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

August 8, 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 – Q3 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 July 10 and 12, 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 25 monitoring wells at the Site between July 10 and 12, 2023. The well locations are shown on Figure 1. 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, three 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 6020)
- 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 and an equipment blank sample, which were 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 July 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 samples collected from monitoring wells MW-01-32 (11,100 µg/l), MW-10-32 (135 µg/l), MW-14-31 (37.5 µg/l), and MW-18-31 (14,600 µg/l). Benzene was not detected at concentrations above the ES or the PAL of 0.5 µg/l in 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 monitoring wells MW-01-32 (168 µg/l) and MW-18-31 (222 µg/l). Toluene was detected at concentrations above the ES of 800 µg/l in the samples collected from monitoring wells MW-01-32 (3,560 µg/l) and MW-18-31 (2,710 µg/l). Total xylenes were detected at concentrations above the PAL of 400 µg/l in the samples collected from monitoring wells MW-01-32 (468 µg/l) and MW-18-31 (717 µg/l).

Trichloroethene was detected at a concentration above the ES of 5.0 µg/l in the sample collected at MW-06-60 (16.3 µg/l) and above the PAL (0.5 µg/l) in the sample collected at MW-06-32 (2.5 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-18-31 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 July 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\2023-08 mw sampling results to wdnr (q3)\2023.08.08_line13 mp312_monitoring well sampling results q3 2023.docx

Encl.

FIGURE

R:\ACAD\CADD_CLIENT\Enbridge\31406019.705C\CAD\314V6019.705C-015.dwg 8/2/2023 1:33 PM USEC01012

B

Macleod

MICHAEL MACLEOD
016-0514-0823-002

TRI-STATE
HOLDINGS LLC
016-0514-0824-003

RUSSELL O HARTWIG
016-0514-0823-000

Westphal Ln

Blackhawk Island Rd

Line 6A
Line 14
Line 13
Line 61

SB-26 <0.40
SB-25 <0.40
SB-14 <0.40
SB-6 <0.40
SB-2 <0.40
SB-27 <0.40
SB-19 <0.40
SB-1 16
SB-7 68
SB-18 2.6
SB-15 6.9
SB-20 <0.40
SB-5 3,800
SB-16 <0.40
SB-4 <0.40
SB-8 800
SB-17 <0.40
SB-9 6.1
SB-23 <0.40
SB-22 0.46
SB-12 2.2
SB-10 26
SB-21 <0.40
SB-13 3.2
SB-11 <0.40
SB-24 <0.40

MW-02-25 <0.30
MW-02-55 <0.30
MW-03-25 <0.30
MW-17-20 <0.30
MW-14-31 37.5
MW-04-29 <0.30
MW-01-32 11,100
MW-01-63 <0.30
MW-18-31 14,600
MW-10-32 135
MW-11-32 0.48 J
MW-05-60 <0.30
MW-05-30 <0.30
MW-08-27 <0.30
MW-16-29 <0.30
MW-06-32 <0.30
MW-06-60 <0.30
MW-06-100 <0.30
MW-07-60 <0.30
MW-07-32 <0.30
MW-09-33 <0.30
MW-09-60 <0.30
MW-12-31 <0.30
MW-15-32 <0.30
MW-13-33 0.66 J

RW-1 RW-2 RW-3 RW-4 RW-5 RW-6 RW-7 RW-8 RW-9 RW-10 RW-11
B-1 270

Benzene
Isoconcentration (µg/l)
19200
18400
17600
16800
16000
15200
14400
13600
12800
12000
11200
10400
9600
8800
8000
7200
6400
5600
4800
4000
3200
2400
1600
800
0.5

N

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

Legend
- Approximate Release Location
- Monitoring Well
- Remediation 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 (JULY 2023)

LINE 13 MP 312 VALVE SITE
FORT ATKINSON, WISCONSIN

PREPARED FOR
ENBRIDGE ENERGY LIMITED PARTNERSHIP

Drawn By: EGC
Checked:
Approved: TAH 8/2/2023
DWG Name: 314V6019.705C-015

TABLES

Table 1

Monitoring Well Sampling Analytical Results - July 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	07/11/23	***11,100***	*168*	***3,560***	*468 J*	771	<183	178 J	<141	<56.1	<40.0
	Duplicate	***13,000***	*194*	***4,410***	*555*	894	<146	208 J	<113	<44.9	<32.0
MW-01-63	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-02-25	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-02-55	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-03-25	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-04-29	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-05-30	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-05-60	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-06-32	07/11/23	*<0.30*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	*2.5*
MW-06-60	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	***16.3***
MW-06-100	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-07-32	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-07-60	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-08-27	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-09-33	07/12/23	<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 - July 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	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-10-32	07/11/23	***135***	<0.33	<0.29	<1.05	3.2 J	<1.5	1.9 J	9.8	<0.45	<0.32
MW-11-32	07/12/23	*0.48 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-12-31	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-13-33	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-14-31	07/11/23	***37.5***	<0.33	<0.29	1.08 J	1.9 J	<1.5	2.8 J	<1.1	<0.45	<0.32
	Duplicate	***38.6***	<0.33	<0.29	1.14 J	1.6 J	<1.5	2.6 J	<1.1	<0.45	<0.32
MW-15-32	07/10/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-16-29	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-17-20	07/11/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
MW-18-31	07/11/23	***14,600***	*222*	***2,710***	*717*	964	<146	231 J	<113	*72.9 J*	<32.0
	Duplicate	***10,300***	*155*	***1,830***	*498.5*	366	<73.1	99.9 J	<56.5	*53.5*	<16.0
TB71223A	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
TB71223B	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
EB71223A	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
EB71223B	07/12/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32
EB71223C	07/12/23	<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 - July 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 Monitoring Well Sampling Results for Compounds of Concern
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-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***	*478 J*	771	<183	178 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	<1.0	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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	<1.0	<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
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	<1.0	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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	<1.0	<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
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	<1.0	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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	<1.0	<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
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	<1.0	<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	<0.30	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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	<1.0	<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*
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	<1.0	<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	<0.29	<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***

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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
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	<1.0	<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
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	<1.0	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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-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	<1.0	<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
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	<1.0	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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-09-60	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	<1.0	<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	<0.35	<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
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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-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	<1.0	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
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	<1.0	<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
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	<1.0	<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	<0.35	<1.3	<1.5	<1.2	<1.1	<0.32
	07/12/23	<0.30	<0.33	0.45 J	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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
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	<1.0	<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
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	<1.0	<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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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-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	<1.0	<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
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

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. VRSL for TCE is equal to the ES (5 ug/l).

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

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 - July 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	07/10/23	<3.8	<0.90	<0.79	92,400	<56.7	<29.6	<1.5	<1.1	454	0.64	5.1
MW-17-20	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
Source Area Locations												
MW-01-32	07/11/23	88	<0.90	<0.79	172,000	***9,370***	***9,630***	***183***	***178***	539	<0.059	<0.44
	07/11/23 - Duplicate	160	<0.90	<0.79	174,000	***9,620***	***9,660***	***186***	***184***	526	<0.059	0.56 J
MW-14-31	07/11/23	160	<0.90	<0.79	892,000	***4,970***	***5,060***	***521***	***512***	632	<0.059	13.5
Downgradient Locations												
MW-06-32	07/11/23	<3.8	<0.90	<0.79	177,000	<56.7	<29.6	31.3	25.7	560	7.9	27.4
MW-10-32	07/11/23	19	<0.90	<0.79	72,400	***1,470***	***1,490***	***694***	***707***	442	0.22 J	8.4

Table 3

Monitoring Well Sampling Analytical Results - July 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	07/10/23	8	8.00	0.794	0.0	6.34	15.13	198	Clear	None
MW-17-20	07/11/23	6.0	7.17	0.816	0.0	5.74	15.59	95	Clear	None
Source Area Locations										
MW-01-32	07/11/23	12	6.92	0.996	27.4	5.44	20.75	-57	Clear	None
	07/11/23 - Duplicate	-	-	-	-	-	-	-	-	-
MW-14-31	07/11/23	9	6.56	1.14	0.0	3.30	17.03	-40	Clear	None
Downgradient Locations										
MW-06-32	07/11/23	12.5	6.92	1.12	1.3	0.81	16.37	94	Clear	None
MW-10-32	07/11/23	9	6.10	0.981	0.0	1.06	18.91	-57	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	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)	
		MNA Parameters											
	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	
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	
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	
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	

Table 4

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

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)	
		MNA Parameters											
	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	
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	

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
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
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
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

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
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

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 (°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-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
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

Table 5

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

Well ID	Sample Date	Field Parameters (Final Reading)								
		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
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

Table 5

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

Well ID	Sample Date	Field Parameters (Final Reading)								
		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
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

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
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

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
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

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-06-100	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
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
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

Table 5

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

Well ID	Sample Date	Field Parameters (Final Reading)								
		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
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

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
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
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

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-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
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
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

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-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
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
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

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

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or comm

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 dat

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

July 28, 2023

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

RE: Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 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 Gulf Coast
- 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
Joe Kiel, WSP USA - MADISON

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

CERTIFICATIONS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

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 Gulf Coast
7979 Innovation Park Drive, Baton Rouge, LA 70820
Arkansas Certification #: 88-0655
DoD ELAP Certification #: 6429-01
Florida Certification #: E87854
Illinois Certification #: 004585
Kansas Certification #: E-10354
Louisiana/LELAP Certification #: 01955
North Carolina Certification #: 618
North Dakota Certification #: R-195
Oklahoma Certification #: 2019-101
South Carolina Certification #: 73006001
Texas Certification #: T104704178-19-11
USDA Soil Permit # P330-19-00209
Virginia Certification #: 460215
Washington Certification #: C929

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

SAMPLE SUMMARY

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40265030001	**MW-02-25**	Water	07/10/23 10:55	07/13/23 08:45
40265030002	**MW-12-31**	Water	07/10/23 13:25	07/13/23 08:45
40265030003	**MW-02-55**	Water	07/10/23 13:55	07/13/23 08:45
40265030004	**MW-03-25**	Water	07/10/23 14:55	07/13/23 08:45
40265030005	**MW-04-29**	Water	07/10/23 16:10	07/13/23 08:45
40265030006	**MW-15-32**	Water	07/10/23 16:45	07/13/23 08:45
40265030007	**MW-14-31**	Water	07/11/23 08:00	07/13/23 08:45
40265030008	**MW-141-31**	Water	07/11/23 07:00	07/13/23 08:45
40265030009	**MW-10-32**	Water	07/11/23 08:30	07/13/23 08:45
40265030010	**MW-17-20**	Water	07/11/23 08:55	07/13/23 08:45
40265030011	**MW-01-32**	Water	07/11/23 10:30	07/13/23 08:45
40265030012	**MW-101-32**	Water	07/11/23 07:00	07/13/23 08:45
40265030013	**MW-16-29**	Water	07/11/23 11:10	07/13/23 08:45
40265030014	**MW-01-63**	Water	07/11/23 12:10	07/13/23 08:45
40265030015	**MW-05-30**	Water	07/11/23 13:02	07/13/23 08:45
40265030016	**MW-06-100**	Water	07/11/23 13:15	07/13/23 08:45
40265030017	**MW-08-27**	Water	07/11/23 14:10	07/13/23 08:45
40265030018	**MW-06-60**	Water	07/11/23 14:15	07/13/23 08:45
40265030019	**MW-06-32**	Water	07/11/23 15:30	07/13/23 08:45
40265030020	**MW-18-31**	Water	07/11/23 16:15	07/13/23 08:45
40265030021	**MW-118-31**	Water	07/11/23 17:00	07/13/23 08:45
40265030022	**MW-05-60**	Water	07/12/23 08:50	07/13/23 08:45
40265030023	**MW-09-60**	Water	07/12/23 10:15	07/13/23 08:45
40265030024	**MW-13-33**	Water	07/12/23 10:25	07/13/23 08:45
40265030025	**MW-07-60**	Water	07/12/23 11:35	07/13/23 08:45
40265030026	**MW-07-32**	Water	07/12/23 12:05	07/13/23 08:45
40265030027	**MW-11-32**	Water	07/12/23 13:15	07/13/23 08:45
40265030028	**MW-09-33**	Water	07/12/23 14:15	07/13/23 08:45
40265030029	**EB71223A**	Water	07/12/23 14:00	07/13/23 08:45
40265030030	**EB71223B**	Water	07/12/23 14:05	07/13/23 08:45
40265030031	**EB71223C**	Water	07/12/23 14:10	07/13/23 08:45
40265030032	**TB71223A**	Water	07/12/23 00:00	07/13/23 08:45
40265030033	**TB71223B**	Water	07/12/23 00:00	07/13/23 08:45

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

SAMPLE ANALYTE COUNT

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265030001	**MW-02-25**	RSK-175	BDP	4	GCLA
		RSK-175	BDP	1	GCLA
		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
40265030002	**MW-12-31**	EPA 8260	EIB	68	PASI-G
40265030003	**MW-02-55**	EPA 8260	EIB	68	PASI-G
40265030004	**MW-03-25**	EPA 8260	EIB	68	PASI-G
40265030005	**MW-04-29**	EPA 8260	EIB	68	PASI-G
40265030006	**MW-15-32**	EPA 8260	EIB	68	PASI-G
40265030007	**MW-14-31**	RSK-175	BDP	4	GCLA
		RSK-175	BDP	1	GCLA
		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
40265030008	**MW-141-31**	EPA 8260	EIB	68	PASI-G
40265030009	**MW-10-32**	RSK-175	BDP	4	GCLA
		RSK-175	BDP	1	GCLA
		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
40265030010	**MW-17-20**	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
40265030011	**MW-01-32**	RSK-175	BDP	4	GCLA

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

SAMPLE ANALYTE COUNT

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		RSK-175	BDP	1	GCLA
		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
40265030012	**MW-101-32**	RSK-175	BDP	4	GCLA
		RSK-175	BDP	1	GCLA
		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
40265030013	**MW-16-29**	EPA 8260	EIB	68	PASI-G
40265030014	**MW-01-63**	EPA 8260	EIB	68	PASI-G
40265030015	**MW-05-30**	EPA 8260	EIB	68	PASI-G
40265030016	**MW-06-100**	EPA 8260	EIB	68	PASI-G
40265030017	**MW-08-27**	EPA 8260	EIB	68	PASI-G
40265030018	**MW-06-60**	EPA 8260	EIB	68	PASI-G
40265030019	**MW-06-32**	RSK-175	BDP	4	GCLA
		RSK-175	BDP	1	GCLA
		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
40265030020	**MW-18-31**	EPA 8260	EIB	68	PASI-G
40265030021	**MW-118-31**	EPA 8260	EIB	68	PASI-G
40265030022	**MW-05-60**	EPA 8260	EIB	68	PASI-G
40265030023	**MW-09-60**	EPA 8260	EIB	68	PASI-G
40265030024	**MW-13-33**	EPA 8260	EIB	68	PASI-G
40265030025	**MW-07-60**	EPA 8260	EIB	68	PASI-G
40265030026	**MW-07-32**	EPA 8260	EIB	68	PASI-G
40265030027	**MW-11-32**	EPA 8260	EIB	68	PASI-G

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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SAMPLE ANALYTE COUNT

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40265030028	**MW-09-33**	EPA 8260	EIB	68	PASI-G
40265030029	**EB71223A**	EPA 8260	CXJ	68	PASI-G
40265030030	**EB71223B**	EPA 8260	CXJ	68	PASI-G
40265030031	**EB71223C**	EPA 8260	CXJ	68	PASI-G
40265030032	**TB71223A**	EPA 8260	CXJ	68	PASI-G
40265030033	**TB71223B**	EPA 8260	CXJ	68	PASI-G

