

**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?		In Groundwater?	
	Yes	No	Yes	No
Gasoline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diesel or Fuel Oil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solvents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heavy Metals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: <u>diluent liquid</u>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

This sampling event included sampling of a drinking water well. <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input type="radio"/> Yes <input type="radio"/> No

**Contaminants in Vapor**

	Yes	No
Indoor Air	<input type="radio"/>	<input type="radio"/>
Sub-slab	<input type="radio"/>	<input type="radio"/>
Exterior Soil Gas	<input type="radio"/>	<input type="radio"/>

# Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

## 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](http://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					



December 7, 2022

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 2022  
Enbridge Line 13 MP 312, Blackhawk Island Rd Valve Site, Ft. Atkinson, WI  
WDNR BRRTS #02-28-586199**

Dear Mr. Beaster:

WSP USA Inc. (WSP) is pleased to submit the following summary of sampling results for monitoring wells that were sampled between October 24 and 26, 2022, 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, 2021. 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 October 24 and 26, 2022. 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, two equipment blank samples, and one trip blank sample, which were submitted with the monitoring well samples for VOCs analysis.

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

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

Tel: +1 314 206-4212  
wsp.com



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

- Nitrate-nitrite as Nitrogen (EPA Method 353.2)
- Total Alkalinity as CaCO<sub>3</sub> (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 which was submitted with the monitoring well samples.

## VOCS SAMPLING RESULTS

**The results were generally consistent with historical sampling results for the majority of monitoring well locations.**

Table 1 includes the laboratory analytical results for VOCs detected in one or more samples from the October sampling event. Table 2 includes the historical laboratory analytical results for select VOCs from previous sampling events. Enclosure A includes the laboratory reports. Benzene, toluene, ethylbenzene, cyclohexane, n-hexane, methyl-tert-butyl-ether (MTBE), 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 ( $\mu\text{g/l}$ ) in the samples collected from monitoring wells MW-01-32 (2,230  $\mu\text{g/l}$ ), MW-10-32 (156  $\mu\text{g/l}$ ), the duplicate sample collected at MW-14-31 (157  $\mu\text{g/l}$ ), and the sample from MW-18-31 (16,500  $\mu\text{g/l}$ ). Benzene was detected at concentrations above the PAL of 0.5  $\mu\text{g/l}$  in the samples collected from monitoring wells MW-05-30 (1.1  $\mu\text{g/l}$ ), MW-06-32 (0.52  $\mu\text{g/l}$ ), MW-06-100 (0.98  $\mu\text{g/l}$ ), MW-07-60 (0.80  $\mu\text{g/l}$ ), and MW-11-32 (1.8  $\mu\text{g/l}$ ).

The benzene concentration in the sample from monitoring well MW-01-32 was notably lower than in historical samples from this location. WSP requested that the laboratory review the MW-01-32 results, but there were no QA/QC issues identified during the data review. The changes in VOC concentrations may be partially a response to the Soil Vapor Extraction pilot test activities completed in August 2022 and reported in the Soil Vapor Extraction Pilot Test Report, dated October 12, 2022.

Ethylbenzene was detected at concentrations above the PAL of 140  $\mu\text{g/l}$  in the samples collected from monitoring wells MW-01-32 (159  $\mu\text{g/l}$ ) and MW-18-31 (147  $\mu\text{g/l}$ ). Toluene was detected at concentrations above the ES of 800  $\mu\text{g/l}$  in the sample collected from monitoring well MW-18-31 (6,030  $\mu\text{g/l}$ ). The sample collected from MW-01-32 also contained MTBE (687  $\mu\text{g/l}$ ) and n-hexane (778  $\mu\text{g/l}$ ) at concentrations above their respective ES.

Trichloroethene was detected at concentrations above the ES (5.0  $\mu\text{g/l}$ ) in the sample collected at MW-06-60 (17.4  $\mu\text{g/l}$ ) and above the PAL (0.5  $\mu\text{g/l}$ ) in the sample collected at MW-06-32 (4  $\mu\text{g/l}$ ). Trichloroethene was not detected at concentrations above the ES or the PAL in the sample collected at MW-06-100 (<0.32  $\mu\text{g/l}$ ). 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-05-60 and MW-09-60 were consistent with their respective primary samples. The duplicate sample collected from monitoring well MW-14-31 had several detected compounds at concentrations consistent with historical sampling results, while the primary sample did not. WSP requested that the laboratory review the MW-14-31 results, but there were no QA/QC issues identified during the data review.



## MNA PARAMETER SAMPLING RESULTS

Table 3 includes the laboratory analytical results for MNA parameters, Table 4 includes the historical results for MNA parameters, and Table 5 includes the historical field parameters. Enclosure A includes the laboratory reports. The October 2022 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,

A handwritten signature in black ink that reads "Tim Huff". The signature is written in a cursive style.

Timothy A. Huff  
Senior Lead Geologist

TAH  
\\corp.pbwan.net\us\centraldata\usmes100\es-shares\clients\enbridge\fort atkinson, wi - 113 mp312\\_work plans and reports\2022-12 mw sampling results to wdnr\2022.12.07\_line13 mp312\_monitoring well sampling results q4 2022 draft.docx

Encl.

FIGURE





REFERENCE:  
AERIAL FROM NEARMAP, GEOREFERENCED,  
IMAGE DATE: MAY 9, 2022.

NOTICE: THIS DRAWING HAS BEEN PREPARED UNDER  
THE DIRECTION OF A PROFESSIONAL. DO NOT ALTER  
THIS DOCUMENT IN ANY WAY WITHOUT THE WRITTEN  
CONSENT OF WSP USA INC.

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



**FIGURE 1**  
**MONITORING WELL AND  
REMEDATION WELL LOCATIONS**

**LINE 13 MP 312 VALVE SITE**  
**FORT ATKINSON, WISCONSIN**  
PREPARED FOR  
**ENBRIDGE ENERGY LIMITED PARTNERSHIP**

Drawn By: *ECC*  
Checked:  
Approved: *TAH 9/28/2022*  
DWG Name: 314V1967.705-025



## TABLES



Table 1

Monitoring Well Sampling Analytical Results - October 2022 - VOCs  
 Line 13 MP312 Valve Site  
 Fort Atkinson, Wisconsin

Volatile Organic Compounds

Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert- butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	9.05
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	38.0
MW-01-32	10/25/22	<b>2,230</b>	<b>159</b>	<36.0	<131	<b>4,120</b>	<b>778</b>	1,790	<b>687</b>	<40.0
MW-01-63	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-25	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-55	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-03-25	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-04-29	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-30	10/25/22	<b>1.1</b>	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-60	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/2022 - Duplicate	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-06-32	10/25/22	<b>0.52 J</b>	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>4</b>
MW-06-60	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>17.4</b>
MW-06-100	10/25/22	<b>0.98 J</b>	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-32	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-60	10/25/22	<b>0.80 J</b>	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-08-27	10/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-33	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 1

**Monitoring Well Sampling Analytical Results - October 2022 - VOCs  
Line 13 MP312 Valve Site  
Fort Atkinson, Wisconsin**

Volatile Organic Compounds										
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert- butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	9.05
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	38.0
MW-09-60	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/2022 - Duplicate	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-10-32	10/25/22	<b>156</b>	0.91 J	<0.29	<1.32	38.5	<1.5	19.9	<1.1	<0.32
MW-11-32	10/26/22	<b>1.8</b>	<0.33	<0.29	<1.05	2.2 J	<1.5	1.3 J	<1.1	<0.32
MW-12-31	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-13-33	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-14-31	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22 - Duplicate	<b>157</b>	0.36 J	<0.29	0.50 J	39.2	<1.5	20.7	<1.1	<0.32
MW-15-32	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-16-29	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-17-20	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-18-31	10/25/22	<b>16,500</b>	<b>147</b>	<b>6030</b>	461	785	<146	188 J	<113	<32.0
Trip Blank	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
Equipment Blank	10/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

**Table 1**

**Monitoring Well Sampling Analytical Results - October 2022 - VOCs  
Line 13 MP312 Valve Site  
Fort Atkinson, Wisconsin**

Volatile Organic Compounds

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

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commercial VRSL

**Bold = Enforcement Standard exceedance**

*Italics = Preventive Action Limit exceedance*

Acronyms and Abbreviations

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

b/ WDNR Vapor Risk Screening Level (VRSL) based on U.S. Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISL). February 2022.

In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10<sup>-5</sup>, 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	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-01-32	10/09/20	23,700	222	7,650	728	NA	NA	NA	<249	<51.0
	01/15/21	24,400	244	10,400	775	NA	NA	NA	<249	<51.0
	04/01/21	17,600	220	9,280	758	1,180	178 J	259	89.9 J	<12.8
	07/08/21	21,800	188	8,150	586	933	<73.1	175 J	<56.5	<16.0
	10/26/21	18,900	167 J	7,830	503	556 J	<292	<239	<226	<63.9
	01/25/22	20,700	207	8,690	637	1,600	1,480	424 J	<144	<40.0
	04/20/22	22,200	223	9,560	743	1,460	272 J	290 J	<226	<63.9
	07/27/22	15,300	<40.6	647	58.5 J	636	1,210	<149	<141	<40.0
	10/25/22	2,230	159	<36.0	<131	4,120	778	1,790	687	<40.0
MW-01-63	09/08/21	0.50 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	0.41 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	1.6 J	<0.32
	01/25/22	0.80 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	1.1	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	

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	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-02-55	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-03-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-04-29	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

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	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-05-30	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/09/21	0.61 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	09/01/21	1.3	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	2.0	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	1.9	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	1.2	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	1.6	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	1.1	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-60	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	NA	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-06-32	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	1.0
	01/14/21	0.34 J	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	1.7
	04/01/21	3.4	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	0.95 J
	05/26/21	4.7	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.3
	06/24/21	6.3	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.3
	07/09/21	6.8	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.1
	08/31/21	7.5	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	0.53 J
	10/27/21	5.9	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.6
	01/24/22	4.7	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.9
	04/19/22	2.1	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	3.3
	07/26/22	0.86 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	2.7
	10/25/22	0.52 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	4



