005	**MW-02-25**	EPA 300.0	459286		
40269964009	**MW-10-32**	EPA 300.0	459286		
40269964013	**MW-14-31**	EPA 300.0	459286		
40269964016	**MW-06-32**	EPA 300.0	459286		
40269964021	**MW-01-32**	EPA 300.0	459286		
40269964022	**MW-101-32**	EPA 300.0	459286		
40269964001	**MW-17-20**	EPA 310.2	458521		
40269964005	**MW-02-25**	EPA 310.2	458521		
40269964009	**MW-10-32**	EPA 310.2	458521		
40269964013	**MW-14-31**	EPA 310.2	458935		
40269964016	**MW-06-32**	EPA 310.2	458936		
40269964021	**MW-01-32**	EPA 310.2	458936		
40269964022	**MW-101-32**	EPA 310.2	458936		
40269964001	**MW-17-20**	EPA 353.2	458660		
40269964005	**MW-02-25**	EPA 353.2	458660		
40269964009	**MW-10-32**	EPA 353.2	458660		
40269964013	**MW-14-31**	EPA 353.2	458660		
40269964016	**MW-06-32**	EPA 353.2	458661		
40269964021	**MW-01-32**	EPA 353.2	458661		
40269964022	**MW-101-32**	EPA 353.2	458661		

CHAIN-OF-CUSTODY RECORD

WSP Office Address	5957 McKee Road, Suite 7, Madison, WI 53719
Project Name	L13 MP 312 Valve Site
WSP Contact Name	Tim Huff
Project Location	Ft Atkinson, WI
WSP Contact E-mail	tim huff@wsp.com
Project Number & Task	31401967.705C - 03.SUB
WSP Contact Phone	571-217-6759
Sampler(s) Name(s)	Timothy Babb Tori Hunter
Sampler(s) Signature(s)	Victoria Hunter

Requested Analyses & Preservatives

Sample Identification	Matrix	Collection Start* Date	Collection Start* Time	Collection Stop* Date	Collection Stop* Time	Number of Containers	VOCs (EPA Method 8260)	Nitrate+Nitrate by 353.2	Alkalinity (310.2) + Sulfate (300.0)	Total Fe/Mn by 6010	Diss. Fe/Mn by RSK175	Carbon Dioxide by RSK175	Methane, Ethene, Ethane				Sample Comments
MW-17-20	W	10/16/23	1442	—	—	13	X	X	X	X	X	X	X				001
MW-08-27	W	10/16/23	1635	—	—	3	X										002
MW-05-30	W	10/16/23	1636	—	—	3	X										003
MW-02-55	W	10/16/23	1443	—	—	3	X										004
MW-02-25	W	10/16/23	1315	—	—	13	X	X	X	X	X	X	X				005
MW-03-25	W	10/17/23	0935	—	—	3	X										006
MW-04-29	W	10/17/23	1035	—	—	3	X										007
MW-16-29	W	10/17/23	1200	—	—	3	X										008
MW-10-32	W	10/17/23	1640	—	—	13	X	X	X	X	X	X	X				009
MW-07-32	W	10/18/23	1615	—	—	3	X										010
MW-15-32	W	10/18/23	1037	—	—	3	X										011
MW-12-31	W	10/18/23	1219	—	—	3	X										012
MW-14-31	W	10/18/23	1410	—	—	13	X	X	X	X	X	X	X				013
MW-141-31	W	10/18/23	1200	—	—	3	X										014
MW-11-32	W	10/18/23	1130	—	—	3	X										015

Relinquished By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Shipment Method**	**Tracking Number(s)**
Babb	10/20/23	1525				CS Logistics - PACE courier	NA
Relinquished By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Number of Packages**	**Custody Seal Number(s)**
CS Logistics	10/21/2023	08:40	Matt Tomsombreck PACE	10/21/2023	08:40	2	NA

No 10269964 WSP

Laboratory Name & Location: Pace Analytical - Green Bay, WI

Laboratory Project Manager: Dan Milewsky

Requested Turn-Around-Time: [X] Standard [ ] 24 HR [ ] 48 HR [ ] 72 HR [ ] ____ HR

Requested Deliverable: [X] Level II [ ] ERIMS EDD [ ] Level III [X] GISKEY EDD [ ] Level IV [ ] EQUIS EDD

*Use stop time/date for composite and/or air samples; use only start time/date for all other samples.