GCLA = Pace Analytical Gulf Coast
PASI-G = Pace Analytical Services - Green Bay

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-02-25 **Lab ID: 40265030001** Collected: 07/10/23 10:55 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**<3.8**	ug/L	10	3.8	1		07/25/23 11:16	74-82-8	H1
Ethane	**<0.90**	ug/L	5.0	0.90	1		07/25/23 11:16	74-84-0	H1
Ethene	**<0.79**	ug/L	5.0	0.79	1		07/25/23 11:16	74-85-1	H1
Surrogates									
tert Butyl Methyl-d3 Ether (S)	120	%	50-150		1		07/25/23 11:16	29366-08-3	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**92400**	ug/L	1200	585	1		07/25/23 20:45	124-38-9	H1
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	07/14/23 05:09	07/14/23 15:31	7439-89-6	
Manganese	**<1.5**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:31	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		07/14/23 16:55	7439-89-6	
Manganese, Dissolved	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:55	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		07/14/23 14:06	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:06	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 14:06	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 14:06	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:06	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 14:06	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 14:06	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:06	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 14:06	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 14:06	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 14:06	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 14:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 14:06	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 14:06	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 14:06	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 14:06	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:06	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:06	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:06	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 14:06	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:06	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 14:06	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 14:06	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-02-25 **Lab ID: 40265030001** Collected: 07/10/23 10:55 Received: 07/13/23 08:45 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		07/14/23 14:06	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:06	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:06	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:06	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 14:06	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 14:06	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 14:06	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 14:06	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 14:06	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 14:06	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 14:06	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 14:06	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 14:06	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 14:06	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 14:06	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 14:06	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 14:06	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 14:06	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:06	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 14:06	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 14:06	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 14:06	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		07/14/23 14:06	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:06	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 14:06	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 14:06	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 14:06	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:06	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 14:06	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 14:06	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 14:06	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 14:06	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 14:06	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 14:06	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 14:06	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:06	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:06	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:06	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:06	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 14:06	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 14:06	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 14:06	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/23 14:06	2037-26-5	HS
4-Bromofluorobenzene (S)	102	%	70-130		1		07/14/23 14:06	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-02-25 **Lab ID: 40265030001** Collected: 07/10/23 10:55 Received: 07/13/23 08:45 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		1		07/14/23 14:06	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**5.1**	mg/L	2.0	0.44	1		07/18/23 17:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**454**	mg/L	25.0	7.4	1		07/18/23 09:55		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.64**	mg/L	0.25	0.059	1		07/19/23 11:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-12-31 **Lab ID: 40265030002** Collected: 07/10/23 13:25 Received: 07/13/23 08:45 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		07/14/23 16:22	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:22	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 16:22	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 16:22	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:22	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 16:22	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 16:22	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:22	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 16:22	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 16:22	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 16:22	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 16:22	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 16:22	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 16:22	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 16:22	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 16:22	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:22	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:22	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:22	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 16:22	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:22	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 16:22	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 16:22	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:22	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:22	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:22	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:22	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 16:22	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 16:22	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 16:22	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 16:22	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 16:22	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 16:22	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 16:22	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 16:22	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 16:22	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 16:22	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 16:22	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:22	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 16:22	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 16:22	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:22	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:22	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 16:22	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 16:22	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-12-31 **Lab ID: 40265030002** Collected: 07/10/23 13:25 Received: 07/13/23 08:45 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		07/14/23 16:22	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:22	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 16:22	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 16:22	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 16:22	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:22	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 16:22	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 16:22	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 16:22	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 16:22	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 16:22	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 16:22	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 16:22	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:22	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:22	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:22	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:22	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 16:22	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 16:22	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 16:22	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/14/23 16:22	2037-26-5	HS
4-Bromofluorobenzene (S)	99	%	70-130		1		07/14/23 16:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/14/23 16:22	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-02-55 **Lab ID: 40265030003** Collected: 07/10/23 13:55 Received: 07/13/23 08:45 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		07/14/23 14:25	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:25	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 14:25	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 14:25	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:25	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 14:25	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 14:25	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:25	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 14:25	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 14:25	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 14:25	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 14:25	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 14:25	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 14:25	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 14:25	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 14:25	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:25	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:25	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:25	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 14:25	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:25	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 14:25	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 14:25	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:25	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:25	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:25	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:25	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 14:25	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 14:25	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 14:25	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 14:25	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 14:25	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 14:25	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 14:25	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 14:25	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 14:25	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 14:25	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 14:25	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 14:25	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 14:25	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 14:25	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:25	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 14:25	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 14:25	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 14:25	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-02-55 **Lab ID: 40265030003** Collected: 07/10/23 13:55 Received: 07/13/23 08:45 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		07/14/23 14:25	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:25	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 14:25	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 14:25	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 14:25	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:25	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 14:25	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 14:25	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 14:25	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 14:25	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 14:25	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 14:25	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 14:25	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:25	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:25	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:25	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:25	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 14:25	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 14:25	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 14:25	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 14:25	2037-26-5	HS
4-Bromofluorobenzene (S)	101	%	70-130		1		07/14/23 14:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/14/23 14:25	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-03-25 **Lab ID: 40265030004** Collected: 07/10/23 14:55 Received: 07/13/23 08:45 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		07/14/23 14:45	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 14:45	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 14:45	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:45	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 14:45	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 14:45	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:45	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 14:45	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 14:45	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 14:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 14:45	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 14:45	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 14:45	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 14:45	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 14:45	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:45	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:45	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:45	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 14:45	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:45	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 14:45	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 14:45	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 14:45	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:45	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:45	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:45	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 14:45	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 14:45	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 14:45	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 14:45	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 14:45	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 14:45	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 14:45	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 14:45	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 14:45	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 14:45	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 14:45	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 14:45	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 14:45	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 14:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:45	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 14:45	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 14:45	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 14:45	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-03-25 **Lab ID: 40265030004** Collected: 07/10/23 14:55 Received: 07/13/23 08:45 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		07/14/23 14:45	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 14:45	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 14:45	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 14:45	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 14:45	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:45	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 14:45	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 14:45	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 14:45	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 14:45	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 14:45	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 14:45	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 14:45	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:45	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 14:45	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 14:45	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 14:45	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 14:45	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 14:45	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 14:45	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/23 14:45	2037-26-5	HS
4-Bromofluorobenzene (S)	102	%	70-130		1		07/14/23 14:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/14/23 14:45	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-04-29 **Lab ID: 40265030005** Collected: 07/10/23 16:10 Received: 07/13/23 08:45 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		07/14/23 15:05	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:05	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 15:05	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 15:05	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:05	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 15:05	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 15:05	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:05	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 15:05	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 15:05	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 15:05	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 15:05	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 15:05	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 15:05	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 15:05	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 15:05	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:05	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:05	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:05	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 15:05	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:05	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 15:05	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 15:05	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:05	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:05	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:05	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:05	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 15:05	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 15:05	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 15:05	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 15:05	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 15:05	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 15:05	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 15:05	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 15:05	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 15:05	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 15:05	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 15:05	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 15:05	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 15:05	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 15:05	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:05	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 15:05	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 15:05	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 15:05	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-04-29 **Lab ID: 40265030005** Collected: 07/10/23 16:10 Received: 07/13/23 08:45 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		07/14/23 15:05	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:05	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 15:05	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 15:05	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 15:05	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:05	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 15:05	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 15:05	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 15:05	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 15:05	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 15:05	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 15:05	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 15:05	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:05	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:05	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:05	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:05	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 15:05	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 15:05	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 15:05	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/23 15:05	2037-26-5	HS
4-Bromofluorobenzene (S)	102	%	70-130		1		07/14/23 15:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/14/23 15:05	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-15-32 **Lab ID: 40265030006** Collected: 07/10/23 16:45 Received: 07/13/23 08:45 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		07/14/23 15:24	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:24	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 15:24	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 15:24	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:24	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 15:24	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 15:24	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:24	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 15:24	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 15:24	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 15:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 15:24	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 15:24	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 15:24	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 15:24	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 15:24	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:24	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:24	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:24	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 15:24	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:24	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 15:24	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 15:24	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:24	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:24	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:24	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:24	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 15:24	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 15:24	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 15:24	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 15:24	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 15:24	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 15:24	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 15:24	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 15:24	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 15:24	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 15:24	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 15:24	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 15:24	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 15:24	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 15:24	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:24	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 15:24	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 15:24	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 15:24	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-15-32 **Lab ID: 40265030006** Collected: 07/10/23 16:45 Received: 07/13/23 08:45 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		07/14/23 15:24	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:24	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 15:24	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 15:24	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 15:24	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:24	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 15:24	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 15:24	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 15:24	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 15:24	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 15:24	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 15:24	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 15:24	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:24	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:24	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:24	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:24	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 15:24	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 15:24	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 15:24	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 15:24	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/14/23 15:24	460-00-4	HS
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/14/23 15:24	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-14-31 **Lab ID: 40265030007** Collected: 07/11/23 08:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**160**	ug/L	10	3.8	1		07/25/23 11:32	74-82-8	
Ethane	**<0.90**	ug/L	5.0	0.90	1		07/25/23 11:32	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		07/25/23 11:32	74-85-1	
Surrogates									
tert Butyl Methyl-d3 Ether (S)	112	%	50-150		1		07/25/23 11:32	29366-08-3	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**892000**	ug/L	1200	585	1		07/25/23 15:43	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4970**	ug/L	100	56.7	1	07/14/23 05:09	07/14/23 15:38	7439-89-6	
Manganese	**521**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:38	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**5060**	ug/L	100	29.6	1		07/14/23 16:57	7439-89-6	D9
Manganese, Dissolved	**512**	ug/L	5.0	1.1	1		07/14/23 16:57	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		07/14/23 16:42	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 16:42	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 16:42	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:42	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 16:42	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 16:42	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:42	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 16:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 16:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 16:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 16:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 16:42	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 16:42	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 16:42	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 16:42	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:42	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:42	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:42	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 16:42	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:42	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 16:42	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 16:42	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-14-31 **Lab ID: 40265030007** Collected: 07/11/23 08:00 Received: 07/13/23 08:45 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	**37.5**	ug/L	1.0	0.30	1		07/14/23 16:42	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:42	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:42	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 16:42	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 16:42	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 16:42	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 16:42	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 16:42	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 16:42	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 16:42	74-87-3	
Cyclohexane	**1.9J**	ug/L	5.0	1.3	1		07/14/23 16:42	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 16:42	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 16:42	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 16:42	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:42	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 16:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 16:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:42	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:42	1634-04-4	
Methylcyclohexane	**2.8J**	ug/L	5.0	1.2	1		07/14/23 16:42	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 16:42	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		07/14/23 16:42	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:42	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 16:42	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 16:42	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 16:42	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 16:42	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 16:42	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 16:42	10061-01-5	
m&p-Xylene	**0.73J**	ug/L	2.0	0.70	1		07/14/23 16:42	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 16:42	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 16:42	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 16:42	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:42	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:42	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:42	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:42	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 16:42	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 16:42	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 16:42	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 16:42	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		07/14/23 16:42	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-14-31 **Lab ID: 40265030007** Collected: 07/11/23 08:00 Received: 07/13/23 08:45 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)	98	%	70-130		1		07/14/23 16:42	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**13.5**	mg/L	2.0	0.44	1		07/18/23 18:11	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**632**	mg/L	50.0	14.9	2		07/18/23 10:02		
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		07/19/23 12:00		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-141-31 **Lab ID: 40265030008** Collected: 07/11/23 07:00 Received: 07/13/23 08:45 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		07/14/23 17:01	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 17:01	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 17:01	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:01	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 17:01	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 17:01	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:01	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 17:01	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 17:01	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 17:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 17:01	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 17:01	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 17:01	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 17:01	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 17:01	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:01	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:01	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:01	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 17:01	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:01	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 17:01	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 17:01	106-43-4	
Benzene	**38.6**	ug/L	1.0	0.30	1		07/14/23 17:01	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:01	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:01	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:01	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 17:01	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 17:01	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 17:01	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 17:01	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 17:01	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 17:01	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 17:01	74-87-3	
Cyclohexane	**1.6J**	ug/L	5.0	1.3	1		07/14/23 17:01	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 17:01	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 17:01	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 17:01	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:01	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 17:01	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 17:01	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:01	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:01	1634-04-4	
Methylcyclohexane	**2.6J**	ug/L	5.0	1.2	1		07/14/23 17:01	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 17:01	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-141-31 **Lab ID: 40265030008** Collected: 07/11/23 07:00 Received: 07/13/23 08:45 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		07/14/23 17:01	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:01	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 17:01	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 17:01	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 17:01	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:01	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 17:01	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 17:01	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 17:01	10061-01-5	
m&p-Xylene	**0.79J**	ug/L	2.0	0.70	1		07/14/23 17:01	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 17:01	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 17:01	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 17:01	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:01	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:01	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:01	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:01	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 17:01	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 17:01	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 17:01	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 17:01	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/14/23 17:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/14/23 17:01	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-10-32 **Lab ID: 40265030009** Collected: 07/11/23 08:30 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**19**	ug/L	10	3.8	1		07/25/23 11:48	74-82-8	
Ethane	**<0.90**	ug/L	5.0	0.90	1		07/25/23 11:48	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		07/25/23 11:48	74-85-1	
Surrogates									
tert Butyl Methyl-d3 Ether (S)	105	%	50-150		1		07/25/23 11:48	29366-08-3	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**72400**	ug/L	1200	585	1		07/25/23 15:27	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1470**	ug/L	100	56.7	1	07/14/23 05:09	07/14/23 15:42	7439-89-6	
Manganese	**694**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:42	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**1490**	ug/L	100	29.6	1		07/14/23 17:02	7439-89-6	D9
Manganese, Dissolved	**707**	ug/L	5.0	1.1	1		07/14/23 17:02	7439-96-5	D9
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		07/14/23 18:39	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 18:39	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 18:39	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:39	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 18:39	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 18:39	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:39	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 18:39	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 18:39	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 18:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 18:39	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 18:39	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 18:39	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 18:39	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 18:39	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:39	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:39	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:39	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 18:39	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:39	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 18:39	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 18:39	106-43-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-10-32 **Lab ID: 40265030009** Collected: 07/11/23 08:30 Received: 07/13/23 08:45 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	**135**	ug/L	1.0	0.30	1		07/14/23 18:39	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:39	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:39	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:39	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 18:39	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 18:39	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 18:39	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 18:39	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 18:39	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 18:39	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 18:39	74-87-3	