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	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-06-60	08/31/21	<0.30	<0.33	0.33 J	<1.05	<1.3	<1.5	<1.2	<1.1	<b>11.3</b>
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>15.0</b>
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>12.5</b>
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>16.9</b>
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>19.7</b>
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<b>17.4</b>
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	<b>0.98 J</b>	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-32	10/09/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-60	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<b>0.80 J</b>	<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	Methyl-tert-butyl								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	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	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
10/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	
MW-09-33	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-60	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
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

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	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-11-32	09/08/21	2.2	<0.33	<0.29	<1.05	6.8	<1.5	2.0 J	<1.1	<0.32
	10/27/21	2.0	<0.33	<0.29	<1.05	3.9 J	<1.5	1.6 J	<1.1	0.47 J
	01/25/22	1.8	<0.33	<0.29	<1.05	4.2 J	17.2	2.0 J	<1.1	<0.32
	04/19/22	2.3	<0.33	<0.29	<1.05	6.5	<1.5	2.5 J	<1.1	<0.32
	07/26/22	2.1	<0.33	<0.29	<1.05	4.8 J	<1.5	1.7 J	<1.1	<0.32
	10/26/22	1.8	<0.33	<0.29	<1.05	2.2 J	<1.5	1.3 J	<1.1	<0.32
MW-12-31	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-13-33	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
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



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	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-15-32	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-16-29	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-17-20	12/14/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/21/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-18-31	08/23/22	<b>13,400</b>	<b>133</b>	<b>1,410</b>	211.2 J	445 J	<146	<119	<113	<32.0
	10/25/22	<b>16,500</b>	<b>147</b>	<b>6,030</b>	461	785	<146	188 J	<113	<32.0

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

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commercial VRSL

**Bold = Enforcement Standard exceedance**

*Italics = Preventive Action Limit exceedance*

Acronyms and Abbreviations

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

b/ WDNR Vapor Risk Screening Level (VRSL) based on U.S. Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISL). February 2022.

In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10<sup>-5</sup>, Attenuation Factor of 0.001, and a site-specific average groundwater temperature of 12.83°C. VRSL for TCE is equal to the ES (5 ug/l).

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

NA = Not accessible.

NE = Not established.

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

ug/L = Micrograms per liter.

Table 3

Monitoring Well Sampling Analytical Results - October 2022 - 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
<u>Upgradient Locations</u>												
MW-02-25	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
MW-17-20	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
<u>Source Area Locations</u>												
MW-01-32	10/25/22	220	1	0.57 J	94,100	<b>7,550</b>	<b>7,500</b>	<b>210</b>	<b>203</b>	528	<0.059	0.66 J
MW-14-31	10/25/22	210	0.97 J	<0.24	125,000	<b>4,360</b>	<b>4,500</b>	<b>828</b>	<b>821</b>	598	<0.059	2.8
	10/25/22 - Duplicate	200.0	0.95 J	0.28 J	116,000	<b>4,510</b>	<b>4,460</b>	<b>840</b>	<b>816</b>	603	<0.059	2.7
<u>Downgradient Locations</u>												
MW-06-32	10/25/22	<2.0	0.41 J	0.38 J	91,200	<56.7	<29.6	<b>28.8</b>	23.6	560	1.2	21.2
MW-10-32	10/25/22	42	1	0.44 J	79,900	<b>1,820</b>	<b>1,700</b>	<b>520</b>	<b>489</b>	460	<0.059	7.4

Table 3

Monitoring Well Sampling Analytical Results - October 2022 - MNA 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 (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
		Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE
Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE	
<u>Upgradient Locations</u>										
MW-02-25	10/24/22	6.75	6.98	0.848	0.0	2.11	15.43	156	Clear	None
MW-17-20	10/24/22	8.5	7.06	0.714	1.4	3.29	17.35	173	Clear	None
<u>Source Area Locations</u>										
MW-01-32	10/25/22	2.5	6.44	1.01	10.3	0.01	13.06	-107	Clear	None
MW-14-31	10/25/22 10/25/22 - Duplicate	6	6.43	1.08	0.0	0.08	13.40	-113	Clear	None
<u>Downgradient Locations</u>										
MW-06-32	10/25/22	11.25	6.47	1.14	0.0	0.56	12.62	-34	Clear	None
MW-10-32	10/25/22	9.6	6.60	0.936	0.0	0.00	12.75	-106	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. June 2021.

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 4

Historical Monitoring Well Sampling Results - 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
<u>Upgradient Locations</u>												
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
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
<u>Source Area Locations</u>												
MW-01-32	04/20/22	210	1.2	0.29 J	67,300	<b>6,830</b>	<b>6,130</b>	<b>122</b>	<b>112</b>	538	<0.059	1.3 J (b)
	07/27/22	130	1.1	1.0	54,100	<b>7,100</b>	<b>7,090</b>	<b>104</b>	<b>106</b>	522	<0.059	<0.44
	10/25/22	220	1	0.57 J	94,100	<b>7,550</b>	<b>7,500</b>	<b>210</b>	<b>203</b>	528	<0.059	0.66 J
MW-14-31	04/18/22	120	1.7	<0.24	124,000	<b>3,080</b>	<b>2,760</b>	<b>1,280</b>	<b>1,230</b>	560	<0.059	0.79 J (b)
	07/26/22	160	1.4	0.53 J	123,000	<b>4,350</b>	<b>3,940</b>	<b>859</b>	<b>848</b>	569	<0.059	0.91 J
	10/25/22	210	0.97 J	<0.24	125,000	<b>4,360</b>	<b>4,500</b>	<b>828</b>	<b>821</b>	598	<0.059	2.8
<u>Downgradient Locations</u>												
MW-06-32	04/19/22	<2.0	0.20 J	<0.24	120,000	<56.7	<29.6	<b>44.2</b>	<b>38.3</b>	553	2.0	26.8 (b)
	07/26/22	3.1 J	0.66 J	0.66 J	107,000	<56.7	<29.6	<b>37.2</b>	<b>35.4</b>	562	1.6	24.4
	10/25/22	<2.0	0.41 J	0.38 J	91,200	<56.7	<29.6	<b>28.8</b>	<b>23.6</b>	560	1.2	21.2
MW-10-32	04/20/22	40	0.84 J	<0.24	87,500	<b>1,340</b>	<b>1,230</b>	<b>595</b>	<b>565</b>	442	<0.059	7.5 (b)
	07/27/22	54	1.7	0.99 J	114,000	<b>1,680</b>	<b>1,530</b>	<b>534</b>	<b>536</b>	453	0.12 J	8.7
	10/25/22	42	1	0.44 J	79,900	<b>1,820</b>	<b>1,700</b>	<b>520</b>	<b>489</b>	460	<0.059	7.4



Table 4

**Historical Monitoring Well Sampling Results - MNA 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 (°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
<u>Upgradient Locations</u>										
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
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
<u>Source Area Locations</u>										
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
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
<u>Downgradient Locations</u>										
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
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

**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 (°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

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. June 2021.

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
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
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
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
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

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
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
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
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	

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
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
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	
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
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



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
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
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
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
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

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
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
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
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
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
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

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
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
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
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
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
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

Acronyms and Abbreviations

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

## ENCLOSURE A – LABORATORY ANALYTICAL RESULTS

November 07, 2022

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

RE: Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on October 25, 2022. 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: Cal Johnson, WSP USA - MADISON



## REPORT OF LABORATORY ANALYSIS

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



## CERTIFICATIONS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

---

### **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

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253611001	MW-17-20	Water	10/24/22 13:50	10/25/22 08:00
40253611002	MW-02-25	Water	10/24/22 15:00	10/25/22 08:00
40253611003	MW-04-29	Water	10/24/22 13:00	10/25/22 08:00
40253611004	MW-03-25	Water	10/24/22 11:40	10/25/22 08:00
40253611005	MW-13-33	Water	10/24/22 14:45	10/25/22 08:00
40253611006	MW-15-32	Water	10/24/22 13:25	10/25/22 08:00
40253611007	MW-12-31	Water	10/24/22 11:30	10/25/22 08:00
40253611008	MW-16-29	Water	10/24/22 10:35	10/25/22 08:00
40253611009	TRIP BLANK	Water	10/24/22 00:00	10/25/22 08:00

## REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253611001	MW-17-20	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	JAV	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		40253611002	MW-02-25	RSK-175	LMB
RSK-175	BDP			1	GCLA
EPA 6010D	SIS			2	PASI-G
EPA 6010D	SIS			2	PASI-G
EPA 8260	JAV			68	PASI-G
EPA 300.0	HMB			1	PASI-G
EPA 310.2	DAW			1	PASI-G
EPA 353.2	DAW			1	PASI-G
40253611003	MW-04-29			EPA 8260	JAV
40253611004	MW-03-25	EPA 8260	JAV	68	PASI-G
40253611005	MW-13-33	EPA 8260	JAV	68	PASI-G
40253611006	MW-15-32	EPA 8260	JAV	68	PASI-G
40253611007	MW-12-31	EPA 8260	JAV	68	PASI-G
40253611008	MW-16-29	EPA 8260	JAV	68	PASI-G
40253611009	TRIP BLANK	EPA 8260	JAV	68	PASI-G