Matrix: AQ = Aqueous, S = Soil, SE = Sediment, A = Air, W = Wipe, B = Bulk, O = Other (detail in comments)

CHAIN-OF-CUSTODY RECORD

WSP Office Address	5957 McKee Road, Suite 7, Madison, WI 53719
Project Name	L13 MP 312 Valve Site
WSP Contact Name	Tim Huff
Project Location	Ft Atkinson, WI
WSP Contact E-mail	tim.huff@wsp.com
Project Number & Task	31401967.705C - 03.SUB
WSP Contact Phone	571-217-6759
Sampler(s) Name(s)	Timothy Babb; Tori Hunter
Sampler(s) Signature(s)	[signature]; Victoria Hunter
No.	40269964 WSP
Laboratory Name & Location	Pace Analytical - Green Bay, WI
Laboratory Project Manager	Dan Milewsky
Requested Turn-Around-Time	[X] Standard [ ] 24 HR [ ] 48 HR [ ] 72 HR [ ] ___ HR
Requested Deliverable	[X] Level II [ ] Level III [ ] Level IV [ ] ERIMS EDD [X] GISKEY EDD [ ] EQUIS EDD

Requested Analyses & Preservatives

Sample Identification	Matrix	Collection Start* Date	Collection Start* Time	Collection Stop* Date	Collection Stop* Time	Number of Containers	VOCs (EPA Method 8260)	Nitrate+Nitrite by 353.2	Alkalinity (210.2) + Sulfate (300.0)	Total Fe/Mn by 6010	Diss Fe/Mn by RSK175	Carbon Dioxide by RSK175	Methane, Ethene & Ethane				Sample Comments
MW-06-32	W	10/18/23	0935	–	–	13	X	X	X	X	X	X	X				016
MW-13-33	W	10/18/23	1425	–	–	3	X										017
MW-07-60	W	10/19/23	0925	–	–	3	X										018
MW-06-60	W	10/19/23	1212	–	–	3	X										019
MW-06-100	W	10/19/23	1035	–	–	3	X										020
MW-01-32	W	10/19/23	1430	–	–	13	X	X	X	X	X	X	X				021
MW-101-32	W	10/19/23	1200	–	–	13	X	X	X	X	X	X	X				022
MW-09-60	W	10/19/23	1705	–	–	3	X										023
MW-01-63	W	10/19/23	1430	–	–	3	X										024
MW-101-63	W	10/19/23	1200	–	–	3	X										025
MW-05-60	W	10/20/23	1015	–	–	3	X										026
MW-09-33	W	10/20/23	0855	–	–	3	X										027
TB20231020	W	10/20/23	0000	–	–	2	X										028
EBA20231019	W	10/19/23	0800	–	–	3	X										029
EBB20231020	W	10/20/23	0800	–	–	3	X										030

Relinquished By (Signature)	Date	Time	Received By (Signature)	Date	Time	Shipment Method	Tracking Number(s)
[signature]	10/20/23					CS Logistics	N/A
Relinquished By (Signature)	**Date**	**Time**	**Received By (Signature)**	**Date**	**Time**	**Number of Packages**	**Custody Seal Number(s)**
CS Logistics	10/21/2023	08:40	Matt VandenLangenberg (Pace)	10/21/2023	08:40	2	N/A

*Use stop time/date for composite and/or air samples; use only start time/date for all other samples.

Matrix: AQ = Aqueous, S = Soil, SE = Sediment, A = Air, W = Wipe, B = Bulk, O = Other (detail in comments)

Sample Preservation Receipt Form

Client Name: WSP Project # 402699464

All containers needing preservation have been checked and noted below. ☑Yes ☐No ☐N/A Initial when completed: MVR Date/Time:

Lab Lot# of pH paper: 10D2723 Lab Std #ID of preservation (if pH adjusted):

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

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

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

Sample Preservation Receipt Form

Client Name: WSP Project #: 40269964

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
021									1		2	1				WU	6												X			X		2.5 / 5
022									1		2	1				WU	6												X			X		2.5 / 5
023																	WU																	2.5 / 5
024																	WU											2						2.5 / 5
025																	WU											1						2.5 / 5
026																	WU																	2.5 / 5
027																	WU																	2.5 / 5
028																	WU																	2.5 / 5
029																	WU																	2.5 / 5
030																	WU																	2.5 / 5
031																																		2.5 / 5
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045																																		2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

10/21/2023

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40269964

40269964

Client Name: WSP

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 - 131, 131 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 1.0, 1.0 /Corr: 0.5, 0.5

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: 10/21/2023 Initials: MMR

Labeled By Initials: SG

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- DI VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD: ☐Yes ☑No ☐N/A		8.
Correct Containers Used:	☑Yes ☐No	9.
Correct Type: (Pace Green Bay) Pace IR, Non-Pace		
Containers Intact:	☑Yes ☐No	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☑Yes ☐No ☐N/A	12.
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 508		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

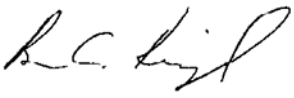
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

Page 3 of 3

ENCLOSURE B – HYDROGEOLOGIST CERTIFICATION

Monitoring Well Sampling Results – Q4 2023
Enbridge Line 13 MP 312 Valve Site
Blackhawk Island Road
Fort Atkinson, Wisconsin
BRRTS Number: 02-28-586199

I, Brian C. Kimpel, 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.



November 28, 2023

Brian C. Kimpel,
Supervisory Hydrogeologist, Wisconsin P.G. #1140

Date