Cyclohexane	**3.2J**	ug/L	5.0	1.3	1		07/14/23 18:39	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 18:39	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 18:39	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 18:39	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 18:39	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 18:39	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 18:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:39	98-82-8	
Methyl-tert-butyl ether	**9.8**	ug/L	5.0	1.1	1		07/14/23 18:39	1634-04-4	
Methylcyclohexane	**1.9J**	ug/L	5.0	1.2	1		07/14/23 18:39	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 18:39	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		07/14/23 18:39	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:39	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 18:39	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 18:39	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 18:39	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:39	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 18:39	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 18:39	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 18:39	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 18:39	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 18:39	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 18:39	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 18:39	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:39	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:39	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:39	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:39	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 18:39	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 18:39	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 18:39	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		07/14/23 18:39	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/14/23 18:39	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-10-32 **Lab ID: 40265030009** Collected: 07/11/23 08:30 Received: 07/13/23 08:45 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		07/14/23 18:39	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**8.4**	mg/L	2.0	0.44	1		07/18/23 18:26	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**442**	mg/L	25.0	7.4	1		07/18/23 10:03		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.22J**	mg/L	0.25	0.059	1		07/19/23 12:01		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-17-20 **Lab ID: 40265030010** Collected: 07/11/23 08:55 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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	07/14/23 05:09	07/14/23 15:44	7439-89-6	
Manganese	**1.6J**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:44	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		07/14/23 17:04	7439-89-6	
Manganese, Dissolved	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:04	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		07/14/23 15:43	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:43	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 15:43	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 15:43	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:43	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 15:43	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 15:43	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:43	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 15:43	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 15:43	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 15:43	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 15:43	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 15:43	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 15:43	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 15:43	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 15:43	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:43	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:43	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:43	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 15:43	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:43	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 15:43	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 15:43	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 15:43	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:43	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:43	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 15:43	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 15:43	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 15:43	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 15:43	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 15:43	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 15:43	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 15:43	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 15:43	110-82-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-17-20 **Lab ID: 40265030010** Collected: 07/11/23 08:55 Received: 07/13/23 08:45 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								
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 15:43	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 15:43	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 15:43	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 15:43	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 15:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 15:43	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:43	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 15:43	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 15:43	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 15:43	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		07/14/23 15:43	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 15:43	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 15:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 15:43	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 15:43	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:43	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 15:43	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 15:43	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 15:43	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 15:43	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 15:43	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 15:43	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 15:43	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:43	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 15:43	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 15:43	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 15:43	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 15:43	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 15:43	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 15:43	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/14/23 15:43	2037-26-5	HS
4-Bromofluorobenzene (S)	102	%	70-130		1		07/14/23 15:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/14/23 15:43	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0								
	Pace Analytical Services - Green Bay								
Sulfate	**8.0**	mg/L	2.0	0.44	1		07/18/23 18:41	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2								
	Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**408**	mg/L	25.0	7.4	1		07/18/23 10:04		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-17-20 **Lab ID: 40265030010** Collected: 07/11/23 08:55 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**3.8**	mg/L	0.25	0.059	1		07/19/23 12:01		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-01-32 **Lab ID: 40265030011** Collected: 07/11/23 10:30 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**88**	ug/L	10	3.8	1		07/25/23 12:20	74-82-8	
Ethane	**<0.90**	ug/L	5.0	0.90	1		07/25/23 12:20	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		07/25/23 12:20	74-85-1	
Surrogates									
tert Butyl Methyl-d3 Ether (S)	109	%	50-150		1		07/25/23 12:20	29366-08-3	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**172000**	ug/L	1200	585	1		07/25/23 15:59	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**9370**	ug/L	100	56.7	1	07/14/23 05:09	07/14/23 15:49	7439-89-6	
Manganese	**183**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:49	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**9630**	ug/L	100	29.6	1		07/14/23 17:06	7439-89-6	D9
Manganese, Dissolved	**178**	ug/L	5.0	1.1	1		07/14/23 17:06	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		07/14/23 18:58	630-20-6	
1,1,1-Trichloroethane	**<37.8**	ug/L	125	37.8	125		07/14/23 18:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<47.2**	ug/L	125	47.2	125		07/14/23 18:58	79-34-5	
1,1,2-Trichloroethane	**<43.1**	ug/L	125	43.1	125		07/14/23 18:58	79-00-5	
1,1-Dichloroethane	**<37.0**	ug/L	125	37.0	125		07/14/23 18:58	75-34-3	
1,1-Dichloroethene	**<72.8**	ug/L	125	72.8	125		07/14/23 18:58	75-35-4	
1,1-Dichloropropene	**<51.3**	ug/L	125	51.3	125		07/14/23 18:58	563-58-6	
1,2,3-Trichlorobenzene	**<127**	ug/L	625	127	125		07/14/23 18:58	87-61-6	
1,2,3-Trichloropropane	**<69.4**	ug/L	125	69.4	125		07/14/23 18:58	96-18-4	
1,2,4-Trichlorobenzene	**<119**	ug/L	625	119	125		07/14/23 18:58	120-82-1	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		07/14/23 18:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<296**	ug/L	625	296	125		07/14/23 18:58	96-12-8	
1,2-Dibromoethane (EDB)	**<38.6**	ug/L	125	38.6	125		07/14/23 18:58	106-93-4	
1,2-Dichlorobenzene	**<40.7**	ug/L	125	40.7	125		07/14/23 18:58	95-50-1	
1,2-Dichloroethane	**<36.4**	ug/L	125	36.4	125		07/14/23 18:58	107-06-2	
1,2-Dichloropropane	**<56.0**	ug/L	125	56.0	125		07/14/23 18:58	78-87-5	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		07/14/23 18:58	108-67-8	
1,3-Dichlorobenzene	**<43.9**	ug/L	125	43.9	125		07/14/23 18:58	541-73-1	
1,3-Dichloropropane	**<38.1**	ug/L	125	38.1	125		07/14/23 18:58	142-28-9	
1,4-Dichlorobenzene	**<112**	ug/L	125	112	125		07/14/23 18:58	106-46-7	
2,2-Dichloropropane	**<52.3**	ug/L	125	52.3	125		07/14/23 18:58	594-20-7	
2-Chlorotoluene	**<111**	ug/L	625	111	125		07/14/23 18:58	95-49-8	
4-Chlorotoluene	**<112**	ug/L	625	112	125		07/14/23 18:58	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-01-32 **Lab ID: 40265030011** Collected: 07/11/23 10:30 Received: 07/13/23 08:45 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	**11100**	ug/L	125	36.9	125		07/14/23 18:58	71-43-2	
Bromobenzene	**<45.1**	ug/L	125	45.1	125		07/14/23 18:58	108-86-1	
Bromochloromethane	**<44.7**	ug/L	125	44.7	125		07/14/23 18:58	74-97-5	
Bromodichloromethane	**<51.9**	ug/L	125	51.9	125		07/14/23 18:58	75-27-4	
Bromoform	**<53.6**	ug/L	125	53.6	125		07/14/23 18:58	75-25-2	
Bromomethane	**<149**	ug/L	625	149	125		07/14/23 18:58	74-83-9	
Carbon tetrachloride	**<46.2**	ug/L	125	46.2	125		07/14/23 18:58	56-23-5	
Chlorobenzene	**<107**	ug/L	125	107	125		07/14/23 18:58	108-90-7	
Chloroethane	**<172**	ug/L	625	172	125		07/14/23 18:58	75-00-3	
Chloroform	**<63.0**	ug/L	625	63.0	125		07/14/23 18:58	67-66-3	
Chloromethane	**<204**	ug/L	625	204	125		07/14/23 18:58	74-87-3	
Cyclohexane	**771**	ug/L	625	161	125		07/14/23 18:58	110-82-7	
Dibromochloromethane	**<330**	ug/L	625	330	125		07/14/23 18:58	124-48-1	
Dibromomethane	**<124**	ug/L	625	124	125		07/14/23 18:58	74-95-3	
Dichlorodifluoromethane	**<56.9**	ug/L	625	56.9	125		07/14/23 18:58	75-71-8	
Diisopropyl ether	**<138**	ug/L	625	138	125		07/14/23 18:58	108-20-3	
Ethylbenzene	**168**	ug/L	125	40.6	125		07/14/23 18:58	100-41-4	
Hexachloro-1,3-butadiene	**<342**	ug/L	625	342	125		07/14/23 18:58	87-68-3	
Isopropylbenzene (Cumene)	**<125**	ug/L	625	125	125		07/14/23 18:58	98-82-8	
Methyl-tert-butyl ether	**<141**	ug/L	625	141	125		07/14/23 18:58	1634-04-4	
Methylcyclohexane	**178J**	ug/L	625	149	125		07/14/23 18:58	108-87-2	
Methylene Chloride	**<39.9**	ug/L	625	39.9	125		07/14/23 18:58	75-09-2	
Naphthalene	**<240**	ug/L	625	240	125		07/14/23 18:58	91-20-3	
Styrene	**<44.5**	ug/L	125	44.5	125		07/14/23 18:58	100-42-5	
Tetrachloroethene	**<51.1**	ug/L	125	51.1	125		07/14/23 18:58	127-18-4	
Toluene	**3560**	ug/L	125	36.0	125		07/14/23 18:58	108-88-3	
Trichloroethene	**<40.0**	ug/L	125	40.0	125		07/14/23 18:58	79-01-6	
Trichlorofluoromethane	**<52.3**	ug/L	125	52.3	125		07/14/23 18:58	75-69-4	
Vinyl chloride	**<21.8**	ug/L	125	21.8	125		07/14/23 18:58	75-01-4	
cis-1,2-Dichloroethene	**<58.9**	ug/L	125	58.9	125		07/14/23 18:58	156-59-2	
cis-1,3-Dichloropropene	**<29.7**	ug/L	125	29.7	125		07/14/23 18:58	10061-01-5	
m&p-Xylene	**221J**	ug/L	250	87.5	125		07/14/23 18:58	179601-23-1	
n-Butylbenzene	**<107**	ug/L	125	107	125		07/14/23 18:58	104-51-8	
n-Heptane	**<204**	ug/L	625	204	125		07/14/23 18:58	142-82-5	
n-Hexane	**<183**	ug/L	625	183	125		07/14/23 18:58	110-54-3	
n-Propylbenzene	**<43.2**	ug/L	125	43.2	125		07/14/23 18:58	103-65-1	
o-Xylene	**247**	ug/L	125	43.5	125		07/14/23 18:58	95-47-6	
p-Isopropyltoluene	**<130**	ug/L	625	130	125		07/14/23 18:58	99-87-6	
sec-Butylbenzene	**<53.0**	ug/L	125	53.0	125		07/14/23 18:58	135-98-8	
tert-Butylbenzene	**<73.3**	ug/L	125	73.3	125		07/14/23 18:58	98-06-6	
trans-1,2-Dichloroethene	**<66.0**	ug/L	125	66.0	125		07/14/23 18:58	156-60-5	
trans-1,3-Dichloropropene	**<33.2**	ug/L	125	33.2	125		07/14/23 18:58	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		125		07/14/23 18:58	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		125		07/14/23 18:58	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-01-32 **Lab ID: 40265030011** Collected: 07/11/23 10:30 Received: 07/13/23 08:45 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		07/14/23 18:58	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		07/18/23 18:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**539**	mg/L	50.0	14.9	2		07/18/23 10:05		
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		07/19/23 11:28		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-101-32 **Lab ID: 40265030012** Collected: 07/11/23 07:00 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**160**	ug/L	10	3.8	1		07/25/23 12:36	74-82-8	
Ethane	**<0.90**	ug/L	5.0	0.90	1		07/25/23 12:36	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		07/25/23 12:36	74-85-1	
Surrogates									
tert Butyl Methyl-d3 Ether (S)	97.1	%	50-150		1		07/25/23 12:36	29366-08-3	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**174000**	ug/L	1200	585	1		07/25/23 16:14	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**9620**	ug/L	100	56.7	1	07/14/23 05:09	07/14/23 15:51	7439-89-6	
Manganese	**186**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:51	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**9660**	ug/L	100	29.6	1		07/14/23 17:08	7439-89-6	D9
Manganese, Dissolved	**184**	ug/L	5.0	1.1	1		07/14/23 17:08	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		07/14/23 19:18	630-20-6	
1,1,1-Trichloroethane	**<30.3**	ug/L	100	30.3	100		07/14/23 19:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<37.8**	ug/L	100	37.8	100		07/14/23 19:18	79-34-5	
1,1,2-Trichloroethane	**<34.4**	ug/L	100	34.4	100		07/14/23 19:18	79-00-5	
1,1-Dichloroethane	**<29.6**	ug/L	100	29.6	100		07/14/23 19:18	75-34-3	
1,1-Dichloroethene	**<58.2**	ug/L	100	58.2	100		07/14/23 19:18	75-35-4	
1,1-Dichloropropene	**<41.0**	ug/L	100	41.0	100		07/14/23 19:18	563-58-6	
1,2,3-Trichlorobenzene	**<102**	ug/L	500	102	100		07/14/23 19:18	87-61-6	
1,2,3-Trichloropropane	**<55.5**	ug/L	100	55.5	100		07/14/23 19:18	96-18-4	
1,2,4-Trichlorobenzene	**<95.1**	ug/L	500	95.1	100		07/14/23 19:18	120-82-1	
1,2,4-Trimethylbenzene	**<44.9**	ug/L	100	44.9	100		07/14/23 19:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<237**	ug/L	500	237	100		07/14/23 19:18	96-12-8	
1,2-Dibromoethane (EDB)	**<30.9**	ug/L	100	30.9	100		07/14/23 19:18	106-93-4	
1,2-Dichlorobenzene	**<32.6**	ug/L	100	32.6	100		07/14/23 19:18	95-50-1	
1,2-Dichloroethane	**<29.2**	ug/L	100	29.2	100		07/14/23 19:18	107-06-2	
1,2-Dichloropropane	**<44.8**	ug/L	100	44.8	100		07/14/23 19:18	78-87-5	
1,3,5-Trimethylbenzene	**<35.7**	ug/L	100	35.7	100		07/14/23 19:18	108-67-8	
1,3-Dichlorobenzene	**<35.1**	ug/L	100	35.1	100		07/14/23 19:18	541-73-1	
1,3-Dichloropropane	**<30.5**	ug/L	100	30.5	100		07/14/23 19:18	142-28-9	
1,4-Dichlorobenzene	**<89.2**	ug/L	100	89.2	100		07/14/23 19:18	106-46-7	
2,2-Dichloropropane	**<41.9**	ug/L	100	41.9	100		07/14/23 19:18	594-20-7	
2-Chlorotoluene	**<89.0**	ug/L	500	89.0	100		07/14/23 19:18	95-49-8	
4-Chlorotoluene	**<89.4**	ug/L	500	89.4	100		07/14/23 19:18	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-101-32 **Lab ID: 40265030012** Collected: 07/11/23 07:00 Received: 07/13/23 08:45 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	**13000**	ug/L	100	29.5	100		07/14/23 19:18	71-43-2	
Bromobenzene	**<36.1**	ug/L	100	36.1	100		07/14/23 19:18	108-86-1	
Bromochloromethane	**<35.8**	ug/L	100	35.8	100		07/14/23 19:18	74-97-5	
Bromodichloromethane	**<41.5**	ug/L	100	41.5	100		07/14/23 19:18	75-27-4	
Bromoform	**<42.9**	ug/L	100	42.9	100		07/14/23 19:18	75-25-2	
Bromomethane	**<119**	ug/L	500	119	100		07/14/23 19:18	74-83-9	
Carbon tetrachloride	**<36.9**	ug/L	100	36.9	100		07/14/23 19:18	56-23-5	
Chlorobenzene	**<85.5**	ug/L	100	85.5	100		07/14/23 19:18	108-90-7	
Chloroethane	**<138**	ug/L	500	138	100		07/14/23 19:18	75-00-3	
Chloroform	**<50.4**	ug/L	500	50.4	100		07/14/23 19:18	67-66-3	
Chloromethane	**<164**	ug/L	500	164	100		07/14/23 19:18	74-87-3	
Cyclohexane	**894**	ug/L	500	129	100		07/14/23 19:18	110-82-7	
Dibromochloromethane	**<264**	ug/L	500	264	100		07/14/23 19:18	124-48-1	
Dibromomethane	**<99.1**	ug/L	500	99.1	100		07/14/23 19:18	74-95-3	
Dichlorodifluoromethane	**<45.5**	ug/L	500	45.5	100		07/14/23 19:18	75-71-8	
Diisopropyl ether	**<110**	ug/L	500	110	100		07/14/23 19:18	108-20-3	
Ethylbenzene	**194**	ug/L	100	32.5	100		07/14/23 19:18	100-41-4	
Hexachloro-1,3-butadiene	**<274**	ug/L	500	274	100		07/14/23 19:18	87-68-3	
Isopropylbenzene (Cumene)	**<100**	ug/L	500	100	100		07/14/23 19:18	98-82-8	
Methyl-tert-butyl ether	**<113**	ug/L	500	113	100		07/14/23 19:18	1634-04-4	
Methylcyclohexane	**208J**	ug/L	500	119	100		07/14/23 19:18	108-87-2	
Methylene Chloride	**<31.9**	ug/L	500	31.9	100		07/14/23 19:18	75-09-2	
Naphthalene	**<192**	ug/L	500	192	100		07/14/23 19:18	91-20-3	
Styrene	**<35.6**	ug/L	100	35.6	100		07/14/23 19:18	100-42-5	
Tetrachloroethene	**<40.9**	ug/L	100	40.9	100		07/14/23 19:18	127-18-4	
Toluene	**4410**	ug/L	100	28.8	100		07/14/23 19:18	108-88-3	
Trichloroethene	**<32.0**	ug/L	100	32.0	100		07/14/23 19:18	79-01-6	
Trichlorofluoromethane	**<41.9**	ug/L	100	41.9	100		07/14/23 19:18	75-69-4	
Vinyl chloride	**<17.4**	ug/L	100	17.4	100		07/14/23 19:18	75-01-4	
cis-1,2-Dichloroethene	**<47.2**	ug/L	100	47.2	100		07/14/23 19:18	156-59-2	
cis-1,3-Dichloropropene	**<23.7**	ug/L	100	23.7	100		07/14/23 19:18	10061-01-5	
m&p-Xylene	**248**	ug/L	200	70.0	100		07/14/23 19:18	179601-23-1	
n-Butylbenzene	**<85.7**	ug/L	100	85.7	100		07/14/23 19:18	104-51-8	
n-Heptane	**<163**	ug/L	500	163	100		07/14/23 19:18	142-82-5	
n-Hexane	**<146**	ug/L	500	146	100		07/14/23 19:18	110-54-3	
n-Propylbenzene	**<34.5**	ug/L	100	34.5	100		07/14/23 19:18	103-65-1	
o-Xylene	**307**	ug/L	100	34.8	100		07/14/23 19:18	95-47-6	
p-Isopropyltoluene	**<104**	ug/L	500	104	100		07/14/23 19:18	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	100	42.4	100		07/14/23 19:18	135-98-8	
tert-Butylbenzene	**<58.6**	ug/L	100	58.6	100		07/14/23 19:18	98-06-6	
trans-1,2-Dichloroethene	**<52.8**	ug/L	100	52.8	100		07/14/23 19:18	156-60-5	
trans-1,3-Dichloropropene	**<26.5**	ug/L	100	26.5	100		07/14/23 19:18	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		100		07/14/23 19:18	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		100		07/14/23 19:18	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-101-32 **Lab ID: 40265030012** Collected: 07/11/23 07:00 Received: 07/13/23 08:45 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)	98	%	70-130		100		07/14/23 19:18	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**0.56J**	mg/L	2.0	0.44	1		07/19/23 14:01	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**526**	mg/L	50.0	14.9	2		07/18/23 10:06		
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		07/19/23 11:29		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-16-29 **Lab ID: 40265030013** Collected: 07/11/23 11:10 Received: 07/13/23 08:45 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		07/14/23 17:21	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 17:21	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 17:21	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:21	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 17:21	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 17:21	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:21	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 17:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 17:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 17:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 17:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 17:21	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 17:21	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 17:21	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 17:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:21	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:21	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:21	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 17:21	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:21	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 17:21	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 17:21	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:21	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:21	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:21	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 17:21	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 17:21	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 17:21	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 17:21	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 17:21	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 17:21	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 17:21	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 17:21	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 17:21	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 17:21	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 17:21	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:21	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 17:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 17:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:21	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:21	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 17:21	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 17:21	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-16-29 **Lab ID: 40265030013** Collected: 07/11/23 11:10 Received: 07/13/23 08:45 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		07/14/23 17:21	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:21	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 17:21	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 17:21	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 17:21	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:21	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 17:21	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 17:21	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 17:21	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 17:21	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 17:21	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 17:21	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 17:21	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:21	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:21	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:21	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:21	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 17:21	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 17:21	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 17:21	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/23 17:21	2037-26-5	HS
4-Bromofluorobenzene (S)	99	%	70-130		1		07/14/23 17:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/14/23 17:21	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-01-63 **Lab ID: 40265030014** Collected: 07/11/23 12:10 Received: 07/13/23 08:45 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		07/14/23 17:40	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 17:40	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 17:40	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:40	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 17:40	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 17:40	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:40	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 17:40	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 17:40	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 17:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 17:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 17:40	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 17:40	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 17:40	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 17:40	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:40	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:40	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:40	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 17:40	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:40	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 17:40	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 17:40	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 17:40	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:40	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:40	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:40	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 17:40	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 17:40	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 17:40	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 17:40	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 17:40	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 17:40	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 17:40	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 17:40	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 17:40	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 17:40	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 17:40	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:40	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 17:40	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 17:40	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:40	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 17:40	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 17:40	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 17:40	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-01-63 **Lab ID: 40265030014** Collected: 07/11/23 12:10 Received: 07/13/23 08:45 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		07/14/23 17:40	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 17:40	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 17:40	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 17:40	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 17:40	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:40	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 17:40	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 17:40	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 17:40	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 17:40	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 17:40	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 17:40	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 17:40	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:40	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 17:40	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 17:40	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 17:40	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 17:40	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 17:40	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 17:40	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 17:40	2037-26-5	HS
4-Bromofluorobenzene (S)	99	%	70-130		1		07/14/23 17:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/14/23 17:40	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-05-30 **Lab ID: 40265030015** Collected: 07/11/23 13:02 Received: 07/13/23 08:45 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		07/14/23 13:46	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 13:46	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 13:46	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 13:46	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 13:46	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 13:46	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 13:46	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 13:46	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 13:46	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 13:46	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 13:46	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 13:46	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 13:46	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 13:46	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 13:46	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 13:46	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 13:46	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 13:46	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 13:46	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 13:46	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 13:46	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 13:46	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 13:46	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 13:46	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 13:46	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 13:46	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 13:46	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 13:46	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 13:46	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 13:46	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 13:46	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 13:46	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 13:46	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 13:46	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 13:46	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 13:46	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 13:46	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 13:46	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 13:46	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 13:46	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 13:46	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 13:46	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 13:46	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 13:46	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 13:46	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-05-30 **Lab ID: 40265030015** Collected: 07/11/23 13:02 Received: 07/13/23 08:45 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		07/14/23 13:46	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 13:46	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 13:46	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 13:46	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 13:46	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 13:46	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 13:46	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 13:46	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 13:46	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 13:46	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 13:46	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 13:46	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 13:46	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 13:46	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 13:46	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 13:46	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 13:46	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 13:46	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 13:46	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 13:46	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/14/23 13:46	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/14/23 13:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/14/23 13:46	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-100 **Lab ID: 40265030016** Collected: 07/11/23 13:15 Received: 07/13/23 08:45 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		07/14/23 16:03	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 16:03	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 16:03	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:03	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 16:03	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 16:03	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:03	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 16:03	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 16:03	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 16:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 16:03	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 16:03	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 16:03	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 16:03	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 16:03	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:03	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:03	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:03	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 16:03	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:03	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 16:03	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 16:03	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 16:03	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:03	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:03	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:03	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 16:03	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 16:03	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 16:03	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 16:03	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 16:03	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 16:03	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 16:03	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 16:03	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 16:03	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 16:03	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 16:03	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:03	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 16:03	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 16:03	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:03	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 16:03	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 16:03	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 16:03	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-100 **Lab ID: 40265030016** Collected: 07/11/23 13:15 Received: 07/13/23 08:45 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		07/14/23 16:03	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 16:03	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 16:03	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 16:03	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 16:03	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:03	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 16:03	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 16:03	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 16:03	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 16:03	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 16:03	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 16:03	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 16:03	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:03	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 16:03	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 16:03	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 16:03	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 16:03	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 16:03	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 16:03	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 16:03	2037-26-5	HS