GCLA = Pace Analytical Gulf Coast

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-17-20**      **Lab ID: 40253611001**      Collected: 10/24/22 13:50      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	<2.0	ug/L	5.0	2.0	1		10/31/22 15:18	74-82-8	
Ethane	0.49J	ug/L	1.0	0.17	1		10/31/22 15:18	74-84-0	
Ethene	0.34J	ug/L	1.0	0.24	1		10/31/22 15:18	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	264000	ug/L	18000	2540	20		11/03/22 14:30	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<56.7	ug/L	100	56.7	1	10/27/22 04:47	10/27/22 20:53	7439-89-6	
Manganese	2.3J	ug/L	5.0	1.5	1	10/27/22 04:47	10/27/22 20:53	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		11/01/22 14:39	7439-89-6	
Manganese, Dissolved	2.3J	ug/L	5.0	1.1	1		11/01/22 14:39	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 12:34	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 12:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 12:34	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 12:34	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 12:34	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 12:34	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 12:34	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 12:34	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 12:34	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 12:34	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 12:34	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 12:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 12:34	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 12:34	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 12:34	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 12:34	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 12:34	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 12:34	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 12:34	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 12:34	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 12:34	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 12:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 12:34	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 12:34	71-43-2	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-17-20**      **Lab ID: 40253611001**      Collected: 10/24/22 13:50      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 12:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 12:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 12:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 12:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 12:34	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 12:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 12:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 12:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 12:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 12:34	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 12:34	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 12:34	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 12:34	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 12:34	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 12:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 12:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 12:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 12:34	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 12:34	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 12:34	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 12:34	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 12:34	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 12:34	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 12:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 12:34	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 12:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 12:34	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 12:34	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 12:34	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 12:34	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 12:34	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 12:34	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 12:34	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 12:34	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 12:34	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 12:34	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 12:34	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 12:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 12:34	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 12:34	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 12:34	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 12:34	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		11/01/22 12:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/01/22 12:34	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

---

**Sample: MW-17-20**      **Lab ID: 40253611001**      Collected: 10/24/22 13:50      Received: 10/25/22 08:00      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	<b>3.0</b>	mg/L	2.0	0.44	1		10/31/22 18:11	14808-79-8	
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO <sub>3</sub>	<b>399</b>	mg/L	25.0	7.4	1		10/28/22 13:42		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>0.67</b>	mg/L	0.25	0.059	1		11/02/22 11:46		

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-02-25**      **Lab ID: 40253611002**      Collected: 10/24/22 15:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	57	ug/L	5.0	2.0	1		10/31/22 15:30	74-82-8	
Ethane	0.30J	ug/L	1.0	0.17	1		10/31/22 15:30	74-84-0	
Ethene	<0.24	ug/L	1.0	0.24	1		10/31/22 15:30	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	339000	ug/L	18000	2540	20		11/03/22 14:50	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<56.7	ug/L	100	56.7	1	10/27/22 04:47	10/27/22 20:56	7439-89-6	
Manganese	1.9J	ug/L	5.0	1.5	1	10/27/22 04:47	10/27/22 20:56	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		11/01/22 14:54	7439-89-6	
Manganese, Dissolved	1.7J	ug/L	5.0	1.1	1		11/01/22 14:54	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 13:14	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 13:14	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 13:14	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:14	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 13:14	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 13:14	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 13:14	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 13:14	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 13:14	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 13:14	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 13:14	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 13:14	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 13:14	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 13:14	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 13:14	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:14	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:14	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:14	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 13:14	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 13:14	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 13:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 13:14	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 13:14	71-43-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-02-25**      **Lab ID: 40253611002**      Collected: 10/24/22 15:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 13:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 13:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 13:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 13:14	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 13:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 13:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 13:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 13:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 13:14	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 13:14	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 13:14	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 13:14	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 13:14	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 13:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 13:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 13:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 13:14	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 13:14	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 13:14	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 13:14	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 13:14	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:14	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 13:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 13:14	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 13:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 13:14	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 13:14	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 13:14	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:14	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 13:14	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 13:14	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 13:14	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 13:14	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:14	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:14	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 13:14	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 13:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 13:14	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 13:14	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 13:14	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 13:14	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		11/01/22 13:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/01/22 13:14	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-02-25**      **Lab ID: 40253611002**      Collected: 10/24/22 15:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	<b>3.3</b>	mg/L	2.0	0.44	1		10/31/22 18:24	14808-79-8	
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO <sub>3</sub>	<b>492</b>	mg/L	50.0	14.9	2		10/28/22 13:43		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>0.26</b>	mg/L	0.25	0.059	1		11/02/22 11:47		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-04-29**      **Lab ID: 40253611003**      Collected: 10/24/22 13:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 13:34	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 13:34	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 13:34	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:34	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 13:34	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 13:34	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 13:34	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 13:34	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 13:34	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 13:34	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 13:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 13:34	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 13:34	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 13:34	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 13:34	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:34	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:34	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:34	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 13:34	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 13:34	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 13:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 13:34	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 13:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 13:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 13:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 13:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 13:34	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 13:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 13:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 13:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 13:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 13:34	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 13:34	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 13:34	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 13:34	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 13:34	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 13:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 13:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 13:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 13:34	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 13:34	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 13:34	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 13:34	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-04-29**      **Lab ID: 40253611003**      Collected: 10/24/22 13:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 13:34	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:34	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 13:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 13:34	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 13:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 13:34	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 13:34	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 13:34	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:34	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 13:34	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 13:34	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 13:34	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 13:34	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:34	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:34	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 13:34	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 13:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 13:34	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 13:34	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 13:34	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	70-130		1		11/01/22 13:34	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		11/01/22 13:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/01/22 13:34	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-03-25**      **Lab ID: 40253611004**      Collected: 10/24/22 11:40      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 13:54	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:54	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 13:54	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 13:54	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:54	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 13:54	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 13:54	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 13:54	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 13:54	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 13:54	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 13:54	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 13:54	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 13:54	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 13:54	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 13:54	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 13:54	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:54	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:54	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 13:54	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 13:54	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 13:54	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 13:54	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 13:54	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 13:54	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:54	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 13:54	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 13:54	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 13:54	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 13:54	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 13:54	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 13:54	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 13:54	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 13:54	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 13:54	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 13:54	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 13:54	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 13:54	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 13:54	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 13:54	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 13:54	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 13:54	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 13:54	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 13:54	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 13:54	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 13:54	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-03-25**      **Lab ID: 40253611004**      Collected: 10/24/22 11:40      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 13:54	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:54	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 13:54	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 13:54	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 13:54	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 13:54	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 13:54	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 13:54	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 13:54	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 13:54	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 13:54	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 13:54	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 13:54	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:54	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 13:54	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 13:54	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 13:54	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 13:54	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 13:54	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 13:54	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	70-130		1		11/01/22 13:54	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		11/01/22 13:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		11/01/22 13:54	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-13-33**      **Lab ID: 40253611005**      Collected: 10/24/22 14:45      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 14:14	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:14	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 14:14	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 14:14	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:14	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 14:14	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:14	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:14	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 14:14	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 14:14	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 14:14	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 14:14	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 14:14	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:14	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 14:14	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 14:14	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:14	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:14	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:14	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 14:14	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 14:14	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:14	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:14	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 14:14	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:14	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 14:14	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:14	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 14:14	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:14	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 14:14	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:14	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 14:14	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 14:14	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:14	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 14:14	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 14:14	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 14:14	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 14:14	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:14	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:14	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 14:14	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 14:14	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:14	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:14	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 14:14	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-13-33**      **Lab ID: 40253611005**      Collected: 10/24/22 14:45      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 14:14	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:14	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:14	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 14:14	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 14:14	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:14	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 14:14	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 14:14	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:14	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 14:14	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:14	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:14	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 14:14	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:14	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:14	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:14	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 14:14	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 14:14	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 14:14	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 14:14	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 14:14	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		11/01/22 14:14	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/01/22 14:14	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-15-32**      **Lab ID: 40253611006**      Collected: 10/24/22 13:25      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 14:33	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:33	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 14:33	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 14:33	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:33	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 14:33	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:33	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:33	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 14:33	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 14:33	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 14:33	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 14:33	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 14:33	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:33	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 14:33	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 14:33	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:33	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:33	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:33	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 14:33	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 14:33	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:33	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:33	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 14:33	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:33	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 14:33	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:33	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 14:33	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:33	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 14:33	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:33	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 14:33	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 14:33	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:33	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 14:33	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 14:33	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 14:33	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 14:33	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:33	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:33	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 14:33	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 14:33	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:33	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:33	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 14:33	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-15-32**      **Lab ID: 40253611006**      Collected: 10/24/22 13:25      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 14:33	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:33	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:33	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 14:33	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 14:33	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:33	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 14:33	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 14:33	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:33	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 14:33	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:33	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:33	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 14:33	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:33	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:33	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:33	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 14:33	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 14:33	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 14:33	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 14:33	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 14:33	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		11/01/22 14:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/01/22 14:33	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-12-31**      **Lab ID: 40253611007**      Collected: 10/24/22 11:30      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 14:53	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:53	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 14:53	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 14:53	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:53	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 14:53	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:53	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:53	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 14:53	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 14:53	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 14:53	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 14:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 14:53	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:53	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 14:53	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 14:53	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:53	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:53	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:53	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 14:53	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 14:53	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:53	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 14:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 14:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 14:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:53	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 14:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 14:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 14:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:53	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 14:53	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 14:53	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 14:53	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 14:53	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 14:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 14:53	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:53	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:53	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 14:53	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-12-31**      **Lab ID: 40253611007**      Collected: 10/24/22 11:30      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 14:53	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:53	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 14:53	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 14:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:53	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 14:53	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 14:53	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:53	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 14:53	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:53	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:53	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 14:53	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:53	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:53	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:53	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 14:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 14:53	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 14:53	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 14:53	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	70-130		1		11/01/22 14:53	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		11/01/22 14:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/01/22 14:53	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: MW-16-29**      **Lab ID: 40253611008**      Collected: 10/24/22 10:35      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 17:48	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:48	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 17:48	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 17:48	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:48	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 17:48	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 17:48	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 17:48	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 17:48	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 17:48	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 17:48	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 17:48	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 17:48	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 17:48	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 17:48	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 17:48	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:48	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:48	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:48	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 17:48	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 17:48	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 17:48	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 17:48	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 17:48	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:48	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 17:48	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 17:48	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 17:48	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 17:48	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 17:48	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 17:48	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 17:48	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 17:48	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 17:48	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 17:48	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 17:48	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 17:48	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 17:48	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 17:48	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 17:48	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 17:48	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 17:48	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 17:48	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 17:48	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 17:48	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: MW-16-29**      **Lab ID: 40253611008**      Collected: 10/24/22 10:35      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 17:48	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:48	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 17:48	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 17:48	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 17:48	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 17:48	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 17:48	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 17:48	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:48	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 17:48	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 17:48	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 17:48	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 17:48	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:48	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:48	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 17:48	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 17:48	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 17:48	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 17:48	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 17:48	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 17:48	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		11/01/22 17:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/01/22 17:48	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