4-Bromofluorobenzene (S)	100	%	70-130		1		07/14/23 16:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/14/23 16:03	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-08-27 **Lab ID: 40265030017** Collected: 07/11/23 14:10 Received: 07/13/23 08:45 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		07/14/23 18:00	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:00	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 18:00	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 18:00	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:00	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 18:00	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 18:00	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:00	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 18:00	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 18:00	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 18:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 18:00	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 18:00	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 18:00	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 18:00	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 18:00	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:00	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:00	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:00	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 18:00	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:00	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 18:00	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 18:00	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:00	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:00	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:00	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:00	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 18:00	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 18:00	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 18:00	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 18:00	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 18:00	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 18:00	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 18:00	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 18:00	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 18:00	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 18:00	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 18:00	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 18:00	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 18:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 18:00	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:00	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 18:00	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 18:00	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 18:00	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-08-27 **Lab ID: 40265030017** Collected: 07/11/23 14:10 Received: 07/13/23 08:45 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		07/14/23 18:00	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:00	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 18:00	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 18:00	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/14/23 18:00	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:00	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 18:00	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 18:00	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 18:00	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 18:00	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 18:00	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 18:00	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 18:00	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:00	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:00	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:00	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:00	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 18:00	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 18:00	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 18:00	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/23 18:00	2037-26-5	HS
4-Bromofluorobenzene (S)	102	%	70-130		1		07/14/23 18:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		07/14/23 18:00	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-60 **Lab ID: 40265030018** Collected: 07/11/23 14:15 Received: 07/13/23 08:45 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		07/14/23 18:19	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/14/23 18:19	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/14/23 18:19	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:19	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/14/23 18:19	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 18:19	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:19	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/14/23 18:19	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/14/23 18:19	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/14/23 18:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/14/23 18:19	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/14/23 18:19	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 18:19	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/14/23 18:19	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/14/23 18:19	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:19	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:19	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:19	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/14/23 18:19	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:19	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 18:19	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/14/23 18:19	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/14/23 18:19	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:19	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:19	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:19	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/14/23 18:19	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 18:19	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/14/23 18:19	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 18:19	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/14/23 18:19	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/14/23 18:19	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 18:19	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/14/23 18:19	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/14/23 18:19	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/14/23 18:19	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/14/23 18:19	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 18:19	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/14/23 18:19	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/14/23 18:19	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:19	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/14/23 18:19	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/14/23 18:19	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/14/23 18:19	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-60 **Lab ID: 40265030018** Collected: 07/11/23 14:15 Received: 07/13/23 08:45 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		07/14/23 18:19	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/14/23 18:19	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/14/23 18:19	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/14/23 18:19	108-88-3	
Trichloroethene	**16.3**	ug/L	1.0	0.32	1		07/14/23 18:19	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:19	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/14/23 18:19	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/14/23 18:19	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/14/23 18:19	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/14/23 18:19	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/14/23 18:19	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/14/23 18:19	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/14/23 18:19	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:19	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/14/23 18:19	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/14/23 18:19	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/14/23 18:19	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/14/23 18:19	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/14/23 18:19	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/14/23 18:19	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/23 18:19	2037-26-5	HS
4-Bromofluorobenzene (S)	103	%	70-130		1		07/14/23 18:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/14/23 18:19	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-32 **Lab ID: 40265030019** Collected: 07/11/23 15:30 Received: 07/13/23 08:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**<3.8**	ug/L	10	3.8	1		07/25/23 12:52	74-82-8	
Ethane	**<0.90**	ug/L	5.0	0.90	1		07/25/23 12:52	74-84-0	
Ethene	**<0.79**	ug/L	5.0	0.79	1		07/25/23 12:52	74-85-1	
Surrogates									
tert Butyl Methyl-d3 Ether (S)	93.4	%	50-150		1		07/25/23 12:52	29366-08-3	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**177000**	ug/L	1200	585	1		07/25/23 16:30	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	07/14/23 05:09	07/14/23 15:53	7439-89-6	
Manganese	**31.3**	ug/L	5.0	1.5	1	07/14/23 05:09	07/14/23 15:53	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		07/14/23 17:10	7439-89-6	
Manganese, Dissolved	**25.7**	ug/L	5.0	1.1	1		07/14/23 17:10	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		07/17/23 23:17	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/17/23 23:17	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/17/23 23:17	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:17	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/17/23 23:17	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 23:17	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:17	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/17/23 23:17	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/17/23 23:17	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/17/23 23:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/17/23 23:17	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/17/23 23:17	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 23:17	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/17/23 23:17	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/17/23 23:17	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:17	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:17	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:17	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/17/23 23:17	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:17	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 23:17	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 23:17	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-32 **Lab ID: 40265030019** Collected: 07/11/23 15:30 Received: 07/13/23 08:45 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		07/17/23 23:17	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:17	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:17	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:17	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/17/23 23:17	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 23:17	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/17/23 23:17	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 23:17	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/17/23 23:17	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/17/23 23:17	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 23:17	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/17/23 23:17	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/17/23 23:17	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/17/23 23:17	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/17/23 23:17	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 23:17	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 23:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/17/23 23:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:17	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 23:17	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 23:17	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/17/23 23:17	75-09-2	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		07/17/23 23:17	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:17	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 23:17	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/17/23 23:17	108-88-3	
Trichloroethene	**2.5**	ug/L	1.0	0.32	1		07/17/23 23:17	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:17	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/17/23 23:17	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/17/23 23:17	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/17/23 23:17	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/17/23 23:17	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 23:17	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 23:17	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/17/23 23:17	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:17	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:17	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:17	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:17	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/17/23 23:17	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/17/23 23:17	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/17/23 23:17	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/17/23 23:17	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/17/23 23:17	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-06-32 **Lab ID: 40265030019** Collected: 07/11/23 15:30 Received: 07/13/23 08:45 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		1		07/17/23 23:17	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**27.4**	mg/L	2.0	0.44	1		07/19/23 14:15	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**560**	mg/L	50.0	14.9	2		07/18/23 10:07		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**7.9**	mg/L	0.25	0.059	1		07/19/23 11:30		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-18-31 **Lab ID: 40265030020** Collected: 07/11/23 16:15 Received: 07/13/23 08:45 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	**<35.5**	ug/L	100	35.5	100		07/18/23 00:54	630-20-6	
1,1,1-Trichloroethane	**<30.3**	ug/L	100	30.3	100		07/18/23 00:54	71-55-6	
1,1,2,2-Tetrachloroethane	**<37.8**	ug/L	100	37.8	100		07/18/23 00:54	79-34-5	
1,1,2-Trichloroethane	**<34.4**	ug/L	100	34.4	100		07/18/23 00:54	79-00-5	
1,1-Dichloroethane	**<29.6**	ug/L	100	29.6	100		07/18/23 00:54	75-34-3	
1,1-Dichloroethene	**<58.2**	ug/L	100	58.2	100		07/18/23 00:54	75-35-4	
1,1-Dichloropropene	**<41.0**	ug/L	100	41.0	100		07/18/23 00:54	563-58-6	
1,2,3-Trichlorobenzene	**<102**	ug/L	500	102	100		07/18/23 00:54	87-61-6	
1,2,3-Trichloropropane	**<55.5**	ug/L	100	55.5	100		07/18/23 00:54	96-18-4	
1,2,4-Trichlorobenzene	**<95.1**	ug/L	500	95.1	100		07/18/23 00:54	120-82-1	
1,2,4-Trimethylbenzene	**72.9J**	ug/L	100	44.9	100		07/18/23 00:54	95-63-6	
1,2-Dibromo-3-chloropropane	**<237**	ug/L	500	237	100		07/18/23 00:54	96-12-8	
1,2-Dibromoethane (EDB)	**<30.9**	ug/L	100	30.9	100		07/18/23 00:54	106-93-4	
1,2-Dichlorobenzene	**<32.6**	ug/L	100	32.6	100		07/18/23 00:54	95-50-1	
1,2-Dichloroethane	**<29.2**	ug/L	100	29.2	100		07/18/23 00:54	107-06-2	
1,2-Dichloropropane	**<44.8**	ug/L	100	44.8	100		07/18/23 00:54	78-87-5	
1,3,5-Trimethylbenzene	**<35.7**	ug/L	100	35.7	100		07/18/23 00:54	108-67-8	
1,3-Dichlorobenzene	**<35.1**	ug/L	100	35.1	100		07/18/23 00:54	541-73-1	
1,3-Dichloropropane	**<30.5**	ug/L	100	30.5	100		07/18/23 00:54	142-28-9	
1,4-Dichlorobenzene	**<89.2**	ug/L	100	89.2	100		07/18/23 00:54	106-46-7	
2,2-Dichloropropane	**<41.9**	ug/L	100	41.9	100		07/18/23 00:54	594-20-7	
2-Chlorotoluene	**<89.0**	ug/L	500	89.0	100		07/18/23 00:54	95-49-8	
4-Chlorotoluene	**<89.4**	ug/L	500	89.4	100		07/18/23 00:54	106-43-4	
Benzene	**14600**	ug/L	100	29.5	100		07/18/23 00:54	71-43-2	
Bromobenzene	**<36.1**	ug/L	100	36.1	100		07/18/23 00:54	108-86-1	
Bromochloromethane	**<35.8**	ug/L	100	35.8	100		07/18/23 00:54	74-97-5	
Bromodichloromethane	**<41.5**	ug/L	100	41.5	100		07/18/23 00:54	75-27-4	
Bromoform	**<42.9**	ug/L	100	42.9	100		07/18/23 00:54	75-25-2	
Bromomethane	**<119**	ug/L	500	119	100		07/18/23 00:54	74-83-9	
Carbon tetrachloride	**<36.9**	ug/L	100	36.9	100		07/18/23 00:54	56-23-5	
Chlorobenzene	**<85.5**	ug/L	100	85.5	100		07/18/23 00:54	108-90-7	
Chloroethane	**<138**	ug/L	500	138	100		07/18/23 00:54	75-00-3	
Chloroform	**<50.4**	ug/L	500	50.4	100		07/18/23 00:54	67-66-3	
Chloromethane	**<164**	ug/L	500	164	100		07/18/23 00:54	74-87-3	
Cyclohexane	**964**	ug/L	500	129	100		07/18/23 00:54	110-82-7	
Dibromochloromethane	**<264**	ug/L	500	264	100		07/18/23 00:54	124-48-1	
Dibromomethane	**<99.1**	ug/L	500	99.1	100		07/18/23 00:54	74-95-3	
Dichlorodifluoromethane	**<45.5**	ug/L	500	45.5	100		07/18/23 00:54	75-71-8	
Diisopropyl ether	**<110**	ug/L	500	110	100		07/18/23 00:54	108-20-3	
Ethylbenzene	**222**	ug/L	100	32.5	100		07/18/23 00:54	100-41-4	
Hexachloro-1,3-butadiene	**<274**	ug/L	500	274	100		07/18/23 00:54	87-68-3	
Isopropylbenzene (Cumene)	**<100**	ug/L	500	100	100		07/18/23 00:54	98-82-8	
Methyl-tert-butyl ether	**<113**	ug/L	500	113	100		07/18/23 00:54	1634-04-4	
Methylcyclohexane	**231J**	ug/L	500	119	100		07/18/23 00:54	108-87-2	
Methylene Chloride	**<31.9**	ug/L	500	31.9	100		07/18/23 00:54	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-18-31 **Lab ID: 40265030020** Collected: 07/11/23 16:15 Received: 07/13/23 08:45 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	**<192**	ug/L	500	192	100		07/18/23 00:54	91-20-3	
Styrene	**<35.6**	ug/L	100	35.6	100		07/18/23 00:54	100-42-5	
Tetrachloroethene	**<40.9**	ug/L	100	40.9	100		07/18/23 00:54	127-18-4	
Toluene	**2710**	ug/L	100	28.8	100		07/18/23 00:54	108-88-3	
Trichloroethene	**<32.0**	ug/L	100	32.0	100		07/18/23 00:54	79-01-6	
Trichlorofluoromethane	**<41.9**	ug/L	100	41.9	100		07/18/23 00:54	75-69-4	
Vinyl chloride	**<17.4**	ug/L	100	17.4	100		07/18/23 00:54	75-01-4	
cis-1,2-Dichloroethene	**<47.2**	ug/L	100	47.2	100		07/18/23 00:54	156-59-2	
cis-1,3-Dichloropropene	**<23.7**	ug/L	100	23.7	100		07/18/23 00:54	10061-01-5	
m&p-Xylene	**595**	ug/L	200	70.0	100		07/18/23 00:54	179601-23-1	
n-Butylbenzene	**<85.7**	ug/L	100	85.7	100		07/18/23 00:54	104-51-8	
n-Heptane	**<163**	ug/L	500	163	100		07/18/23 00:54	142-82-5	
n-Hexane	**<146**	ug/L	500	146	100		07/18/23 00:54	110-54-3	
n-Propylbenzene	**<34.5**	ug/L	100	34.5	100		07/18/23 00:54	103-65-1	
o-Xylene	**122**	ug/L	100	34.8	100		07/18/23 00:54	95-47-6	
p-Isopropyltoluene	**<104**	ug/L	500	104	100		07/18/23 00:54	99-87-6	
sec-Butylbenzene	**<42.4**	ug/L	100	42.4	100		07/18/23 00:54	135-98-8	
tert-Butylbenzene	**<58.6**	ug/L	100	58.6	100		07/18/23 00:54	98-06-6	
trans-1,2-Dichloroethene	**<52.8**	ug/L	100	52.8	100		07/18/23 00:54	156-60-5	
trans-1,3-Dichloropropene	**<26.5**	ug/L	100	26.5	100		07/18/23 00:54	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		100		07/18/23 00:54	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		100		07/18/23 00:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		100		07/18/23 00:54	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-118-31 **Lab ID: 40265030021** Collected: 07/11/23 17:00 Received: 07/13/23 08:45 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	**<17.8**	ug/L	50.0	17.8	50		07/18/23 01:14	630-20-6	
1,1,1-Trichloroethane	**<15.1**	ug/L	50.0	15.1	50		07/18/23 01:14	71-55-6	
1,1,2,2-Tetrachloroethane	**<18.9**	ug/L	50.0	18.9	50		07/18/23 01:14	79-34-5	
1,1,2-Trichloroethane	**<17.2**	ug/L	50.0	17.2	50		07/18/23 01:14	79-00-5	
1,1-Dichloroethane	**<14.8**	ug/L	50.0	14.8	50		07/18/23 01:14	75-34-3	
1,1-Dichloroethene	**<29.1**	ug/L	50.0	29.1	50		07/18/23 01:14	75-35-4	
1,1-Dichloropropene	**<20.5**	ug/L	50.0	20.5	50		07/18/23 01:14	563-58-6	
1,2,3-Trichlorobenzene	**<50.9**	ug/L	250	50.9	50		07/18/23 01:14	87-61-6	
1,2,3-Trichloropropane	**<27.8**	ug/L	50.0	27.8	50		07/18/23 01:14	96-18-4	
1,2,4-Trichlorobenzene	**<47.5**	ug/L	250	47.5	50		07/18/23 01:14	120-82-1	
1,2,4-Trimethylbenzene	**53.5**	ug/L	50.0	22.4	50		07/18/23 01:14	95-63-6	
1,2-Dibromo-3-chloropropane	**<118**	ug/L	250	118	50		07/18/23 01:14	96-12-8	
1,2-Dibromoethane (EDB)	**<15.5**	ug/L	50.0	15.5	50		07/18/23 01:14	106-93-4	
1,2-Dichlorobenzene	**<16.3**	ug/L	50.0	16.3	50		07/18/23 01:14	95-50-1	
1,2-Dichloroethane	**<14.6**	ug/L	50.0	14.6	50		07/18/23 01:14	107-06-2	
1,2-Dichloropropane	**<22.4**	ug/L	50.0	22.4	50		07/18/23 01:14	78-87-5	
1,3,5-Trimethylbenzene	**21.2J**	ug/L	50.0	17.9	50		07/18/23 01:14	108-67-8	
1,3-Dichlorobenzene	**<17.6**	ug/L	50.0	17.6	50		07/18/23 01:14	541-73-1	
1,3-Dichloropropane	**<15.2**	ug/L	50.0	15.2	50		07/18/23 01:14	142-28-9	
1,4-Dichlorobenzene	**<44.6**	ug/L	50.0	44.6	50		07/18/23 01:14	106-46-7	
2,2-Dichloropropane	**<20.9**	ug/L	50.0	20.9	50		07/18/23 01:14	594-20-7	
2-Chlorotoluene	**<44.5**	ug/L	250	44.5	50		07/18/23 01:14	95-49-8	
4-Chlorotoluene	**<44.7**	ug/L	250	44.7	50		07/18/23 01:14	106-43-4	
Benzene	**10300**	ug/L	50.0	14.8	50		07/18/23 01:14	71-43-2	
Bromobenzene	**<18.0**	ug/L	50.0	18.0	50		07/18/23 01:14	108-86-1	
Bromochloromethane	**<17.9**	ug/L	50.0	17.9	50		07/18/23 01:14	74-97-5	
Bromodichloromethane	**<20.8**	ug/L	50.0	20.8	50		07/18/23 01:14	75-27-4	
Bromoform	**<21.4**	ug/L	50.0	21.4	50		07/18/23 01:14	75-25-2	
Bromomethane	**<59.6**	ug/L	250	59.6	50		07/18/23 01:14	74-83-9	
Carbon tetrachloride	**<18.5**	ug/L	50.0	18.5	50		07/18/23 01:14	56-23-5	
Chlorobenzene	**<42.8**	ug/L	50.0	42.8	50		07/18/23 01:14	108-90-7	
Chloroethane	**<69.0**	ug/L	250	69.0	50		07/18/23 01:14	75-00-3	
Chloroform	**<25.2**	ug/L	250	25.2	50		07/18/23 01:14	67-66-3	
Chloromethane	**<81.8**	ug/L	250	81.8	50		07/18/23 01:14	74-87-3	
Cyclohexane	**366**	ug/L	250	64.4	50		07/18/23 01:14	110-82-7	
Dibromochloromethane	**<132**	ug/L	250	132	50		07/18/23 01:14	124-48-1	
Dibromomethane	**<49.5**	ug/L	250	49.5	50		07/18/23 01:14	74-95-3	
Dichlorodifluoromethane	**<22.8**	ug/L	250	22.8	50		07/18/23 01:14	75-71-8	
Diisopropyl ether	**<55.0**	ug/L	250	55.0	50		07/18/23 01:14	108-20-3	
Ethylbenzene	**155**	ug/L	50.0	16.3	50		07/18/23 01:14	100-41-4	
Hexachloro-1,3-butadiene	**<137**	ug/L	250	137	50		07/18/23 01:14	87-68-3	
Isopropylbenzene (Cumene)	**<50.0**	ug/L	250	50.0	50		07/18/23 01:14	98-82-8	
Methyl-tert-butyl ether	**<56.5**	ug/L	250	56.5	50		07/18/23 01:14	1634-04-4	
Methylcyclohexane	**99.9J**	ug/L	250	59.7	50		07/18/23 01:14	108-87-2	
Methylene Chloride	**<16.0**	ug/L	250	16.0	50		07/18/23 01:14	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-118-31 **Lab ID: 40265030021** Collected: 07/11/23 17:00 Received: 07/13/23 08:45 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	**<95.9**	ug/L	250	95.9	50		07/18/23 01:14	91-20-3	
Styrene	**<17.8**	ug/L	50.0	17.8	50		07/18/23 01:14	100-42-5	
Tetrachloroethene	**<20.4**	ug/L	50.0	20.4	50		07/18/23 01:14	127-18-4	
Toluene	**1830**	ug/L	50.0	14.4	50		07/18/23 01:14	108-88-3	
Trichloroethene	**<16.0**	ug/L	50.0	16.0	50		07/18/23 01:14	79-01-6	
Trichlorofluoromethane	**<20.9**	ug/L	50.0	20.9	50		07/18/23 01:14	75-69-4	
Vinyl chloride	**<8.7**	ug/L	50.0	8.7	50		07/18/23 01:14	75-01-4	
cis-1,2-Dichloroethene	**<23.6**	ug/L	50.0	23.6	50		07/18/23 01:14	156-59-2	
cis-1,3-Dichloropropene	**<11.9**	ug/L	50.0	11.9	50		07/18/23 01:14	10061-01-5	
m&p-Xylene	**403**	ug/L	100	35.0	50		07/18/23 01:14	179601-23-1	
n-Butylbenzene	**<42.9**	ug/L	50.0	42.9	50		07/18/23 01:14	104-51-8	
n-Heptane	**<81.6**	ug/L	250	81.6	50		07/18/23 01:14	142-82-5	
n-Hexane	**<73.1**	ug/L	250	73.1	50		07/18/23 01:14	110-54-3	
n-Propylbenzene	**<17.3**	ug/L	50.0	17.3	50		07/18/23 01:14	103-65-1	
o-Xylene	**95.5**	ug/L	50.0	17.4	50		07/18/23 01:14	95-47-6	
p-Isopropyltoluene	**<52.2**	ug/L	250	52.2	50		07/18/23 01:14	99-87-6	
sec-Butylbenzene	**<21.2**	ug/L	50.0	21.2	50		07/18/23 01:14	135-98-8	
tert-Butylbenzene	**<29.3**	ug/L	50.0	29.3	50		07/18/23 01:14	98-06-6	
trans-1,2-Dichloroethene	**<26.4**	ug/L	50.0	26.4	50		07/18/23 01:14	156-60-5	
trans-1,3-Dichloropropene	**<13.3**	ug/L	50.0	13.3	50		07/18/23 01:14	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		50		07/18/23 01:14	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		50		07/18/23 01:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		50		07/18/23 01:14	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-05-60 **Lab ID: 40265030022** Collected: 07/12/23 08:50 Received: 07/13/23 08:45 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		07/17/23 23:37	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:37	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/17/23 23:37	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/17/23 23:37	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:37	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/17/23 23:37	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 23:37	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:37	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/17/23 23:37	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/17/23 23:37	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/17/23 23:37	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/17/23 23:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/17/23 23:37	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 23:37	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/17/23 23:37	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/17/23 23:37	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:37	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:37	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:37	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/17/23 23:37	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:37	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 23:37	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 23:37	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:37	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:37	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:37	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/17/23 23:37	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 23:37	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/17/23 23:37	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 23:37	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/17/23 23:37	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/17/23 23:37	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 23:37	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/17/23 23:37	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/17/23 23:37	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/17/23 23:37	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/17/23 23:37	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 23:37	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 23:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/17/23 23:37	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:37	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 23:37	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 23:37	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/17/23 23:37	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-05-60 **Lab ID: 40265030022** Collected: 07/12/23 08:50 Received: 07/13/23 08:45 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		07/17/23 23:37	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:37	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 23:37	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/17/23 23:37	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/17/23 23:37	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:37	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/17/23 23:37	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/17/23 23:37	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/17/23 23:37	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/17/23 23:37	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 23:37	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 23:37	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/17/23 23:37	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:37	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:37	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:37	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:37	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/17/23 23:37	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/17/23 23:37	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/17/23 23:37	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/17/23 23:37	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/17/23 23:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/17/23 23:37	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-09-60 **Lab ID: 40265030023** Collected: 07/12/23 10:15 Received: 07/13/23 08:45 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		07/17/23 21:40	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 21:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/17/23 21:40	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/17/23 21:40	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 21:40	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/17/23 21:40	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 21:40	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 21:40	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/17/23 21:40	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/17/23 21:40	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/17/23 21:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/17/23 21:40	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/17/23 21:40	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 21:40	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/17/23 21:40	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/17/23 21:40	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 21:40	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 21:40	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 21:40	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/17/23 21:40	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 21:40	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 21:40	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 21:40	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/17/23 21:40	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 21:40	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/17/23 21:40	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 21:40	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/17/23 21:40	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 21:40	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/17/23 21:40	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 21:40	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/17/23 21:40	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/17/23 21:40	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 21:40	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/17/23 21:40	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/17/23 21:40	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/17/23 21:40	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/17/23 21:40	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 21:40	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 21:40	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/17/23 21:40	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/17/23 21:40	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 21:40	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 21:40	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/17/23 21:40	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-09-60 **Lab ID: 40265030023** Collected: 07/12/23 10:15 Received: 07/13/23 08:45 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		07/17/23 21:40	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 21:40	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 21:40	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/17/23 21:40	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/17/23 21:40	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 21:40	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/17/23 21:40	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/17/23 21:40	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/17/23 21:40	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/17/23 21:40	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 21:40	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 21:40	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/17/23 21:40	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 21:40	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 21:40	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 21:40	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/17/23 21:40	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/17/23 21:40	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/17/23 21:40	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/17/23 21:40	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/17/23 21:40	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/17/23 21:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		07/17/23 21:40	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-13-33 **Lab ID: 40265030024** Collected: 07/12/23 10:25 Received: 07/13/23 08:45 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		07/17/23 23:56	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/17/23 23:56	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/17/23 23:56	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:56	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/17/23 23:56	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 23:56	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:56	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/17/23 23:56	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/17/23 23:56	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/17/23 23:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/17/23 23:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/17/23 23:56	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 23:56	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/17/23 23:56	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/17/23 23:56	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:56	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:56	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:56	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/17/23 23:56	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:56	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 23:56	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 23:56	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/17/23 23:56	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:56	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:56	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:56	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/17/23 23:56	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 23:56	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/17/23 23:56	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 23:56	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/17/23 23:56	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/17/23 23:56	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 23:56	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/17/23 23:56	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/17/23 23:56	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/17/23 23:56	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/17/23 23:56	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 23:56	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 23:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/17/23 23:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:56	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 23:56	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 23:56	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/17/23 23:56	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-13-33 **Lab ID: 40265030024** Collected: 07/12/23 10:25 Received: 07/13/23 08:45 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		07/17/23 23:56	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 23:56	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 23:56	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/17/23 23:56	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/17/23 23:56	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:56	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/17/23 23:56	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/17/23 23:56	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/17/23 23:56	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/17/23 23:56	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 23:56	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 23:56	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/17/23 23:56	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:56	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 23:56	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 23:56	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/17/23 23:56	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/17/23 23:56	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/17/23 23:56	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/17/23 23:56	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/17/23 23:56	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/17/23 23:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/17/23 23:56	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-07-60 **Lab ID: 40265030025** Collected: 07/12/23 11:35 Received: 07/13/23 08:45 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		07/18/23 10:37	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/18/23 10:37	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/18/23 10:37	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/18/23 10:37	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/18/23 10:37	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/18/23 10:37	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/18/23 10:37	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/18/23 10:37	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/18/23 10:37	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/18/23 10:37	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/18/23 10:37	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/18/23 10:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/18/23 10:37	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/18/23 10:37	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/18/23 10:37	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/18/23 10:37	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/18/23 10:37	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/18/23 10:37	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/18/23 10:37	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/18/23 10:37	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/18/23 10:37	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/18/23 10:37	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/18/23 10:37	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/18/23 10:37	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/18/23 10:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/18/23 10:37	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/18/23 10:37	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/18/23 10:37	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/18/23 10:37	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/18/23 10:37	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/18/23 10:37	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/18/23 10:37	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/18/23 10:37	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/18/23 10:37	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/18/23 10:37	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/18/23 10:37	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/18/23 10:37	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/18/23 10:37	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/18/23 10:37	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/18/23 10:37	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/18/23 10:37	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/18/23 10:37	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/18/23 10:37	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/18/23 10:37	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/18/23 10:37	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-07-60 **Lab ID: 40265030025** Collected: 07/12/23 11:35 Received: 07/13/23 08:45 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		07/18/23 10:37	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/18/23 10:37	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/18/23 10:37	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/18/23 10:37	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/18/23 10:37	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/18/23 10:37	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/18/23 10:37	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/18/23 10:37	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/18/23 10:37	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/18/23 10:37	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/18/23 10:37	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/18/23 10:37	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/18/23 10:37	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/18/23 10:37	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/18/23 10:37	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/18/23 10:37	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/18/23 10:37	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/18/23 10:37	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/18/23 10:37	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/18/23 10:37	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/18/23 10:37	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		07/18/23 10:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/18/23 10:37	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-07-32 **Lab ID: 40265030026** Collected: 07/12/23 12:05 Received: 07/13/23 08:45 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		07/17/23 22:38	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/17/23 22:38	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/17/23 22:38	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:38	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/17/23 22:38	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 22:38	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 22:38	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/17/23 22:38	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/17/23 22:38	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/17/23 22:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/17/23 22:38	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/17/23 22:38	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 22:38	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/17/23 22:38	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/17/23 22:38	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:38	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 22:38	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:38	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/17/23 22:38	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:38	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 22:38	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 22:38	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:38	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:38	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:38	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:38	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/17/23 22:38	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 22:38	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/17/23 22:38	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 22:38	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/17/23 22:38	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/17/23 22:38	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 22:38	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/17/23 22:38	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/17/23 22:38	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/17/23 22:38	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/17/23 22:38	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 22:38	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 22:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/17/23 22:38	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/17/23 22:38	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 22:38	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 22:38	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/17/23 22:38	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-07-32 **Lab ID: 40265030026** Collected: 07/12/23 12:05 Received: 07/13/23 08:45 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		07/17/23 22:38	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:38	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 22:38	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/17/23 22:38	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/17/23 22:38	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:38	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/17/23 22:38	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/17/23 22:38	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/17/23 22:38	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/17/23 22:38	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 22:38	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 22:38	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/17/23 22:38	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 22:38	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 22:38	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 22:38	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:38	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/17/23 22:38	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/17/23 22:38	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/17/23 22:38	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/17/23 22:38	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/17/23 22:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/17/23 22:38	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-11-32 **Lab ID: 40265030027** Collected: 07/12/23 13:15 Received: 07/13/23 08:45 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		07/18/23 00:15	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/18/23 00:15	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/18/23 00:15	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/18/23 00:15	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/18/23 00:15	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/18/23 00:15	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/18/23 00:15	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/18/23 00:15	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/18/23 00:15	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/18/23 00:15	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/18/23 00:15	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/18/23 00:15	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/18/23 00:15	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/18/23 00:15	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/18/23 00:15	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/18/23 00:15	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/18/23 00:15	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/18/23 00:15	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/18/23 00:15	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/18/23 00:15	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/18/23 00:15	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/18/23 00:15	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/18/23 00:15	106-43-4	
Benzene	**0.48J**	ug/L	1.0	0.30	1		07/18/23 00:15	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/18/23 00:15	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/18/23 00:15	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/18/23 00:15	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/18/23 00:15	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/18/23 00:15	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/18/23 00:15	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/18/23 00:15	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/18/23 00:15	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/18/23 00:15	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/18/23 00:15	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/18/23 00:15	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/18/23 00:15	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/18/23 00:15	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/18/23 00:15	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/18/23 00:15	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/18/23 00:15	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/18/23 00:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/18/23 00:15	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/18/23 00:15	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/18/23 00:15	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/18/23 00:15	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-11-32 **Lab ID: 40265030027** Collected: 07/12/23 13:15 Received: 07/13/23 08:45 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		07/18/23 00:15	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/18/23 00:15	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/18/23 00:15	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/18/23 00:15	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/18/23 00:15	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/18/23 00:15	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/18/23 00:15	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/18/23 00:15	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/18/23 00:15	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/18/23 00:15	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/18/23 00:15	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/18/23 00:15	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/18/23 00:15	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/18/23 00:15	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/18/23 00:15	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/18/23 00:15	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/18/23 00:15	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/18/23 00:15	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/18/23 00:15	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/18/23 00:15	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/18/23 00:15	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/18/23 00:15	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/18/23 00:15	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-09-33 **Lab ID: 40265030028** Collected: 07/12/23 14:15 Received: 07/13/23 08:45 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		07/17/23 22:58	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/17/23 22:58	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/17/23 22:58	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:58	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/17/23 22:58	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 22:58	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 22:58	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/17/23 22:58	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/17/23 22:58	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/17/23 22:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/17/23 22:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/17/23 22:58	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 22:58	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/17/23 22:58	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/17/23 22:58	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:58	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 22:58	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:58	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/17/23 22:58	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:58	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 22:58	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/17/23 22:58	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/17/23 22:58	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:58	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:58	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/17/23 22:58	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 22:58	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/17/23 22:58	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 22:58	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/17/23 22:58	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/17/23 22:58	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 22:58	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/17/23 22:58	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/17/23 22:58	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/17/23 22:58	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/17/23 22:58	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 22:58	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/17/23 22:58	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/17/23 22:58	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/17/23 22:58	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/17/23 22:58	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/17/23 22:58	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/17/23 22:58	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: MW-09-33 **Lab ID: 40265030028** Collected: 07/12/23 14:15 Received: 07/13/23 08:45 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		07/17/23 22:58	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/17/23 22:58	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/17/23 22:58	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/17/23 22:58	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/17/23 22:58	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:58	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/17/23 22:58	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/17/23 22:58	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/17/23 22:58	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/17/23 22:58	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/17/23 22:58	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/17/23 22:58	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/17/23 22:58	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 22:58	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/17/23 22:58	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/17/23 22:58	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/17/23 22:58	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/17/23 22:58	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/17/23 22:58	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/17/23 22:58	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/17/23 22:58	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/17/23 22:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/17/23 22:58	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: EB71223A **Lab ID: 40265030029** Collected: 07/12/23 14:00 Received: 07/13/23 08:45 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		07/20/23 13:44	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 13:44	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/20/23 13:44	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/20/23 13:44	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 13:44	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/20/23 13:44	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 13:44	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 13:44	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/20/23 13:44	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/20/23 13:44	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/20/23 13:44	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/20/23 13:44	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/20/23 13:44	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 13:44	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/20/23 13:44	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/20/23 13:44	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 13:44	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 13:44	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 13:44	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/20/23 13:44	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 13:44	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 13:44	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 13:44	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/20/23 13:44	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 13:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/20/23 13:44	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 13:44	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/20/23 13:44	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 13:44	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/20/23 13:44	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 13:44	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/20/23 13:44	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/20/23 13:44	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 13:44	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/20/23 13:44	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/20/23 13:44	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/20/23 13:44	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/20/23 13:44	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 13:44	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 13:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/20/23 13:44	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/20/23 13:44	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 13:44	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 13:44	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/20/23 13:44	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: EB71223A **Lab ID: 40265030029** Collected: 07/12/23 14:00 Received: 07/13/23 08:45 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		07/20/23 13:44	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 13:44	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 13:44	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/20/23 13:44	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/20/23 13:44	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 13:44	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/20/23 13:44	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/20/23 13:44	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/20/23 13:44	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/20/23 13:44	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 13:44	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 13:44	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/20/23 13:44	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 13:44	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 13:44	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 13:44	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/20/23 13:44	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/20/23 13:44	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/20/23 13:44	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/20/23 13:44	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/20/23 13:44	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/20/23 13:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/20/23 13:44	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: EB71223B **Lab ID: 40265030030** Collected: 07/12/23 14:05 Received: 07/13/23 08:45 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		07/20/23 14:03	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/20/23 14:03	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/20/23 14:03	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:03	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/20/23 14:03	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 14:03	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:03	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/20/23 14:03	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/20/23 14:03	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/20/23 14:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/20/23 14:03	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/20/23 14:03	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 14:03	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/20/23 14:03	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/20/23 14:03	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:03	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:03	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:03	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/20/23 14:03	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:03	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 14:03	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 14:03	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:03	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:03	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:03	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:03	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/20/23 14:03	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 14:03	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/20/23 14:03	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 14:03	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/20/23 14:03	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/20/23 14:03	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 14:03	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/20/23 14:03	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/20/23 14:03	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/20/23 14:03	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/20/23 14:03	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 14:03	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 14:03	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/20/23 14:03	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:03	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 14:03	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 14:03	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/20/23 14:03	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: EB71223B **Lab ID: 40265030030** Collected: 07/12/23 14:05 Received: 07/13/23 08:45 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		07/20/23 14:03	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:03	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 14:03	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/20/23 14:03	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/20/23 14:03	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:03	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/20/23 14:03	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/20/23 14:03	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/20/23 14:03	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/20/23 14:03	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 14:03	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 14:03	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/20/23 14:03	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:03	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:03	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:03	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:03	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/20/23 14:03	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/20/23 14:03	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/20/23 14:03	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/20/23 14:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		07/20/23 14:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/20/23 14:03	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: EB71223C **Lab ID: 40265030031** Collected: 07/12/23 14:10 Received: 07/13/23 08:45 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		07/20/23 14:23	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:23	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/20/23 14:23	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/20/23 14:23	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:23	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/20/23 14:23	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 14:23	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:23	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/20/23 14:23	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/20/23 14:23	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/20/23 14:23	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/20/23 14:23	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/20/23 14:23	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 14:23	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/20/23 14:23	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/20/23 14:23	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:23	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:23	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:23	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/20/23 14:23	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:23	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 14:23	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 14:23	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:23	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:23	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:23	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:23	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/20/23 14:23	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 14:23	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/20/23 14:23	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 14:23	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/20/23 14:23	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/20/23 14:23	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 14:23	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/20/23 14:23	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/20/23 14:23	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/20/23 14:23	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/20/23 14:23	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 14:23	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 14:23	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/20/23 14:23	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:23	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 14:23	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 14:23	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/20/23 14:23	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: EB71223C **Lab ID: 40265030031** Collected: 07/12/23 14:10 Received: 07/13/23 08:45 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		07/20/23 14:23	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:23	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 14:23	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/20/23 14:23	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/20/23 14:23	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:23	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/20/23 14:23	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/20/23 14:23	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/20/23 14:23	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/20/23 14:23	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 14:23	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 14:23	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/20/23 14:23	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:23	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:23	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:23	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:23	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/20/23 14:23	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/20/23 14:23	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/20/23 14:23	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/20/23 14:23	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/20/23 14:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/20/23 14:23	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: TB71223A **Lab ID: 40265030032** Collected: 07/12/23 00:00 Received: 07/13/23 08:45 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		07/20/23 14:42	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/20/23 14:42	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/20/23 14:42	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:42	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/20/23 14:42	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 14:42	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:42	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/20/23 14:42	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/20/23 14:42	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/20/23 14:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/20/23 14:42	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/20/23 14:42	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 14:42	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/20/23 14:42	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/20/23 14:42	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:42	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:42	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:42	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/20/23 14:42	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:42	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 14:42	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 14:42	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/20/23 14:42	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:42	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:42	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:42	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/20/23 14:42	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 14:42	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/20/23 14:42	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 14:42	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/20/23 14:42	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/20/23 14:42	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 14:42	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/20/23 14:42	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/20/23 14:42	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/20/23 14:42	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/20/23 14:42	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 14:42	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 14:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/20/23 14:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:42	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 14:42	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 14:42	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/20/23 14:42	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: TB71223A **Lab ID: 40265030032** Collected: 07/12/23 00:00 Received: 07/13/23 08:45 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		07/20/23 14:42	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 14:42	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 14:42	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/20/23 14:42	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/20/23 14:42	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:42	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/20/23 14:42	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/20/23 14:42	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/20/23 14:42	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/20/23 14:42	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 14:42	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 14:42	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/20/23 14:42	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:42	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 14:42	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 14:42	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/20/23 14:42	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/20/23 14:42	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/20/23 14:42	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/20/23 14:42	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/20/23 14:42	2037-26-5	HS
4-Bromofluorobenzene (S)	98	%	70-130		1		07/20/23 14:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/20/23 14:42	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: TB71223B **Lab ID: 40265030033** Collected: 07/12/23 00:00 Received: 07/13/23 08:45 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		07/20/23 15:02	630-20-6	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 15:02	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/20/23 15:02	79-34-5	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		07/20/23 15:02	79-00-5	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 15:02	75-34-3	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/20/23 15:02	75-35-4	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 15:02	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 15:02	87-61-6	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		07/20/23 15:02	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/20/23 15:02	120-82-1	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/20/23 15:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/20/23 15:02	96-12-8	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/20/23 15:02	106-93-4	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 15:02	95-50-1	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/20/23 15:02	107-06-2	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/20/23 15:02	78-87-5	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 15:02	108-67-8	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 15:02	541-73-1	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/20/23 15:02	142-28-9	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/20/23 15:02	106-46-7	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 15:02	594-20-7	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 15:02	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/20/23 15:02	106-43-4	
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/20/23 15:02	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 15:02	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		07/20/23 15:02	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 15:02	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		07/20/23 15:02	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 15:02	74-83-9	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/20/23 15:02	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 15:02	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/20/23 15:02	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		07/20/23 15:02	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 15:02	74-87-3	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/20/23 15:02	110-82-7	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/20/23 15:02	124-48-1	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/20/23 15:02	74-95-3	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/20/23 15:02	75-71-8	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 15:02	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/20/23 15:02	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/20/23 15:02	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/20/23 15:02	98-82-8	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/20/23 15:02	1634-04-4	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/20/23 15:02	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/20/23 15:02	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