**Sample: TRIP BLANK**      **Lab ID: 40253611009**      Collected: 10/24/22 00:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 11:34	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 11:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 11:34	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 11:34	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 11:34	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 11:34	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 11:34	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 11:34	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 11:34	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 11:34	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 11:34	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 11:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 11:34	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 11:34	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 11:34	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 11:34	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 11:34	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 11:34	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 11:34	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 11:34	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 11:34	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 11:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 11:34	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 11:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 11:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 11:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 11:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 11:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 11:34	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 11:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 11:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 11:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 11:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 11:34	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 11:34	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 11:34	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 11:34	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 11:34	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 11:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 11:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 11:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 11:34	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 11:34	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 11:34	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 11:34	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

**Sample: TRIP BLANK**      **Lab ID: 40253611009**      Collected: 10/24/22 00:00      Received: 10/25/22 08:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 11:34	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 11:34	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 11:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 11:34	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 11:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 11:34	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 11:34	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 11:34	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 11:34	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 11:34	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 11:34	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 11:34	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 11:34	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 11:34	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 11:34	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 11:34	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 11:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 11:34	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 11:34	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 11:34	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 11:34	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		11/01/22 11:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/01/22 11:34	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

QC Batch: 753019	Analysis Method: RSK-175
QC Batch Method: RSK-175	Analysis Description: Biodegradation Indicator Gases
	Laboratory: Pace Analytical Gulf Coast

Associated Lab Samples: 40253611001, 40253611002

METHOD BLANK: 2415073 Matrix: Water  
Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<2.0	5.0	10/31/22 13:09	
Ethane	ug/L	<0.17	1.0	10/31/22 13:09	
Ethene	ug/L	<0.24	1.0	10/31/22 13:09	

LABORATORY CONTROL SAMPLE & LCSD: 2415074

Parameter	Units	2415075								
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	380	340	390	90	101	70-130	12	30	
Ethane	ug/L	97	80	92	83	94	70-130	14	30	
Ethene	ug/L	120	98	110	82	92	70-130	11	30	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

QC Batch: 753244

Analysis Method: RSK-175

QC Batch Method: RSK-175

Analysis Description: EPA RSK 175 CO2

Laboratory: Pace Analytical Gulf Coast

Associated Lab Samples: 40253611001, 40253611002

METHOD BLANK: 2416337

Matrix: Water

Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<127	900	11/03/22 14:22	

LABORATORY CONTROL SAMPLE & LCSD: 2416338

2416340

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon dioxide	ug/L	8700	7330	5270	84	61	38-147	33	40	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

QC Batch: 429957 Analysis Method: EPA 6010D  
QC Batch Method: EPA 6010D Analysis Description: ICP Metals, Trace, Dissolved  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253611001, 40253611002

METHOD BLANK: 2476273 Matrix: Water  
Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	11/01/22 14:34	
Manganese, Dissolved	ug/L	<1.1	5.0	11/01/22 14:34	

LABORATORY CONTROL SAMPLE: 2476274

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10100	101	80-120	
Manganese, Dissolved	ug/L	250	268	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476275 2476276

Parameter	Units	40253611001 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	9940	10000	99	100	75-125	1	20	
Manganese, Dissolved	ug/L	2.3J	250	250	266	267	105	106	75-125	0	20	

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

### REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

QC Batch: 429839	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010D MET
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253611001, 40253611002

METHOD BLANK: 2475667 Matrix: Water

Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	10/27/22 20:21	
Manganese	ug/L	<1.5	5.0	10/27/22 20:21	

LABORATORY CONTROL SAMPLE: 2475668

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	10200	102	80-120	
Manganese	ug/L	250	266	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475669 2475670

Parameter	Units	40253528001		2475670		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	ug/L	155	10000	10000	9850	10300	97	102	75-125	5	20
Manganese	ug/L	19.7	250	250	277	279	103	104	75-125	1	20

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

---

QC Batch:	429787	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV Oxygenates
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40253611001, 40253611002, 40253611003, 40253611004, 40253611005, 40253611006, 40253611007, 40253611008, 40253611009

---

METHOD BLANK: 2475299 Matrix: Water  
Associated Lab Samples: 40253611001, 40253611002, 40253611003, 40253611004, 40253611005, 40253611006, 40253611007, 40253611008, 40253611009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/01/22 08:13	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/01/22 08:13	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/01/22 08:13	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/01/22 08:13	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/01/22 08:13	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/01/22 08:13	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/01/22 08:13	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/01/22 08:13	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/01/22 08:13	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/01/22 08:13	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/01/22 08:13	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/01/22 08:13	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/01/22 08:13	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/01/22 08:13	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/01/22 08:13	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/01/22 08:13	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/01/22 08:13	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/01/22 08:13	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/01/22 08:13	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/01/22 08:13	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/01/22 08:13	
2-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 08:13	
4-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 08:13	
Benzene	ug/L	<0.30	1.0	11/01/22 08:13	
Bromobenzene	ug/L	<0.36	1.0	11/01/22 08:13	
Bromochloromethane	ug/L	<0.36	5.0	11/01/22 08:13	
Bromodichloromethane	ug/L	<0.42	1.0	11/01/22 08:13	
Bromoform	ug/L	<3.8	5.0	11/01/22 08:13	
Bromomethane	ug/L	<1.2	5.0	11/01/22 08:13	
Carbon tetrachloride	ug/L	<0.37	1.0	11/01/22 08:13	
Chlorobenzene	ug/L	<0.86	1.0	11/01/22 08:13	
Chloroethane	ug/L	<1.4	5.0	11/01/22 08:13	
Chloroform	ug/L	<1.2	5.0	11/01/22 08:13	
Chloromethane	ug/L	<1.6	5.0	11/01/22 08:13	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/01/22 08:13	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/01/22 08:13	
Cyclohexane	ug/L	<1.3	5.0	11/01/22 08:13	
Dibromochloromethane	ug/L	<2.6	5.0	11/01/22 08:13	
Dibromomethane	ug/L	<0.99	5.0	11/01/22 08:13	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

METHOD BLANK: 2475299 Matrix: Water  
Associated Lab Samples: 40253611001, 40253611002, 40253611003, 40253611004, 40253611005, 40253611006, 40253611007, 40253611008, 40253611009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/01/22 08:13	
Diisopropyl ether	ug/L	<1.1	5.0	11/01/22 08:13	
Ethylbenzene	ug/L	<0.33	1.0	11/01/22 08:13	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/01/22 08:13	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/01/22 08:13	
m&p-Xylene	ug/L	<0.70	2.0	11/01/22 08:13	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/01/22 08:13	
Methylcyclohexane	ug/L	<1.2	5.0	11/01/22 08:13	
Methylene Chloride	ug/L	<0.32	5.0	11/01/22 08:13	
n-Butylbenzene	ug/L	<0.86	1.0	11/01/22 08:13	
n-Heptane	ug/L	<1.6	5.0	11/01/22 08:13	
n-Hexane	ug/L	<1.5	5.0	11/01/22 08:13	
n-Propylbenzene	ug/L	<0.35	1.0	11/01/22 08:13	
Naphthalene	ug/L	<1.1	5.0	11/01/22 08:13	
o-Xylene	ug/L	<0.35	1.0	11/01/22 08:13	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/01/22 08:13	
sec-Butylbenzene	ug/L	<0.42	1.0	11/01/22 08:13	
Styrene	ug/L	<0.36	1.0	11/01/22 08:13	
tert-Butylbenzene	ug/L	<0.59	1.0	11/01/22 08:13	
Tetrachloroethene	ug/L	<0.41	1.0	11/01/22 08:13	
Toluene	ug/L	<0.29	1.0	11/01/22 08:13	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/01/22 08:13	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/01/22 08:13	
Trichloroethene	ug/L	<0.32	1.0	11/01/22 08:13	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/01/22 08:13	
Vinyl chloride	ug/L	<0.17	1.0	11/01/22 08:13	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	11/01/22 08:13	
4-Bromofluorobenzene (S)	%	109	70-130	11/01/22 08:13	
Toluene-d8 (S)	%	105	70-130	11/01/22 08:13	

LABORATORY CONTROL SAMPLE: 2475300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.9	98	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	60.5	121	69-130	
1,1,2-Trichloroethane	ug/L	50	58.2	116	70-130	
1,1-Dichloroethane	ug/L	50	55.8	112	70-130	
1,1-Dichloroethene	ug/L	50	61.2	122	74-131	
1,2,4-Trichlorobenzene	ug/L	50	44.8	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,2-Dichloroethane	ug/L	50	53.4	107	70-137	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

LABORATORY CONTROL SAMPLE: 2475300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	57.0	114	80-121	
1,3-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
Benzene	ug/L	50	54.8	110	70-130	
Bromodichloromethane	ug/L	50	51.3	103	70-130	
Bromoform	ug/L	50	43.9	88	70-130	
Bromomethane	ug/L	50	45.1	90	21-147	
Carbon tetrachloride	ug/L	50	48.1	96	80-146	
Chlorobenzene	ug/L	50	53.6	107	70-130	
Chloroethane	ug/L	50	57.1	114	52-165	
Chloroform	ug/L	50	52.8	106	80-123	
Chloromethane	ug/L	50	41.2	82	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.8	102	70-130	
Cyclohexane	ug/L	50	53.8	108	50-150	
Dibromochloromethane	ug/L	50	48.0	96	70-130	
Dichlorodifluoromethane	ug/L	50	18.8	38	25-121	
Ethylbenzene	ug/L	50	56.9	114	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	43.2	86	70-130	
Methylcyclohexane	ug/L	50	50.6	101	50-150	
Methylene Chloride	ug/L	50	53.5	107	70-130	
o-Xylene	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	53.8	108	70-130	
Tetrachloroethene	ug/L	50	47.4	95	70-130	
Toluene	ug/L	50	55.1	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.7	103	70-130	
Trichloroethene	ug/L	50	52.3	105	70-130	
Trichlorofluoromethane	ug/L	50	54.7	109	65-160	
Vinyl chloride	ug/L	50	47.9	96	63-134	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477865 2477866

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253681001 Result	Spike Conc.	Spike Conc.	MSD Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.5	49.0	101	98	70-134	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	61.8	58.7	124	117	61-135	5	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	58.0	55.6	116	111	70-130	4	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	57.1	55.2	114	110	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	63.3	60.9	127	122	71-130	4	20		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477865 2477866												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253681001 Result	Spike Conc.	Spike Conc.	MS Conc.							
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50		46.0	45.4	92	91	68-131	1	20
1,2-Dibromo-3-chloropropane	ug/L					48.7	47.8				2	20
1,2-Dibromoethane (EDB)	ug/L					52.2	50.4				4	20
1,2-Dichlorobenzene	ug/L	<0.33	50	50		53.4	51.8	107	104	70-130	3	20
1,2-Dichloroethane	ug/L	<0.29	50	50		54.0	52.5	108	105	70-137	3	20
1,2-Dichloropropane	ug/L	<0.45	50	50		58.7	57.3	117	115	80-121	2	20
1,3-Dichlorobenzene	ug/L	<0.35	50	50		52.2	50.8	104	102	70-130	3	20
1,4-Dichlorobenzene	ug/L	<0.89	50	50		50.7	49.5	101	99	70-130	2	20
Benzene	ug/L	<0.30	50	50		56.3	54.3	113	109	70-130	4	20
Bromodichloromethane	ug/L	<0.42	50	50		53.6	51.6	107	103	70-130	4	20
Bromoform	ug/L	<3.8	50	50		44.4	42.9	89	86	70-133	3	20
Bromomethane	ug/L	<1.2	50	50		48.2	48.1	96	96	21-149	0	22
Carbon tetrachloride	ug/L	<0.37	50	50		50.5	49.0	101	98	80-146	3	20
Chlorobenzene	ug/L	<0.86	50	50		54.1	52.4	108	105	70-130	3	20
Chloroethane	ug/L	<1.4	50	50		56.9	58.4	114	117	52-165	3	20
Chloroform	ug/L	<1.2	50	50		54.5	52.5	109	105	80-123	4	20
Chloromethane	ug/L	<1.6	50	50		42.2	39.4	84	79	42-125	7	20
cis-1,2-Dichloroethene	ug/L	<0.47	50	50		51.5	48.7	103	97	70-130	6	20
cis-1,3-Dichloropropene	ug/L	<0.36	50	50		52.5	50.2	105	100	70-130	4	20
Cyclohexane	ug/L					54.7	53.2				3	20
Dibromochloromethane	ug/L	<2.6	50	50		48.9	47.5	98	95	70-130	3	20
Dichlorodifluoromethane	ug/L	<0.46	50	50		18.3	17.2	37	34	25-121	6	20
Ethylbenzene	ug/L	<0.33	50	50		58.1	55.6	116	111	80-121	4	20
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50		55.6	54.1	111	108	70-130	3	20
m&p-Xylene	ug/L	<0.70	100	100		112	108	112	108	70-130	4	20
Methyl-tert-butyl ether	ug/L					45.0	42.3				6	20
Methylcyclohexane	ug/L					51.6	49.3				4	20
Methylene Chloride	ug/L	<0.32	50	50		54.4	53.3	109	107	70-130	2	20
o-Xylene	ug/L	<0.35	50	50		54.8	52.4	110	105	70-130	4	20
Styrene	ug/L	<0.36	50	50		54.3	52.2	109	104	70-132	4	20
Tetrachloroethene	ug/L	<0.41	50	50		48.6	46.6	97	93	70-130	4	20
Toluene	ug/L	<0.29	50	50		56.4	54.4	113	109	80-120	3	20
trans-1,2-Dichloroethene	ug/L	<0.53	50	50		52.1	51.2	104	102	70-130	2	20
trans-1,3-Dichloropropene	ug/L	<3.5	50	50		53.3	51.7	107	103	70-130	3	20
Trichloroethene	ug/L	<0.32	50	50		53.8	51.7	108	103	70-130	4	20
Trichlorofluoromethane	ug/L	<0.42	50	50		54.7	53.5	109	107	65-160	2	20
Vinyl chloride	ug/L	<0.17	50	50		49.1	47.7	98	95	60-137	3	20
1,2-Dichlorobenzene-d4 (S)	%							102	100	70-130		
4-Bromofluorobenzene (S)	%							109	109	70-130		
Toluene-d8 (S)	%							106	105	70-130		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

QC Batch: 430176 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: 40253611001, 40253611002

METHOD BLANK: 2477457 Matrix: Water  
Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	10/31/22 13:04	

LABORATORY CONTROL SAMPLE: 2477458

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477459 2477460

Parameter	Units	40253558004		2477459		2477460		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.	MS Result	MS Spike Conc.					
Sulfate	mg/L	214	400	400	589	643	94	107	90-110	9	15	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477461 2477462

Parameter	Units	40253652001		2477461		2477462		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.	MS Result	MS Spike Conc.				
Sulfate	mg/L	270	200	200	470	446	100	88	90-110	5	15 M0

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

QC Batch: 429923 Analysis Method: EPA 310.2  
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253611001, 40253611002

METHOD BLANK: 2476045 Matrix: Water  
Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/28/22 14:20	

LABORATORY CONTROL SAMPLE: 2476046

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476047 2476048

Parameter	Units	40253727003		40253727003		40253727003		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec					
Alkalinity, Total as CaCO3	mg/L	24.5J	100	100	130	133	105	108	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476049 2476050

Parameter	Units	40253744021		40253744021		40253744021		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec					
Alkalinity, Total as CaCO3	mg/L	609	500	500	1130	1150	103	107	90-110	2	20	

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

### REPORT OF LABORATORY ANALYSIS

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



**QUALITY CONTROL DATA**

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

QC Batch: 430389	Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2	Analysis Description: 353.2 Nitrate + Nitrite, preserved
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253611001, 40253611002

METHOD BLANK: 2478575 Matrix: Water

Associated Lab Samples: 40253611001, 40253611002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/02/22 11:42	

LABORATORY CONTROL SAMPLE: 2478576

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478577 2478578

Parameter	Units	40253645004		2478577		2478578		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					MS % Rec
Nitrogen, NO2 plus NO3	mg/L	0.20J	0.20J	2.5	2.5	2.5	2.5	93	93	90-110	0	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478579 2478580

Parameter	Units	40253975010		2478579		2478580		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					MS % Rec
Nitrogen, NO2 plus NO3	mg/L	1.1	1.1	2.5	2.5	3.6	3.6	100	100	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**

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

## QUALIFIERS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253611

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

## REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253611

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253611001	MW-17-20	RSK-175	753019		
40253611002	MW-02-25	RSK-175	753019		
40253611001	MW-17-20	RSK-175	753244		
40253611002	MW-02-25	RSK-175	753244		
40253611001	MW-17-20	EPA 3010A	429839	EPA 6010D	429942
40253611002	MW-02-25	EPA 3010A	429839	EPA 6010D	429942
40253611001	MW-17-20	EPA 6010D	429957		
40253611002	MW-02-25	EPA 6010D	429957		
40253611001	MW-17-20	EPA 8260	429787		
40253611002	MW-02-25	EPA 8260	429787		
40253611003	MW-04-29	EPA 8260	429787		
40253611004	MW-03-25	EPA 8260	429787		
40253611005	MW-13-33	EPA 8260	429787		
40253611006	MW-15-32	EPA 8260	429787		
40253611007	MW-12-31	EPA 8260	429787		
40253611008	MW-16-29	EPA 8260	429787		
40253611009	TRIP BLANK	EPA 8260	429787		
40253611001	MW-17-20	EPA 300.0	430176		
40253611002	MW-02-25	EPA 300.0	430176		
40253611001	MW-17-20	EPA 310.2	429923		
40253611002	MW-02-25	EPA 310.2	429923		
40253611001	MW-17-20	EPA 353.2	430389		
40253611002	MW-02-25	EPA 353.2	430389		

### REPORT OF LABORATORY ANALYSIS

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



# CHAIN-OF-CUSTODY Analytical Request Document

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

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

40253611

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP/Golder Billing Information: USE NV accounts@wsp.com

Address: \_\_\_\_\_

Report To: Tim Huff Email To: tim.huff@wsp.com

Copy To: \_\_\_\_\_ Site Collection Info/Address: Blackhawk Island Rd

Customer Project Name/Number: 31401967.705 State: WI County/City: At Home Time Zone Collected: [ ] PT [ ] MT [ ] ET

Phone: 717-275-6840 Site/Facility ID #: LN 13 MP 312 Compliance Monitoring?  Yes  No

Email: Joe.Kiel@wsp.com Purchase Order #: \_\_\_\_\_ DW PWS ID #: \_\_\_\_\_

Collected By (print): Joseph Kiel Quote #: \_\_\_\_\_ DW Location Code: \_\_\_\_\_

Collected By (signature): Joseph Kiel Turnaround Date Required: Standards Immediately Packed on Ice:  Yes  No

Sample Disposal:  Dispose as appropriate  Return  Archive: \_\_\_\_\_ Rush:  Same Day  Next Day  2 Day  3 Day  4 Day  5 Day (Expedite Charges Apply)

Hold: \_\_\_\_\_ Field Filtered (if applicable):  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)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW- <del>17-20</del>	GW	G	10/24/22	1750				
MW-2-25			10/24/22	1500				
MW-4-29				1300				
MW-3-25				1140				
MW-13-33				1445				
MW-15-32				1325				
MW-12-31				1130				
MW-16-29				1035				
Trip Blank ①								

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								Lab Profile/Line:
VOCs by 8260	Nitrate + nitrite by 353.2	Alkalinity Sulfate	Total Fe/Mn	Dissolved Fe/Mn	Carbon dioxide by RSK175	Methane Ethane, Ethene by RSK175		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: ① received trip blank lab added to COC 10/25/22 NK

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 #: 2782444

Samples received via:  FEDEX  UPS  Client  Courier  Pace Courier

Lab Sample Temperature Info:

Temp Blank Received:  Y  N  NA

Therm ID#: 98

Cooler 1 Temp Upon Receipt: 3 °C

Cooler 1 Therm Corr. Factor: --- °C

Cooler 1 Corrected Temp: 3 °C

Comments:

Relinquished by/Company: (Signature) Joe Kiel / WSP Date/Time: 10/24/22 1630 Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by/Company: (Signature) CS Logistics Date/Time: 10/25/22 0800 Received by/Company: (Signature) Pace Date/Time: 10/25/22 0800

Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

MTJL LAB USE ONLY

Table #: \_\_\_\_\_

Acctnum: \_\_\_\_\_

Template: \_\_\_\_\_

Prelogin: \_\_\_\_\_

PM: \_\_\_\_\_

PB: \_\_\_\_\_

Trip Blank Received:  Y  N  NA

HCL MeOH TSP Other

Non Conformance(s): \_\_\_\_\_ Page: Page 38 of 40

YES / NO of: 1

Client Name: WSP Golder

Sample Preservation Receipt Form

Project #

40253611

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Lab Lot# of pH paper: 1000722

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

Initial when completed: MR

Date/Time:

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

10/25/22 NR

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

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

Sample Condition Upon Receipt Form (SCUR)

Project #: \_\_\_\_\_

Client Name: WSP Golder

WO#: **40253611**

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-98 Type of Ice: Wet Blue Dry None  Meltwater Only

Cooler Temperature Uncorr: 3 / Corr: 3

Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no

Person examining contents:  
 Date: 10/25/22 / Initials: NK  
 Labeled By Initials: mt

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>+ 2 CC</u> <u>10/25/22 NK</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>pg. #, address, preserv?</u> <u>10/25/22 NK</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>006 "mw-1-32", placed by time</u> <u>w/ hash no of 1345, 10/25/22</u> <u>10/25/22 NK</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <u>received trip blank, lab added</u> <u>to COC</u> <u>10/25/22 NK</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>492</u>		

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

November 08, 2022

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

RE: Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on October 26, 2022. 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: Cal Johnson, WSP USA - MADISON



## REPORT OF LABORATORY ANALYSIS

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



## CERTIFICATIONS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

---

### **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

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253696001	MW-18-31	Water	10/25/22 13:40	10/26/22 07:45
40253696002	MW-01-32	Water	10/25/22 11:35	10/26/22 07:45
40253696003	MW-14-31	Water	10/25/22 09:55	10/26/22 07:45
40253696004	MW-114-31	Water	10/25/22 08:00	10/26/22 07:45
40253696005	MW-10-32	Water	10/25/22 14:55	10/26/22 07:45
40253696006	MW-07-60	Water	10/25/22 11:55	10/26/22 07:45
40253696007	MW-07-32	Water	10/25/22 12:50	10/26/22 07:45
40253696008	MW-01-63	Water	10/25/22 14:30	10/26/22 07:45
40253696009	MW-09-60	Water	10/25/22 10:35	10/26/22 07:45
40253696010	MW-109-60	Water	10/25/22 08:00	10/26/22 07:45
40253696011	TB102522B	Water	10/25/22 00:00	10/26/22 07:45
40253696012	MW-06-100	Water	10/25/22 15:10	10/26/22 07:45
40253696013	MW-09-33	Water	10/25/22 09:00	10/26/22 07:45
40253696014	MW-02-55	Water	10/25/22 09:10	10/26/22 07:45
40253696015	MW-06-60	Water	10/25/22 13:45	10/26/22 07:45
40253696016	MW-06-32	Water	10/25/22 12:15	10/26/22 07:45
40253696017	MW-105-60	Water	10/25/22 08:00	10/26/22 07:45
40253696018	MW-05-30	Water	10/25/22 11:10	10/26/22 07:45
40253696019	MW-05-60	Water	10/25/22 10:30	10/26/22 07:45

## REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253696001	MW-18-31	EPA 8260	JAV	68	PASI-G
40253696002	MW-01-32	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS, TXW	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	JAV	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40253696003	MW-14-31	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS, TXW	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	JAV	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40253696004	MW-114-31	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS, TXW	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	JAV	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40253696005	MW-10-32	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS, TXW	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	JAV	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40253696006	MW-07-60	EPA 8260	JAV	68	PASI-G
40253696007	MW-07-32	EPA 8260	JAV	68	PASI-G
40253696008	MW-01-63	EPA 8260	JAV	68	PASI-G
40253696009	MW-09-60	EPA 8260	JAV	68	PASI-G

### REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40253696010	MW-109-60	EPA 8260	JAV	68	PASI-G
40253696011	TB102522B	EPA 8260	JAV	68	PASI-G
40253696012	MW-06-100	EPA 8260	JAV	68	PASI-G
40253696013	MW-09-33	EPA 8260	JAV	68	PASI-G
40253696014	MW-02-55	EPA 8260	JAV	68	PASI-G
40253696015	MW-06-60	EPA 8260	JAV	68	PASI-G
40253696016	MW-06-32	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS, TXW	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	JAV	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40253696017	MW-105-60	EPA 8260	JAV	68	PASI-G
40253696018	MW-05-30	EPA 8260	JAV	68	PASI-G
40253696019	MW-05-60	EPA 8260	JAV	68	PASI-G