Sample: TB71223B **Lab ID: 40265030033** Collected: 07/12/23 00:00 Received: 07/13/23 08:45 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		07/20/23 15:02	91-20-3	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/20/23 15:02	100-42-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/20/23 15:02	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/20/23 15:02	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/20/23 15:02	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/20/23 15:02	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/20/23 15:02	75-01-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/20/23 15:02	156-59-2	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		07/20/23 15:02	10061-01-5	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/20/23 15:02	179601-23-1	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/20/23 15:02	104-51-8	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/20/23 15:02	142-82-5	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/20/23 15:02	110-54-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 15:02	103-65-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/20/23 15:02	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/20/23 15:02	99-87-6	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/20/23 15:02	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/20/23 15:02	98-06-6	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/20/23 15:02	156-60-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		07/20/23 15:02	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		07/20/23 15:02	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/20/23 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/20/23 15:02	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 769446
QC Batch Method: RSK-175
Analysis Method: RSK-175
Analysis Description: Biodegradation Indicator Gases
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030011, 40265030012, 40265030019

METHOD BLANK: 2503184 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030011, 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<3.8	10	07/25/23 11:00	
Ethane	ug/L	<0.90	5.0	07/25/23 11:00	
Ethene	ug/L	<0.79	5.0	07/25/23 11:00	
tert Butyl Methyl-d3 Ether (S)	%	106	50-150	07/25/23 11:00	

LABORATORY CONTROL SAMPLE & LCSD: 2503185 2503186

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	940	860	830	91	88	70-130	4	30	
Ethane	ug/L	240	220	210	91	87	70-130	4	30	
Ethene	ug/L	300	270	260	92	88	70-130	4	30	
tert Butyl Methyl-d3 Ether (S)	%				361	93.4	50-150			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 769514 | Analysis Method: RSK-175
QC Batch Method: RSK-175 | Analysis Description: EPA RSK 175 CO2
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030011, 40265030012, 40265030019

METHOD BLANK: 2503539 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030011, 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	659J	1200	07/25/23 14:22	B0

LABORATORY CONTROL SAMPLE & LCSD: 2503540 2503541

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon dioxide	ug/L	33800	38800	37900	115	112	38-147	2	40	

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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: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 449763
QC Batch Method: EPA 6010D
Analysis Method: EPA 6010D
Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011, 40265030012, 40265030019

METHOD BLANK: 2583595 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011, 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	07/14/23 16:39	
Manganese, Dissolved	ug/L	1.1J	5.0	07/14/23 16:39	

LABORATORY CONTROL SAMPLE: 2583596

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: 2583597 2583598

Parameter	Units	40264824001 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	<29.6	10000	10000	10700	10700	107	107	75-125	0	20	
Manganese, Dissolved	ug/L	28.5	250	250	292	290	105	105	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 449701
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011, 40265030012, 40265030019

METHOD BLANK: 2583132 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011, 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	07/14/23 15:27	
Manganese	ug/L	<1.5	5.0	07/14/23 15:27	

LABORATORY CONTROL SAMPLE: 2583133

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9820	98	80-120	
Manganese	ug/L	250	249	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583134 2583135

Parameter	Units	40265030001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	<56.7	10000	10000	9950	9760	99	97	75-125	2	20	
Manganese	ug/L	<1.5	250	250	251	246	100	98	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 449708
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265030001, 40265030002, 40265030003, 40265030004, 40265030005, 40265030006, 40265030007, 40265030008, 40265030009, 40265030010, 40265030011, 40265030012, 40265030013, 40265030014, 40265030015, 40265030016, 40265030017, 40265030018

METHOD BLANK: 2583144
Matrix: Water
Associated Lab Samples: 40265030001, 40265030002, 40265030003, 40265030004, 40265030005, 40265030006, 40265030007, 40265030008, 40265030009, 40265030010, 40265030011, 40265030012, 40265030013, 40265030014, 40265030015, 40265030016, 40265030017, 40265030018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/14/23 11:30	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/14/23 11:30	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/14/23 11:30	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	07/14/23 11:30	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/14/23 11:30	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/14/23 11:30	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/14/23 11:30	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/14/23 11:30	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	07/14/23 11:30	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/14/23 11:30	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/14/23 11:30	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/14/23 11:30	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/14/23 11:30	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/14/23 11:30	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/14/23 11:30	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/14/23 11:30	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/14/23 11:30	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/14/23 11:30	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/14/23 11:30	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/14/23 11:30	
2,2-Dichloropropane	ug/L	<0.42	1.0	07/14/23 11:30	
2-Chlorotoluene	ug/L	<0.89	5.0	07/14/23 11:30	
4-Chlorotoluene	ug/L	<0.89	5.0	07/14/23 11:30	
Benzene	ug/L	<0.30	1.0	07/14/23 11:30	
Bromobenzene	ug/L	<0.36	1.0	07/14/23 11:30	
Bromochloromethane	ug/L	<0.36	1.0	07/14/23 11:30	
Bromodichloromethane	ug/L	<0.42	1.0	07/14/23 11:30	
Bromoform	ug/L	<0.43	1.0	07/14/23 11:30	
Bromomethane	ug/L	<1.2	5.0	07/14/23 11:30	
Carbon tetrachloride	ug/L	<0.37	1.0	07/14/23 11:30	
Chlorobenzene	ug/L	<0.86	1.0	07/14/23 11:30	
Chloroethane	ug/L	<1.4	5.0	07/14/23 11:30	
Chloroform	ug/L	<0.50	5.0	07/14/23 11:30	
Chloromethane	ug/L	<1.6	5.0	07/14/23 11:30	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/14/23 11:30	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	07/14/23 11:30	
Cyclohexane	ug/L	<1.3	5.0	07/14/23 11:30	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

METHOD BLANK: 2583144 Matrix: Water

Associated Lab Samples: 40265030001, 40265030002, 40265030003, 40265030004, 40265030005, 40265030006, 40265030007, 40265030008, 40265030009, 40265030010, 40265030011, 40265030012, 40265030013, 40265030014, 40265030015, 40265030016, 40265030017, 40265030018

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<2.6	5.0	07/14/23 11:30	
Dibromomethane	ug/L	<0.99	5.0	07/14/23 11:30	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/14/23 11:30	
Diisopropyl ether	ug/L	<1.1	5.0	07/14/23 11:30	
Ethylbenzene	ug/L	<0.33	1.0	07/14/23 11:30	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/14/23 11:30	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/14/23 11:30	
m&p-Xylene	ug/L	<0.70	2.0	07/14/23 11:30	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/14/23 11:30	
Methylcyclohexane	ug/L	<1.2	5.0	07/14/23 11:30	
Methylene Chloride	ug/L	<0.32	5.0	07/14/23 11:30	
n-Butylbenzene	ug/L	<0.86	1.0	07/14/23 11:30	
n-Heptane	ug/L	<1.6	5.0	07/14/23 11:30	
n-Hexane	ug/L	<1.5	5.0	07/14/23 11:30	
n-Propylbenzene	ug/L	<0.35	1.0	07/14/23 11:30	
Naphthalene	ug/L	<1.9	5.0	07/14/23 11:30	
o-Xylene	ug/L	<0.35	1.0	07/14/23 11:30	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/14/23 11:30	
sec-Butylbenzene	ug/L	<0.42	1.0	07/14/23 11:30	
Styrene	ug/L	<0.36	1.0	07/14/23 11:30	
tert-Butylbenzene	ug/L	<0.59	1.0	07/14/23 11:30	
Tetrachloroethene	ug/L	<0.41	1.0	07/14/23 11:30	
Toluene	ug/L	<0.29	1.0	07/14/23 11:30	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/14/23 11:30	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	07/14/23 11:30	
Trichloroethene	ug/L	<0.32	1.0	07/14/23 11:30	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/14/23 11:30	
Vinyl chloride	ug/L	<0.17	1.0	07/14/23 11:30	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	07/14/23 11:30	
4-Bromofluorobenzene (S)	%	102	70-130	07/14/23 11:30	
Toluene-d8 (S)	%	105	70-130	07/14/23 11:30	

LABORATORY CONTROL SAMPLE: 2583145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	45.4	91	69-130	
1,1,2-Trichloroethane	ug/L	50	48.4	97	70-130	
1,1-Dichloroethane	ug/L	50	49.9	100	70-130	
1,1-Dichloroethene	ug/L	50	51.5	103	74-131	
1,2,4-Trichlorobenzene	ug/L	50	44.1	88	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.8	82	64-137	

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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: 31406019.70SC L13MP312
Pace Project No.: 40265030

LABORATORY CONTROL SAMPLE: 2583145

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	46.6	93	70-130	
1,2-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,2-Dichloroethane	ug/L	50	48.2	96	70-137	
1,2-Dichloropropane	ug/L	50	46.1	92	80-121	
1,3-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,4-Dichlorobenzene	ug/L	50	45.9	92	70-130	
Benzene	ug/L	50	49.6	99	70-130	
Bromodichloromethane	ug/L	50	48.1	96	70-130	
Bromoform	ug/L	50	46.4	93	70-130	
Bromomethane	ug/L	50	40.7	81	21-147	
Carbon tetrachloride	ug/L	50	51.2	102	80-146	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	46.7	93	52-165	
Chloroform	ug/L	50	50.3	101	80-123	
Chloromethane	ug/L	50	43.9	88	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.0	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	70-130	
Cyclohexane	ug/L	50	49.2	98	50-150	
Dibromochloromethane	ug/L	50	47.9	96	70-130	
Dichlorodifluoromethane	ug/L	50	34.7	69	25-121	
Ethylbenzene	ug/L	50	51.0	102	80-120	
Isopropylbenzene (Cumene)	ug/L	50	47.7	95	70-130	
m&p-Xylene	ug/L	100	97.8	98	70-130	
Methyl-tert-butyl ether	ug/L	50	49.1	98	70-130	
Methylcyclohexane	ug/L	50	49.8	100	50-150	
Methylene Chloride	ug/L	50	49.8	100	70-130	
o-Xylene	ug/L	50	48.7	97	70-130	
Styrene	ug/L	50	57.2	114	70-130	
Tetrachloroethene	ug/L	50	49.9	100	70-130	
Toluene	ug/L	50	50.1	100	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.1	98	70-130	
Trichloroethene	ug/L	50	48.9	98	70-130	
Trichlorofluoromethane	ug/L	50	50.4	101	65-160	
Vinyl chloride	ug/L	50	49.1	98	63-134	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583313 2583314

Parameter	Units	40265030015 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	53.1	54.0	106	108	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.8	48.7	96	97	61-135	2	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2583313 2583314