GCLA = Pace Analytical Gulf Coast

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-18-31**      **Lab ID: 40253696001**      Collected: 10/25/22 13:40      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<35.5	ug/L	100	35.5	100		11/01/22 20:47	630-20-6	
1,1,1-Trichloroethane	<30.3	ug/L	100	30.3	100		11/01/22 20:47	71-55-6	
1,1,2,2-Tetrachloroethane	<37.8	ug/L	100	37.8	100		11/01/22 20:47	79-34-5	
1,1,2-Trichloroethane	<34.4	ug/L	500	34.4	100		11/01/22 20:47	79-00-5	
1,1-Dichloroethane	<29.6	ug/L	100	29.6	100		11/01/22 20:47	75-34-3	
1,1-Dichloroethene	<58.2	ug/L	100	58.2	100		11/01/22 20:47	75-35-4	
1,1-Dichloropropene	<41.0	ug/L	100	41.0	100		11/01/22 20:47	563-58-6	
1,2,3-Trichlorobenzene	<102	ug/L	500	102	100		11/01/22 20:47	87-61-6	
1,2,3-Trichloropropane	<55.5	ug/L	500	55.5	100		11/01/22 20:47	96-18-4	
1,2,4-Trichlorobenzene	<95.1	ug/L	500	95.1	100		11/01/22 20:47	120-82-1	
1,2,4-Trimethylbenzene	<44.9	ug/L	100	44.9	100		11/01/22 20:47	95-63-6	
1,2-Dibromo-3-chloropropane	<237	ug/L	500	237	100		11/01/22 20:47	96-12-8	
1,2-Dibromoethane (EDB)	<30.9	ug/L	100	30.9	100		11/01/22 20:47	106-93-4	
1,2-Dichlorobenzene	<32.6	ug/L	100	32.6	100		11/01/22 20:47	95-50-1	
1,2-Dichloroethane	<29.2	ug/L	100	29.2	100		11/01/22 20:47	107-06-2	
1,2-Dichloropropane	<44.8	ug/L	100	44.8	100		11/01/22 20:47	78-87-5	
1,3,5-Trimethylbenzene	<35.7	ug/L	100	35.7	100		11/01/22 20:47	108-67-8	
1,3-Dichlorobenzene	<35.1	ug/L	100	35.1	100		11/01/22 20:47	541-73-1	
1,3-Dichloropropane	<30.5	ug/L	100	30.5	100		11/01/22 20:47	142-28-9	
1,4-Dichlorobenzene	<89.2	ug/L	100	89.2	100		11/01/22 20:47	106-46-7	
2,2-Dichloropropane	<418	ug/L	500	418	100		11/01/22 20:47	594-20-7	
2-Chlorotoluene	<89.0	ug/L	500	89.0	100		11/01/22 20:47	95-49-8	
4-Chlorotoluene	<89.4	ug/L	500	89.4	100		11/01/22 20:47	106-43-4	
Benzene	16500	ug/L	100	29.5	100		11/01/22 20:47	71-43-2	
Bromobenzene	<36.1	ug/L	100	36.1	100		11/01/22 20:47	108-86-1	
Bromochloromethane	<35.8	ug/L	500	35.8	100		11/01/22 20:47	74-97-5	
Bromodichloromethane	<41.5	ug/L	100	41.5	100		11/01/22 20:47	75-27-4	
Bromoform	<380	ug/L	500	380	100		11/01/22 20:47	75-25-2	
Bromomethane	<119	ug/L	500	119	100		11/01/22 20:47	74-83-9	
Carbon tetrachloride	<36.9	ug/L	100	36.9	100		11/01/22 20:47	56-23-5	
Chlorobenzene	<85.5	ug/L	100	85.5	100		11/01/22 20:47	108-90-7	
Chloroethane	<138	ug/L	500	138	100		11/01/22 20:47	75-00-3	
Chloroform	<118	ug/L	500	118	100		11/01/22 20:47	67-66-3	
Chloromethane	<164	ug/L	500	164	100		11/01/22 20:47	74-87-3	
Cyclohexane	785	ug/L	500	129	100		11/01/22 20:47	110-82-7	
Dibromochloromethane	<264	ug/L	500	264	100		11/01/22 20:47	124-48-1	
Dibromomethane	<99.1	ug/L	500	99.1	100		11/01/22 20:47	74-95-3	
Dichlorodifluoromethane	<45.5	ug/L	500	45.5	100		11/01/22 20:47	75-71-8	
Diisopropyl ether	<110	ug/L	500	110	100		11/01/22 20:47	108-20-3	
Ethylbenzene	147	ug/L	100	32.5	100		11/01/22 20:47	100-41-4	
Hexachloro-1,3-butadiene	<274	ug/L	500	274	100		11/01/22 20:47	87-68-3	
Isopropylbenzene (Cumene)	<100	ug/L	500	100	100		11/01/22 20:47	98-82-8	
Methyl-tert-butyl ether	<113	ug/L	500	113	100		11/01/22 20:47	1634-04-4	
Methylcyclohexane	188J	ug/L	500	119	100		11/01/22 20:47	108-87-2	
Methylene Chloride	<31.9	ug/L	500	31.9	100		11/01/22 20:47	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-18-31**      **Lab ID: 40253696001**      Collected: 10/25/22 13:40      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<113	ug/L	500	113	100		11/01/22 20:47	91-20-3	
Styrene	<35.6	ug/L	100	35.6	100		11/01/22 20:47	100-42-5	
Tetrachloroethene	<40.9	ug/L	100	40.9	100		11/01/22 20:47	127-18-4	
Toluene	6030	ug/L	100	28.8	100		11/01/22 20:47	108-88-3	
Trichloroethene	<32.0	ug/L	100	32.0	100		11/01/22 20:47	79-01-6	
Trichlorofluoromethane	<41.9	ug/L	100	41.9	100		11/01/22 20:47	75-69-4	
Vinyl chloride	<17.4	ug/L	100	17.4	100		11/01/22 20:47	75-01-4	
cis-1,2-Dichloroethene	<47.2	ug/L	100	47.2	100		11/01/22 20:47	156-59-2	
cis-1,3-Dichloropropene	<35.8	ug/L	100	35.8	100		11/01/22 20:47	10061-01-5	
m&p-Xylene	250	ug/L	200	70.0	100		11/01/22 20:47	179601-23-1	
n-Butylbenzene	<85.7	ug/L	100	85.7	100		11/01/22 20:47	104-51-8	
n-Heptane	<163	ug/L	500	163	100		11/01/22 20:47	142-82-5	
n-Hexane	<146	ug/L	500	146	100		11/01/22 20:47	110-54-3	
n-Propylbenzene	<34.5	ug/L	100	34.5	100		11/01/22 20:47	103-65-1	
o-Xylene	211	ug/L	100	34.8	100		11/01/22 20:47	95-47-6	
p-Isopropyltoluene	<104	ug/L	500	104	100		11/01/22 20:47	99-87-6	
sec-Butylbenzene	<42.4	ug/L	100	42.4	100		11/01/22 20:47	135-98-8	
tert-Butylbenzene	<58.6	ug/L	100	58.6	100		11/01/22 20:47	98-06-6	
trans-1,2-Dichloroethene	<52.8	ug/L	100	52.8	100		11/01/22 20:47	156-60-5	
trans-1,3-Dichloropropene	<346	ug/L	500	346	100		11/01/22 20:47	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	70-130		100		11/01/22 20:47	2037-26-5	
4-Bromofluorobenzene (S)	114	%	70-130		100		11/01/22 20:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		100		11/01/22 20:47	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-01-32**      **Lab ID: 40253696002**      Collected: 10/25/22 11:35      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	220	ug/L	5.0	2.0	1		10/31/22 14:16	74-82-8	
Ethane	1.0	ug/L	1.0	0.17	1		10/31/22 14:16	74-84-0	
Ethene	0.57J	ug/L	1.0	0.24	1		10/31/22 14:16	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	94100	ug/L	18000	2540	20		11/03/22 15:00	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	7550	ug/L	100	56.7	1	10/31/22 07:20	11/01/22 02:18	7439-89-6	
Manganese	210	ug/L	5.0	1.5	1	10/27/22 05:45	10/27/22 14:29	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	7500	ug/L	100	29.6	1		11/01/22 15:55	7439-89-6	
Manganese, Dissolved	203	ug/L	5.0	1.1	1		11/01/22 15:55	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<44.4	ug/L	125	44.4	125		11/01/22 20:27	630-20-6	
1,1,1-Trichloroethane	<37.8	ug/L	125	37.8	125		11/01/22 20:27	71-55-6	
1,1,2,2-Tetrachloroethane	<47.2	ug/L	125	47.2	125		11/01/22 20:27	79-34-5	
1,1,2-Trichloroethane	<43.1	ug/L	625	43.1	125		11/01/22 20:27	79-00-5	
1,1-Dichloroethane	<37.0	ug/L	125	37.0	125		11/01/22 20:27	75-34-3	
1,1-Dichloroethene	<72.8	ug/L	125	72.8	125		11/01/22 20:27	75-35-4	
1,1-Dichloropropene	<51.3	ug/L	125	51.3	125		11/01/22 20:27	563-58-6	
1,2,3-Trichlorobenzene	<127	ug/L	625	127	125		11/01/22 20:27	87-61-6	
1,2,3-Trichloropropane	<69.4	ug/L	625	69.4	125		11/01/22 20:27	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		11/01/22 20:27	120-82-1	
1,2,4-Trimethylbenzene	<56.1	ug/L	125	56.1	125		11/01/22 20:27	95-63-6	
1,2-Dibromo-3-chloropropane	<296	ug/L	625	296	125		11/01/22 20:27	96-12-8	
1,2-Dibromoethane (EDB)	<38.6	ug/L	125	38.6	125		11/01/22 20:27	106-93-4	
1,2-Dichlorobenzene	<40.7	ug/L	125	40.7	125		11/01/22 20:27	95-50-1	
1,2-Dichloroethane	<36.4	ug/L	125	36.4	125		11/01/22 20:27	107-06-2	
1,2-Dichloropropane	<56.0	ug/L	125	56.0	125		11/01/22 20:27	78-87-5	
1,3,5-Trimethylbenzene	<44.7	ug/L	125	44.7	125		11/01/22 20:27	108-67-8	
1,3-Dichlorobenzene	<43.9	ug/L	125	43.9	125		11/01/22 20:27	541-73-1	
1,3-Dichloropropane	<38.1	ug/L	125	38.1	125		11/01/22 20:27	142-28-9	
1,4-Dichlorobenzene	<112	ug/L	125	112	125		11/01/22 20:27	106-46-7	
2,2-Dichloropropane	<522	ug/L	625	522	125		11/01/22 20:27	594-20-7	
2-Chlorotoluene	<111	ug/L	625	111	125		11/01/22 20:27	95-49-8	
4-Chlorotoluene	<112	ug/L	625	112	125		11/01/22 20:27	106-43-4	
Benzene	2230	ug/L	125	36.9	125		11/01/22 20:27	71-43-2	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-01-32**      **Lab ID: 40253696002**      Collected: 10/25/22 11:35      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<45.1	ug/L	125	45.1	125		11/01/22 20:27	108-86-1	
Bromochloromethane	<44.7	ug/L	625	44.7	125		11/01/22 20:27	74-97-5	
Bromodichloromethane	<51.9	ug/L	125	51.9	125		11/01/22 20:27	75-27-4	
Bromoform	<475	ug/L	625	475	125		11/01/22 20:27	75-25-2	
Bromomethane	<149	ug/L	625	149	125		11/01/22 20:27	74-83-9	
Carbon tetrachloride	<46.2	ug/L	125	46.2	125		11/01/22 20:27	56-23-5	
Chlorobenzene	<107	ug/L	125	107	125		11/01/22 20:27	108-90-7	
Chloroethane	<172	ug/L	625	172	125		11/01/22 20:27	75-00-3	
Chloroform	<148	ug/L	625	148	125		11/01/22 20:27	67-66-3	
Chloromethane	<204	ug/L	625	204	125		11/01/22 20:27	74-87-3	
Cyclohexane	4120	ug/L	625	161	125		11/01/22 20:27	110-82-7	
Dibromochloromethane	<330	ug/L	625	330	125		11/01/22 20:27	124-48-1	
Dibromomethane	<124	ug/L	625	124	125		11/01/22 20:27	74-95-3	
Dichlorodifluoromethane	<56.9	ug/L	625	56.9	125		11/01/22 20:27	75-71-8	
Diisopropyl ether	<138	ug/L	625	138	125		11/01/22 20:27	108-20-3	
Ethylbenzene	159	ug/L	125	40.6	125		11/01/22 20:27	100-41-4	
Hexachloro-1,3-butadiene	<342	ug/L	625	342	125		11/01/22 20:27	87-68-3	
Isopropylbenzene (Cumene)	<125	ug/L	625	125	125		11/01/22 20:27	98-82-8	
Methyl-tert-butyl ether	687	ug/L	625	141	125		11/01/22 20:27	1634-04-4	
Methylcyclohexane	1790	ug/L	625	149	125		11/01/22 20:27	108-87-2	
Methylene Chloride	<39.9	ug/L	625	39.9	125		11/01/22 20:27	75-09-2	
Naphthalene	<141	ug/L	625	141	125		11/01/22 20:27	91-20-3	
Styrene	<44.5	ug/L	125	44.5	125		11/01/22 20:27	100-42-5	
Tetrachloroethene	<51.1	ug/L	125	51.1	125		11/01/22 20:27	127-18-4	
Toluene	<36.0	ug/L	125	36.0	125		11/01/22 20:27	108-88-3	
Trichloroethene	<40.0	ug/L	125	40.0	125		11/01/22 20:27	79-01-6	
Trichlorofluoromethane	<52.3	ug/L	125	52.3	125		11/01/22 20:27	75-69-4	
Vinyl chloride	<21.8	ug/L	125	21.8	125		11/01/22 20:27	75-01-4	
cis-1,2-Dichloroethene	<58.9	ug/L	125	58.9	125		11/01/22 20:27	156-59-2	
cis-1,3-Dichloropropene	<44.8	ug/L	125	44.8	125		11/01/22 20:27	10061-01-5	
m&p-Xylene	<87.5	ug/L	250	87.5	125		11/01/22 20:27	179601-23-1	
n-Butylbenzene	<107	ug/L	125	107	125		11/01/22 20:27	104-51-8	
n-Heptane	<204	ug/L	625	204	125		11/01/22 20:27	142-82-5	
n-Hexane	778	ug/L	625	183	125		11/01/22 20:27	110-54-3	
n-Propylbenzene	<43.2	ug/L	125	43.2	125		11/01/22 20:27	103-65-1	
o-Xylene	<43.5	ug/L	125	43.5	125		11/01/22 20:27	95-47-6	
p-Isopropyltoluene	<130	ug/L	625	130	125		11/01/22 20:27	99-87-6	
sec-Butylbenzene	<53.0	ug/L	125	53.0	125		11/01/22 20:27	135-98-8	
tert-Butylbenzene	<73.3	ug/L	125	73.3	125		11/01/22 20:27	98-06-6	
trans-1,2-Dichloroethene	<66.0	ug/L	125	66.0	125		11/01/22 20:27	156-60-5	
trans-1,3-Dichloropropene	<433	ug/L	625	433	125		11/01/22 20:27	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	108	%	70-130		125		11/01/22 20:27	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		125		11/01/22 20:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		125		11/01/22 20:27	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