Parameter	Units	40265030015 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	50.5	49.5	101	99	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.2	53.6	104	107	70-130	3	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	52.5	54.1	105	108	71-130	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.1	49.1	96	98	68-131	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	46.0	47.4	92	95	51-141	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	49.1	50.0	98	100	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	49.6	51.0	99	102	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	49.4	52.9	99	106	70-137	7	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	49.3	49.3	99	99	80-121	0	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.7	53.7	105	107	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	48.4	47.9	97	96	70-130	1	20	
Benzene	ug/L	<0.30	50	50	52.0	53.0	104	106	70-130	2	20	
Bromodichloromethane	ug/L	<0.42	50	50	49.6	51.0	99	102	70-130	3	20	
Bromoform	ug/L	<0.43	50	50	51.0	51.2	102	102	70-133	1	20	
Bromomethane	ug/L	<1.2	50	50	45.0	47.0	90	94	21-149	4	22	
Carbon tetrachloride	ug/L	<0.37	50	50	53.1	54.3	106	109	80-146	2	20	
Chlorobenzene	ug/L	<0.86	50	50	51.2	52.4	102	105	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	48.6	49.3	97	99	52-165	2	20	
Chloroform	ug/L	<0.50	50	50	51.8	52.5	104	105	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	47.4	47.1	92	91	42-125	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.1	52.8	102	106	70-130	3	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	51.2	52.8	102	106	70-130	3	20	
Cyclohexane	ug/L	<1.3	50	50	50.5	50.7	101	101	50-150	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	50.9	51.7	102	103	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	35.3	35.5	71	71	25-121	0	20	
Ethylbenzene	ug/L	<0.33	50	50	53.4	53.3	107	107	80-121	0	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	51.6	50.4	103	101	70-130	2	20	
m&p-Xylene	ug/L	<0.70	100	100	104	102	104	102	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	50.2	52.5	100	105	70-130	4	20	
Methylcyclohexane	ug/L	<1.2	50	50	50.7	51.9	101	104	50-150	2	20	
Methylene Chloride	ug/L	<0.32	50	50	52.5	53.1	105	106	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	51.4	50.8	103	102	70-130	1	20	
Styrene	ug/L	<0.36	50	50	61.4	60.6	123	121	70-132	1	20	
Tetrachloroethene	ug/L	<0.41	50	50	51.8	50.4	104	101	70-130	3	20	
Toluene	ug/L	<0.29	50	50	52.5	52.0	105	104	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	50.7	52.8	101	106	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	51.5	51.7	103	103	70-130	0	20	
Trichloroethene	ug/L	<0.32	50	50	50.6	51.7	101	103	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	51.8	53.4	104	107	65-160	3	20	
Vinyl chloride	ug/L	<0.17	50	50	50.1	51.7	100	103	60-137	3	20	
1,2-Dichlorobenzene-d4 (S)	%						101	99	70-130			
4-Bromofluorobenzene (S)	%						101	99	70-130			
Toluene-d8 (S)	%						105	101	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 449817
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265030019, 40265030020, 40265030021, 40265030022, 40265030023, 40265030024, 40265030025, 40265030026, 40265030027, 40265030028

METHOD BLANK: 2584542
Matrix: Water
Associated Lab Samples: 40265030019, 40265030020, 40265030021, 40265030022, 40265030023, 40265030024, 40265030025, 40265030026, 40265030027, 40265030028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/17/23 16:09	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/17/23 16:09	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/17/23 16:09	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	07/17/23 16:09	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/17/23 16:09	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/17/23 16:09	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/17/23 16:09	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/17/23 16:09	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	07/17/23 16:09	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/17/23 16:09	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/17/23 16:09	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/17/23 16:09	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/17/23 16:09	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/17/23 16:09	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/17/23 16:09	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/17/23 16:09	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/17/23 16:09	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/17/23 16:09	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/17/23 16:09	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/17/23 16:09	
2,2-Dichloropropane	ug/L	<0.42	1.0	07/17/23 16:09	
2-Chlorotoluene	ug/L	<0.89	5.0	07/17/23 16:09	
4-Chlorotoluene	ug/L	<0.89	5.0	07/17/23 16:09	
Benzene	ug/L	<0.30	1.0	07/17/23 16:09	
Bromobenzene	ug/L	<0.36	1.0	07/17/23 16:09	
Bromochloromethane	ug/L	<0.36	1.0	07/17/23 16:09	
Bromodichloromethane	ug/L	<0.42	1.0	07/17/23 16:09	
Bromoform	ug/L	<0.43	1.0	07/17/23 16:09	
Bromomethane	ug/L	<1.2	5.0	07/17/23 16:09	
Carbon tetrachloride	ug/L	<0.37	1.0	07/17/23 16:09	
Chlorobenzene	ug/L	<0.86	1.0	07/17/23 16:09	
Chloroethane	ug/L	<1.4	5.0	07/17/23 16:09	
Chloroform	ug/L	<0.50	5.0	07/17/23 16:09	
Chloromethane	ug/L	<1.6	5.0	07/17/23 16:09	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/17/23 16:09	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	07/17/23 16:09	
Cyclohexane	ug/L	<1.3	5.0	07/17/23 16:09	
Dibromochloromethane	ug/L	<2.6	5.0	07/17/23 16:09	
Dibromomethane	ug/L	<0.99	5.0	07/17/23 16:09	

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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: 31406019.70SC L13MP312
Pace Project No.: 40265030

METHOD BLANK: 2584542 Matrix: Water

Associated Lab Samples: 40265030019, 40265030020, 40265030021, 40265030022, 40265030023, 40265030024, 40265030025, 40265030026, 40265030027, 40265030028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/17/23 16:09	
Diisopropyl ether	ug/L	<1.1	5.0	07/17/23 16:09	
Ethylbenzene	ug/L	<0.33	1.0	07/17/23 16:09	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/17/23 16:09	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/17/23 16:09	
m&p-Xylene	ug/L	<0.70	2.0	07/17/23 16:09	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/17/23 16:09	
Methylcyclohexane	ug/L	<1.2	5.0	07/17/23 16:09	
Methylene Chloride	ug/L	<0.32	5.0	07/17/23 16:09	
n-Butylbenzene	ug/L	<0.86	1.0	07/17/23 16:09	
n-Heptane	ug/L	<1.6	5.0	07/17/23 16:09	
n-Hexane	ug/L	<1.5	5.0	07/17/23 16:09	
n-Propylbenzene	ug/L	<0.35	1.0	07/17/23 16:09	
Naphthalene	ug/L	<1.9	5.0	07/17/23 16:09	
o-Xylene	ug/L	<0.35	1.0	07/17/23 16:09	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/17/23 16:09	
sec-Butylbenzene	ug/L	<0.42	1.0	07/17/23 16:09	
Styrene	ug/L	<0.36	1.0	07/17/23 16:09	
tert-Butylbenzene	ug/L	<0.59	1.0	07/17/23 16:09	
Tetrachloroethene	ug/L	<0.41	1.0	07/17/23 16:09	
Toluene	ug/L	<0.29	1.0	07/17/23 16:09	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/17/23 16:09	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	07/17/23 16:09	
Trichloroethene	ug/L	<0.32	1.0	07/17/23 16:09	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/17/23 16:09	
Vinyl chloride	ug/L	<0.17	1.0	07/17/23 16:09	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	07/17/23 16:09	
4-Bromofluorobenzene (S)	%	101	70-130	07/17/23 16:09	
Toluene-d8 (S)	%	102	70-130	07/17/23 16:09	

LABORATORY CONTROL SAMPLE: 2584543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.0	94	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	43.5	87	69-130	
1,1,2-Trichloroethane	ug/L	50	45.1	90	70-130	
1,1-Dichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethene	ug/L	50	45.0	90	74-131	
1,2,4-Trichlorobenzene	ug/L	50	44.5	89	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	36.0	72	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	45.0	90	70-130	
1,2-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dichloroethane	ug/L	50	47.0	94	70-137	

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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: 31406019.70SC L13MP312
Pace Project No.: 40265030

LABORATORY CONTROL SAMPLE: 2584543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	44.9	90	80-121	
1,3-Dichlorobenzene	ug/L	50	49.2	98	70-130	
1,4-Dichlorobenzene	ug/L	50	44.8	90	70-130	
Benzene	ug/L	50	48.5	97	70-130	
Bromodichloromethane	ug/L	50	44.4	89	70-130	
Bromoform	ug/L	50	37.8	76	70-130	
Bromomethane	ug/L	50	35.5	71	21-147	
Carbon tetrachloride	ug/L	50	43.8	88	80-146	
Chlorobenzene	ug/L	50	47.3	95	70-130	
Chloroethane	ug/L	50	40.4	81	52-165	
Chloroform	ug/L	50	48.8	98	80-123	
Chloromethane	ug/L	50	34.9	70	51-122	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	70-130	
Cyclohexane	ug/L	50	45.5	91	50-150	
Dibromochloromethane	ug/L	50	42.1	84	70-130	
Dichlorodifluoromethane	ug/L	50	22.0	44	25-121	
Ethylbenzene	ug/L	50	48.3	97	80-120	
Isopropylbenzene (Cumene)	ug/L	50	46.1	92	70-130	
m&p-Xylene	ug/L	100	91.3	91	70-130	
Methyl-tert-butyl ether	ug/L	50	45.1	90	70-130	
Methylcyclohexane	ug/L	50	47.6	95	50-150	
Methylene Chloride	ug/L	50	46.1	92	70-130	
o-Xylene	ug/L	50	47.3	95	70-130	
Styrene	ug/L	50	56.2	112	70-130	
Tetrachloroethene	ug/L	50	46.2	92	70-130	
Toluene	ug/L	50	47.5	95	80-120	
trans-1,2-Dichloroethene	ug/L	50	44.3	89	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.6	85	70-130	
Trichloroethene	ug/L	50	47.5	95	70-130	
Trichlorofluoromethane	ug/L	50	43.4	87	65-160	
Vinyl chloride	ug/L	50	39.4	79	63-134	
1,2-Dichlorobenzene-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2584816 2584817

Parameter	Units	40265030023 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	53.2	52.6	106	105	70-134	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.2	47.3	94	95	61-135	0	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.1	50.2	100	100	70-130	0	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	52.9	52.2	106	104	70-130	1	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	49.9	49.0	100	98	71-130	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2584816 2584817

Parameter	Units	40265030023 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	49.3	49.7	99	99	68-131	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	40.2	43.6	80	87	51-141	8	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.8	48.0	98	96	70-130	2	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	50.7	51.5	101	103	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	51.5	48.9	103	98	70-137	5	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	50.6	48.7	101	97	80-121	4	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.2	55.1	106	110	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	48.7	48.6	97	97	70-130	0	20	
Benzene	ug/L	<0.30	50	50	53.4	53.0	107	106	70-130	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	49.2	48.7	98	97	70-130	1	20	
Bromoform	ug/L	<0.43	50	50	43.5	44.8	87	90	70-133	3	20	
Bromomethane	ug/L	<1.2	50	50	40.5	40.5	81	81	21-149	0	22	
Carbon tetrachloride	ug/L	<0.37	50	50	50.7	50.5	101	101	80-146	0	20	
Chlorobenzene	ug/L	<0.86	50	50	52.7	52.8	105	106	70-130	0	20	
Chloroethane	ug/L	<1.4	50	50	45.4	44.5	91	89	52-165	2	20	
Chloroform	ug/L	<0.50	50	50	53.2	52.4	106	105	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	38.7	37.8	77	76	42-125	2	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.6	51.8	105	104	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	50.9	49.8	102	100	70-130	2	20	
Cyclohexane	ug/L	<1.3	50	50	50.1	49.6	100	99	50-150	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.3	49.0	97	98	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	23.8	23.2	48	46	25-121	3	20	
Ethylbenzene	ug/L	<0.33	50	50	54.6	53.7	109	107	80-121	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.4	52.6	105	105	70-130	0	20	
m&p-Xylene	ug/L	<0.70	100	100	104	104	104	104	70-130	1	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	47.6	46.8	95	94	70-130	2	20	
Methylcyclohexane	ug/L	<1.2	50	50	52.2	51.1	104	102	50-150	2	20	
Methylene Chloride	ug/L	<0.32	50	50	51.1	49.7	102	99	70-130	3	20	
o-Xylene	ug/L	<0.35	50	50	51.8	52.3	104	105	70-130	1	20	
Styrene	ug/L	<0.36	50	50	60.4	62.1	121	124	70-132	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	53.1	52.4	106	105	70-130	1	20	
Toluene	ug/L	<0.29	50	50	53.4	52.9	107	106	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	48.9	48.4	98	97	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	47.8	47.5	96	95	70-130	1	20	
Trichloroethene	ug/L	<0.32	50	50	53.2	52.1	106	104	70-130	2	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	47.6	46.4	95	93	65-160	3	20	
Vinyl chloride	ug/L	<0.17	50	50	43.9	42.7	88	85	60-137	3	20	
1,2-Dichlorobenzene-d4 (S)	%						98	102	70-130			
4-Bromofluorobenzene (S)	%						99	102	70-130			
Toluene-d8 (S)	%						104	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 450209
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40265030029, 40265030030, 40265030031, 40265030032, 40265030033

METHOD BLANK: 2586503 Matrix: Water
Associated Lab Samples: 40265030029, 40265030030, 40265030031, 40265030032, 40265030033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/20/23 09:50	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/20/23 09:50	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/20/23 09:50	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	07/20/23 09:50	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/20/23 09:50	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/20/23 09:50	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/20/23 09:50	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/20/23 09:50	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	07/20/23 09:50	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/20/23 09:50	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/20/23 09:50	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/20/23 09:50	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/20/23 09:50	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/20/23 09:50	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/20/23 09:50	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/20/23 09:50	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/20/23 09:50	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/20/23 09:50	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/20/23 09:50	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/20/23 09:50	
2,2-Dichloropropane	ug/L	<0.42	1.0	07/20/23 09:50	
2-Chlorotoluene	ug/L	<0.89	5.0	07/20/23 09:50	
4-Chlorotoluene	ug/L	<0.89	5.0	07/20/23 09:50	
Benzene	ug/L	<0.30	1.0	07/20/23 09:50	
Bromobenzene	ug/L	<0.36	1.0	07/20/23 09:50	
Bromochloromethane	ug/L	<0.36	1.0	07/20/23 09:50	
Bromodichloromethane	ug/L	<0.42	1.0	07/20/23 09:50	
Bromoform	ug/L	<0.43	1.0	07/20/23 09:50	
Bromomethane	ug/L	<1.2	5.0	07/20/23 09:50	
Carbon tetrachloride	ug/L	<0.37	1.0	07/20/23 09:50	
Chlorobenzene	ug/L	<0.86	1.0	07/20/23 09:50	
Chloroethane	ug/L	<1.4	5.0	07/20/23 09:50	
Chloroform	ug/L	<0.50	5.0	07/20/23 09:50	
Chloromethane	ug/L	<1.6	5.0	07/20/23 09:50	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/20/23 09:50	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	07/20/23 09:50	
Cyclohexane	ug/L	<1.3	5.0	07/20/23 09:50	
Dibromochloromethane	ug/L	<2.6	5.0	07/20/23 09:50	
Dibromomethane	ug/L	<0.99	5.0	07/20/23 09:50	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/20/23 09:50	

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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: 31406019.70SC L13MP312
Pace Project No.: 40265030

METHOD BLANK: 2586503 Matrix: Water
Associated Lab Samples: 40265030029, 40265030030, 40265030031, 40265030032, 40265030033

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	07/20/23 09:50	
Ethylbenzene	ug/L	<0.33	1.0	07/20/23 09:50	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/20/23 09:50	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/20/23 09:50	
m&p-Xylene	ug/L	<0.70	2.0	07/20/23 09:50	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/20/23 09:50	
Methylcyclohexane	ug/L	<1.2	5.0	07/20/23 09:50	
Methylene Chloride	ug/L	<0.32	5.0	07/20/23 09:50	
n-Butylbenzene	ug/L	<0.86	1.0	07/20/23 09:50	
n-Heptane	ug/L	<1.6	5.0	07/20/23 09:50	
n-Hexane	ug/L	<1.5	5.0	07/20/23 09:50	
n-Propylbenzene	ug/L	<0.35	1.0	07/20/23 09:50	
Naphthalene	ug/L	<1.9	5.0	07/20/23 09:50	
o-Xylene	ug/L	<0.35	1.0	07/20/23 09:50	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/20/23 09:50	
sec-Butylbenzene	ug/L	<0.42	1.0	07/20/23 09:50	
Styrene	ug/L	<0.36	1.0	07/20/23 09:50	
tert-Butylbenzene	ug/L	<0.59	1.0	07/20/23 09:50	
Tetrachloroethene	ug/L	<0.41	1.0	07/20/23 09:50	
Toluene	ug/L	<0.29	1.0	07/20/23 09:50	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/20/23 09:50	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	07/20/23 09:50	
Trichloroethene	ug/L	<0.32	1.0	07/20/23 09:50	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/20/23 09:50	
Vinyl chloride	ug/L	<0.17	1.0	07/20/23 09:50	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130	07/20/23 09:50	
4-Bromofluorobenzene (S)	%	97	70-130	07/20/23 09:50	
Toluene-d8 (S)	%	103	70-130	07/20/23 09:50	

LABORATORY CONTROL SAMPLE: 2586504

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.7	103	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	69-130	
1,1,2-Trichloroethane	ug/L	50	49.5	99	70-130	
1,1-Dichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethene	ug/L	50	55.7	111	74-131	
1,2,4-Trichlorobenzene	ug/L	50	43.1	86	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.3	77	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.4	93	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	50.5	101	70-137	
1,2-Dichloropropane	ug/L	50	50.9	102	80-121	
1,3-Dichlorobenzene	ug/L	50	50.5	101	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: 31406019.70SC L13MP312
Pace Project No.: 40265030

LABORATORY CONTROL SAMPLE: 2586504

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	48.0	96	70-130	
Benzene	ug/L	50	51.7	103	70-130	
Bromodichloromethane	ug/L	50	49.1	98	70-130	
Bromoform	ug/L	50	45.5	91	70-130	
Bromomethane	ug/L	50	51.8	104	21-147	
Carbon tetrachloride	ug/L	50	50.1	100	80-146	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	57.9	116	52-165	
Chloroform	ug/L	50	53.3	107	80-123	
Chloromethane	ug/L	50	51.7	103	51-122	
cis-1,2-Dichloroethene	ug/L	50	50.1	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.7	97	70-130	
Cyclohexane	ug/L	50	49.4	99	50-150	
Dibromochloromethane	ug/L	50	47.0	94	70-130	
Dichlorodifluoromethane	ug/L	50	39.6	79	25-121	
Ethylbenzene	ug/L	50	52.3	105	80-120	
Isopropylbenzene (Cumene)	ug/L	50	48.7	97	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	47.7	95	70-130	
Methylcyclohexane	ug/L	50	50.1	100	50-150	
Methylene Chloride	ug/L	50	56.8	114	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
Styrene	ug/L	50	60.9	122	70-130	
Tetrachloroethene	ug/L	50	51.0	102	70-130	
Toluene	ug/L	50	51.3	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.5	93	70-130	
Trichloroethene	ug/L	50	50.7	101	70-130	
Trichlorofluoromethane	ug/L	50	57.9	116	65-160	
Vinyl chloride	ug/L	50	54.4	109	63-134	
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			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: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 449907 | 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: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011

METHOD BLANK: 2584777 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	07/18/23 10:45	

LABORATORY CONTROL SAMPLE: 2584778

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	21.3	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2584779 2584780

Parameter	Units	40265180002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	9.4J	400	400	417	405	102	99	90-110	3	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2584781 2584782

Parameter	Units	40265030011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<0.44	20	20	20.6	20.8	102	103	90-110	1	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 450006
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: 40265030012, 40265030019

METHOD BLANK: 2585163 Matrix: Water
Associated Lab Samples: 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	07/19/23 11:51	

LABORATORY CONTROL SAMPLE: 2585164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2585165 2585166

Parameter	Units	40265017001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	18.0	20	20	38.1	38.2	100	101	90-110	0	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2585167 2585168

Parameter	Units	40265069001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	307	400	400	702	688	99	95	90-110	2	15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 449940
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: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011, 40265030012, 40265030019

METHOD BLANK: 2584854 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010, 40265030011, 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	07/18/23 09:46	

LABORATORY CONTROL SAMPLE: 2584855

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2584856 2584857

Parameter	Units	40265006002 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	248	100	100	343	348	95	100	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2584858 2584859

Parameter	Units	40265225002 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	169	100	100	270	273	101	103	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 450065
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: 40265030001, 40265030007, 40265030009, 40265030010

METHOD BLANK: 2585389 Matrix: Water
Associated Lab Samples: 40265030001, 40265030007, 40265030009, 40265030010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	07/19/23 11:05	

LABORATORY CONTROL SAMPLE: 2585390

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: 2585391 2585392

Parameter	Units	40264926013 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	101	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2585393 2585394

Parameter	Units	40265030010 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	3.8	2.5	2.5	6.2	6.3	97	101	90-110	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

QC Batch: 450066
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: 40265030011, 40265030012, 40265030019

METHOD BLANK: 2585395 Matrix: Water
Associated Lab Samples: 40265030011, 40265030012, 40265030019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	07/19/23 11:26	

LABORATORY CONTROL SAMPLE: 2585396

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: 2585397 2585398

Parameter	Units	40265030011 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	98	99	90-110	0	20	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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QUALIFIERS

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 40265030

[1]	In the RSK175 analysis, sample 22307170501 ran outside hold time due to the initial run having a failing closing CCV.
[2]	In the RSK-175 analysis, sample 22307170501 ran outside hold time, initial run was ran in hold but had an instrument stoppage that caused the closing CCV not to run.
[3]	In the RSK175 analysis, the recovery for the surrogate was outside control limits in the LCS, all associated samples surrogate criteria passed.

ANALYTE QUALIFIERS

B0	Analyte was detected in an associated blank at a concentration greater than the MDL.
D9	Dissolved result is greater than the total. Data is within laboratory control limits.
H1	Analysis was conducted outside of the recognized method holding time.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265030001	**MW-02-25**	RSK-175	769446		
40265030007	**MW-14-31**	RSK-175	769446		
40265030009	**MW-10-32**	RSK-175	769446		
40265030011	**MW-01-32**	RSK-175	769446		
40265030012	**MW-101-32**	RSK-175	769446		
40265030019	**MW-06-32**	RSK-175	769446		
40265030001	**MW-02-25**	RSK-175	769514		
40265030007	**MW-14-31**	RSK-175	769514		
40265030009	**MW-10-32**	RSK-175	769514		
40265030011	**MW-01-32**	RSK-175	769514		
40265030012	**MW-101-32**	RSK-175	769514		
40265030019	**MW-06-32**	RSK-175	769514		
40265030001	**MW-02-25**	EPA 3010A	449701	EPA 6010D	449776
40265030007	**MW-14-31**	EPA 3010A	449701	EPA 6010D	449776
40265030009	**MW-10-32**	EPA 3010A	449701	EPA 6010D	449776
40265030010	**MW-17-20**	EPA 3010A	449701	EPA 6010D	449776
40265030011	**MW-01-32**	EPA 3010A	449701	EPA 6010D	449776
40265030012	**MW-101-32**	EPA 3010A	449701	EPA 6010D	449776
40265030019	**MW-06-32**	EPA 3010A	449701	EPA 6010D	449776
40265030001	**MW-02-25**	EPA 6010D	449763		
40265030007	**MW-14-31**	EPA 6010D	449763		
40265030009	**MW-10-32**	EPA 6010D	449763		
40265030010	**MW-17-20**	EPA 6010D	449763		
40265030011	**MW-01-32**	EPA 6010D	449763		
40265030012	**MW-101-32**	EPA 6010D	449763		
40265030019	**MW-06-32**	EPA 6010D	449763		
40265030001	**MW-02-25**	EPA 8260	449708		
40265030002	**MW-12-31**	EPA 8260	449708		
40265030003	**MW-02-55**	EPA 8260	449708		
40265030004	**MW-03-25**	EPA 8260	449708		
40265030005	**MW-04-29**	EPA 8260	449708		
40265030006	**MW-15-32**	EPA 8260	449708		
40265030007	**MW-14-31**	EPA 8260	449708		
40265030008	**MW-141-31**	EPA 8260	449708		
40265030009	**MW-10-32**	EPA 8260	449708		
40265030010	**MW-17-20**	EPA 8260	449708		
40265030011	**MW-01-32**	EPA 8260	449708		
40265030012	**MW-101-32**	EPA 8260	449708		
40265030013	**MW-16-29**	EPA 8260	449708		
40265030014	**MW-01-63**	EPA 8260	449708		
40265030015	**MW-05-30**	EPA 8260	449708		
40265030016	**MW-06-100**	EPA 8260	449708		
40265030017	**MW-08-27**	EPA 8260	449708		
40265030018	**MW-06-60**	EPA 8260	449708		
40265030019	**MW-06-32**	EPA 8260	449817		
40265030020	**MW-18-31**	EPA 8260	449817		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31406019.70SC L13MP312
Pace Project No.: 40265030

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40265030021	**MW-118-31**	EPA 8260	449817		
40265030022	**MW-05-60**	EPA 8260	449817		
40265030023	**MW-09-60**	EPA 8260	449817		
40265030024	**MW-13-33**	EPA 8260	449817		
40265030025	**MW-07-60**	EPA 8260	449817		
40265030026	**MW-07-32**	EPA 8260	449817		
40265030027	**MW-11-32**	EPA 8260	449817		
40265030028	**MW-09-33**	EPA 8260	449817		
40265030029	**EB71223A**	EPA 8260	450209		
40265030030	**EB71223B**	EPA 8260	450209		
40265030031	**EB71223C**	EPA 8260	450209		
40265030032	**TB71223A**	EPA 8260	450209		
40265030033	**TB71223B**	EPA 8260	450209		
40265030001	**MW-02-25**	EPA 300.0	449907		
40265030007	**MW-14-31**	EPA 300.0	449907		
40265030009	**MW-10-32**	EPA 300.0	449907		
40265030010	**MW-17-20**	EPA 300.0	449907		
40265030011	**MW-01-32**	EPA 300.0	449907		
40265030012	**MW-101-32**	EPA 300.0	450006		
40265030019	**MW-06-32**	EPA 300.0	450006		
40265030001	**MW-02-25**	EPA 310.2	449940		
40265030007	**MW-14-31**	EPA 310.2	449940		
40265030009	**MW-10-32**	EPA 310.2	449940		
40265030010	**MW-17-20**	EPA 310.2	449940		
40265030011	**MW-01-32**	EPA 310.2	449940		
40265030012	**MW-101-32**	EPA 310.2	449940		
40265030019	**MW-06-32**	EPA 310.2	449940		
40265030001	**MW-02-25**	EPA 353.2	450065		
40265030007	**MW-14-31**	EPA 353.2	450065		
40265030009	**MW-10-32**	EPA 353.2	450065		
40265030010	**MW-17-20**	EPA 353.2	450065		
40265030011	**MW-01-32**	EPA 353.2	450066		
40265030012	**MW-101-32**	EPA 353.2	450066		
40265030019	**MW-06-32**	EPA 353.2	450066		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40265030

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP	Billing Information: WSP
Address: 5957 Mckee Rd Ste. 7 Madison WI. 53719	
Report To: Tim Hoffe, Joe Kiel	Email To: Tim.hoffe@wsp.com
Copy To: Joe.Kiel@wsp.com	Site Collection Info/Address:
Customer Project Name/Number: 31406019.705C L13MP312	State: / County/City: Time Zone Collected: [ ]PT [ ]MT [CT] [ ]ET
Phone: 571-217-6759 Email: tim.hoffe@wsp.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Joe Kiel, Tim Hoffe	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [X] Yes [ ] No Analysis:

Container Preservative Type **: | Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: VOC by 8260D; Nitrate + Nitrite by 353.2; Alkalinity + Sulfate; Total Fe/Mn; Carbon Dioxide RSK175; Dissolved Fe/Mn; Methane, Ethane, + Ethene 175

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
MW-02-25	GW	Grab	7/10/23	1055	—	—	—	13	001
MW-12-31			7/10/23	1325	—	—	—	3	002
MW-02-55				1355	—	—	—		003
MW-03-25				1455	—	—	—		004
MW-04-29				1610	—	—	—		005
MW-15-32				1645	—	—	—		006
MW-14-31			7/11/23	0800	—	—	—	13	007
MW-141-31			7/11/23	0700	—	—	—	3	008
MW-10-32				0830				13	009
MW-17-20				0855				13	010

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 0

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2891489

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/12/23 1600		
	7/13/23 0845		7/13/23 0845

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40265030

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP	Billing Information: WSP
Address: 5957 Mokena Rd Madison, WI 53719	
Report To: Tim Hoff, Joe Kiel	Email To: tim.hoff@wsp.com
Copy To: joe.kiel@wsp.com	Site Collection Info/Address:
Customer Project Name/Number: 31406019.705C LI3MP312	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: 571-217-6759 Email: tim.hoff@wsp.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Joe Kiel, Tim Hoff	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [X] Yes [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types. (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC by 8260	Nitrate + Nitrite by 353.2	Alkalinity + Sulfate	Total Fe/Mn	Dissolved Fe/Mn	Carbon Dioxide by RSK175	Methane, Ethane, + Ethene 175			Lab Sample # / Comments
MW-01-32	GW	Grab	7/11/23	1030	—	—	—	13	X	X	X	X	X	X	X			011
MW-101-32				0700	—	—	—	13	X	X	X	X	X	X	X			012
MW-16-29				1110	—	—	—	3	X									013
MW-01-63				1210	—	—	—		X									014
MW-05-30				1302	—	—	—		X									015
MW-06-100				1315	—	—	—		X									016
MW-08-27				1410	—	—	—		X									017
MW-06-60				1415	—	—	—		X									018
MW-06-32				1530	—	—	—	13	X	X	X	X	X	X	X			019
MW-18-31				1615	—	—	—	3	X									020

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2891490

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/12/23 1600		
	7/13/23 0845		7/13/23 0845

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40265030

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP	Billing Information: WSP
Address: 5957 Mckee Rd Madison, WI 53719	
Report To: Tim Hoff, Joe Kiel	Email To: tim.hoff@wsp.com
Copy To: Joe.Kiel@wsp.com	Site Collection Info/Address:
Customer Project Name/Number: 134060019.705C L13MP312	State: / County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 571-217-6759 Email: tim.hoff@wsp.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Joe Kiel, Tim Hoff	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [X] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: VOC by 8260

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns		Lab Sample # / Comments
MW-118-31	GW	Grab	7/11/23	1700	—	—	—	3	X	021
MW-05-60			7/12/23	0850	—	—	—		X	022
MW-09-60				1015	—	—	—		X	023
MW-13-33				1025	—	—	—		X	024
MW-07-60				1135	—	—	—		X	025
MW-07-32				1205	—	—	—		X	026
MW-11-32				1315	—	—	—		X	027
MW-09-33				1450	—	—	—		X	028
EB71223A				1400	—	—	—	2	X	029
EB71223B				1405	—	—	—	1	X	030

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2891491

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/12/23 1600		
	7/13/23 0845		7/13/23 0845

MTJL LAB USE ONLY
Table #:
Acctnum:
Template: (1)
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40265030

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP	Billing Information: WSP
Address: 5857 Mckee Rd Madison, WI 53719	
Report To: Tim Hoff, Joe Kiel	Email To: tim.hoff@wsp.com
Copy To: joe.kiel@wsp.com	Site Collection Info/Address:
Customer Project Name/Number: 31406019.205C L13MP312	State: / County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 571-217-6759 Email: tim.hoff@wsp.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Joe Kiel, Tim Bahr	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOC by 8260	Nitrate + Nitrite by 353.2	Alkalinity + Sulfate	Total Fe/Mn	Diss. Fe/Mn	Carbon Dioxide by RSK175	Methane, Ethane, Ethene 175	Lab Profile/Line
EB71223C	GW	Grab	7/12/23	1410	7/12/23	1410	-	2	X	X	X	X	X	X	X	031
TB71223A	"	"	-	-	-	-	-	2	X							032
TB71223B	"	"	-	-	-	-	-	2	X							033

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 7

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2891492

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#:

Cooler 1 Temp Upon Receipt: ____oC

Cooler 1 Therm Corr. Factor: ____oC

Cooler 1 Corrected Temp: ____oC

Comments:

Relinquished by/Company: (Signature) WSP	Date/Time: 7/12/23 1600	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) FedEx	Date/Time: 7/13/23 0845	Received by/Company: (Signature)	Date/Time: 7/13/23 0845
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template: 7

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: 4

Sample Preservation Receipt Form

Client Name: WSP Project # 40265030

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

Lab Lot# of pH paper 1000723 Lab Std #ID of preservation (if pH adjusted):

	Glass							Plastic						Vials						Jars				General								
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001									1		2	1				3	6											1	X			X		2.5 / 5
002																	6											1						2.5 / 5
003																	6											1						2.5 / 5
004																	6											1						2.5 / 5
005																	6											1						2.5 / 5
006																	6											1						2.5 / 5
007									1		2	1				3	6												X			X		2.5 / 5
008																	6																	2.5 / 5
009									1		2	1				3	6											1	X			X		2.5 / 5
010									1		2	1				3	6											4	X			X		2.5 / 5
011									1		2	1				3	6												X			X		2.5 / 5
012									1		2	1				3	6												X			X		2.5 / 5
013																	6											1						2.5 / 5
014																	6											1						2.5 / 5
015																	6											1						2.5 / 5
016																	6											1						2.5 / 5
017																	6											1						2.5 / 5
018																	6											1						2.5 / 5
019									1		2	1				3	6											1	X			X		2.5 / 5
020																	6											1						2.5 / 5

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

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

Page 1 of 3

Client Name: WSP

Sample Preservation Receipt Form

Project #: 40265030

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN 1	GN 2							
021																																		2.5 / 5
022																												1						2.5 / 5
023																																		2.5 / 5
024																																		2.5 / 5
025																																		2.5 / 5
026																																		2.5 / 5
027																																		2.5 / 5
028																																		2.5 / 5
029																																		2.5 / 5
030																																		2.5 / 5
031																																		2.5 / 5
032																												2						2.5 / 5
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035																																		2.5 / 5
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038																																		2.5 / 5
039																																		2.5 / 5
040																																		2.5 / 5
041																																		2.5 / 5
042																																		2.5 / 5
043																																		2.5 / 5
044																																		2.5 / 5
045																																		2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

7/13/23 86

Sample Condition Upon Receipt Form (SCUR)

Project #: WO# : 40265030

40265030

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

Cooler Temperature Uncorr: 1.0 /Corr: 1.0

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

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

Person examining contents:
Date: 7/13/23 Initials: SG
Labeled By Initials: YN

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: Correct Type: (Pace Green Bay), Pace IR, Non-Pace	☑Yes ☐No	9.
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. 011 1/3 unpres vials ~~for 40~~ ID "MW-01-30" 7/13/23 SG
Trip Blank Present: Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased): 503	☑Yes ☐No ☐N/A ☑Yes ☐No ☐N/A	13.

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

Person Contacted: ____ Date/Time: ____

Comments/ Resolution: ____

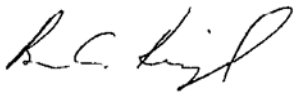
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

Page 3 of 3

ENCLOSURE B – HYDROGEOLOGIST CERTIFICATION

Monitoring Well Sampling Results – Q3 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.



August 8, 2023

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

Date