---

**Sample: MW-01-32**      **Lab ID: 40253696002**      Collected: 10/25/22 11:35      Received: 10/26/22 07:45      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<b>0.66J</b>	mg/L	2.0	0.44	1		11/03/22 01:37	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>528</b>	mg/L	125	37.2	5		10/28/22 14:21		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>&lt;0.059</b>	mg/L	0.25	0.059	1		11/02/22 12:05		

## REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-14-31**      **Lab ID: 40253696003**      Collected: 10/25/22 09:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	210	ug/L	5.0	2.0	1		10/31/22 14:28	74-82-8	
Ethane	0.97J	ug/L	1.0	0.17	1		10/31/22 14:28	74-84-0	
Ethene	<0.24	ug/L	1.0	0.24	1		10/31/22 14:28	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	125000	ug/L	18000	2540	20		11/03/22 15:06	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4360	ug/L	100	56.7	1	10/31/22 07:20	11/01/22 02:33	7439-89-6	
Manganese	828	ug/L	5.0	1.5	1	10/27/22 05:45	10/27/22 14:35	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	4500	ug/L	100	29.6	1		11/01/22 15:57	7439-89-6	
Manganese, Dissolved	821	ug/L	5.0	1.1	1		11/01/22 15:57	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 19:27	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:27	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 19:27	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 19:27	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:27	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 19:27	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:27	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:27	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 19:27	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 19:27	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 19:27	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 19:27	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 19:27	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:27	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 19:27	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 19:27	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:27	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:27	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:27	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 19:27	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 19:27	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:27	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:27	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 19:27	71-43-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-14-31**      **Lab ID: 40253696003**      Collected: 10/25/22 09:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:27	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 19:27	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:27	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 19:27	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:27	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 19:27	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:27	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 19:27	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 19:27	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:27	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 19:27	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 19:27	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 19:27	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 19:27	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:27	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:27	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 19:27	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 19:27	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:27	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:27	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 19:27	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 19:27	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:27	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:27	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 19:27	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 19:27	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:27	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 19:27	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 19:27	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:27	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 19:27	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:27	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:27	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 19:27	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:27	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:27	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:27	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 19:27	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 19:27	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 19:27	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 19:27	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	108	%	70-130		1		11/01/22 19:27	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		11/01/22 19:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/01/22 19:27	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-14-31**      **Lab ID: 40253696003**      Collected: 10/25/22 09:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	<b>2.8</b>	mg/L	2.0	0.44	1		11/03/22 01:51	14808-79-8	
<b>310.2 Alkalinity</b>	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO <sub>3</sub>	<b>598</b>	mg/L	50.0	14.9	2		10/28/22 13:45		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>&lt;0.059</b>	mg/L	0.25	0.059	1		11/02/22 12:05		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-114-31**      **Lab ID: 40253696004**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	200	ug/L	5.0	2.0	1		10/31/22 14:40	74-82-8	
Ethane	0.95J	ug/L	1.0	0.17	1		10/31/22 14:40	74-84-0	
Ethene	0.28J	ug/L	1.0	0.24	1		10/31/22 14:40	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	116000	ug/L	18000	2540	20		11/03/22 15:12	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4510	ug/L	100	56.7	1	10/31/22 07:20	11/01/22 02:38	7439-89-6	
Manganese	840	ug/L	5.0	1.5	1	10/27/22 05:45	10/27/22 14:37	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	4460	ug/L	100	29.6	1		11/01/22 16:00	7439-89-6	
Manganese, Dissolved	816	ug/L	5.0	1.1	1		11/01/22 16:00	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 19:47	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 19:47	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 19:47	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:47	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 19:47	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:47	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:47	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 19:47	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 19:47	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 19:47	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 19:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 19:47	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:47	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 19:47	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 19:47	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:47	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:47	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:47	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 19:47	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 19:47	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:47	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:47	106-43-4	
Benzene	157	ug/L	1.0	0.30	1		11/01/22 19:47	71-43-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-114-31**      **Lab ID: 40253696004**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 19:47	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:47	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 19:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:47	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 19:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:47	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 19:47	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 19:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:47	74-87-3	
Cyclohexane	39.2	ug/L	5.0	1.3	1		11/01/22 19:47	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 19:47	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 19:47	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 19:47	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:47	108-20-3	
Ethylbenzene	0.36J	ug/L	1.0	0.33	1		11/01/22 19:47	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 19:47	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 19:47	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:47	1634-04-4	
Methylcyclohexane	20.7	ug/L	5.0	1.2	1		11/01/22 19:47	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 19:47	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 19:47	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:47	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 19:47	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 19:47	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:47	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 19:47	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 19:47	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:47	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 19:47	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:47	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:47	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 19:47	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:47	103-65-1	
o-Xylene	0.50J	ug/L	1.0	0.35	1		11/01/22 19:47	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:47	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 19:47	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 19:47	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 19:47	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 19:47	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	107	%	70-130		1		11/01/22 19:47	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		11/01/22 19:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		11/01/22 19:47	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

---

**Sample: MW-114-31**      **Lab ID: 40253696004**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<b>2.7</b>	mg/L	2.0	0.44	1		11/03/22 02:06	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>603</b>	mg/L	125	37.2	5		10/28/22 14:22		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>&lt;0.059</b>	mg/L	0.25	0.059	1		11/02/22 12:08		

## REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-10-32**      **Lab ID: 40253696005**      Collected: 10/25/22 14:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	42	ug/L	5.0	2.0	1		10/31/22 14:53	74-82-8	
Ethane	1.0	ug/L	1.0	0.17	1		10/31/22 14:53	74-84-0	
Ethene	0.44J	ug/L	1.0	0.24	1		10/31/22 14:53	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	79900	ug/L	18000	2540	20		11/03/22 15:19	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	1820	ug/L	100	56.7	1	10/31/22 07:20	11/01/22 02:41	7439-89-6	
Manganese	520	ug/L	5.0	1.5	1	10/27/22 05:45	10/27/22 14:40	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	1700	ug/L	100	29.6	1		10/31/22 21:59	7439-89-6	
Manganese, Dissolved	489	ug/L	5.0	1.1	1		10/31/22 21:59	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 20:07	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:07	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 20:07	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 20:07	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:07	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 20:07	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:07	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:07	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 20:07	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 20:07	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 20:07	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 20:07	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 20:07	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:07	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 20:07	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 20:07	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:07	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:07	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:07	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 20:07	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 20:07	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:07	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:07	106-43-4	
Benzene	156	ug/L	1.0	0.30	1		11/01/22 20:07	71-43-2	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-10-32**      **Lab ID: 40253696005**      Collected: 10/25/22 14:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:07	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 20:07	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:07	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 20:07	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 20:07	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 20:07	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:07	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 20:07	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 20:07	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:07	74-87-3	
Cyclohexane	38.5	ug/L	5.0	1.3	1		11/01/22 20:07	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 20:07	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 20:07	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 20:07	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:07	108-20-3	
Ethylbenzene	0.33J	ug/L	1.0	0.33	1		11/01/22 20:07	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 20:07	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 20:07	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:07	1634-04-4	
Methylcyclohexane	19.9	ug/L	5.0	1.2	1		11/01/22 20:07	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 20:07	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 20:07	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:07	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:07	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 20:07	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 20:07	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:07	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 20:07	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 20:07	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:07	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 20:07	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:07	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:07	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 20:07	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:07	103-65-1	
o-Xylene	0.53J	ug/L	1.0	0.35	1		11/01/22 20:07	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:07	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 20:07	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 20:07	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 20:07	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 20:07	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	106	%	70-130		1		11/01/22 20:07	2037-26-5	
4-Bromofluorobenzene (S)	112	%	70-130		1		11/01/22 20:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		11/01/22 20:07	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

---

**Sample: MW-10-32**      **Lab ID: 40253696005**      Collected: 10/25/22 14:55      Received: 10/26/22 07:45      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	<b>7.4</b>	mg/L	2.0	0.44	1		11/03/22 02:21	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>460</b>	mg/L	25.0	7.4	1		10/28/22 13:47		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>&lt;0.059</b>	mg/L	0.25	0.059	1		11/02/22 12:09		

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-07-60**      **Lab ID: 40253696006**      Collected: 10/25/22 11:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 17:26	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 17:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 17:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 17:26	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 17:26	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 17:26	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 17:26	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 17:26	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 17:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 17:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 17:26	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 17:26	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 17:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 17:26	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:26	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:26	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:26	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 17:26	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 17:26	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 17:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 17:26	106-43-4	
Benzene	0.80J	ug/L	1.0	0.30	1		11/01/22 17:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 17:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 17:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 17:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 17:26	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 17:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 17:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 17:26	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 17:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 17:26	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 17:26	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 17:26	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 17:26	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 17:26	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 17:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 17:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 17:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 17:26	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 17:26	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 17:26	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 17:26	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-07-60**      **Lab ID: 40253696006**      Collected: 10/25/22 11:55      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 17:26	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:26	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 17:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 17:26	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 17:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 17:26	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 17:26	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 17:26	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:26	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 17:26	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 17:26	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 17:26	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 17:26	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:26	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:26	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 17:26	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 17:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 17:26	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 17:26	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 17:26	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	96	%	70-130		1		11/01/22 17:26	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		11/01/22 17:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 17:26	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-07-32**      **Lab ID: 40253696007**      Collected: 10/25/22 12:50      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 17:45	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 17:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 17:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 17:45	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 17:45	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 17:45	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 17:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 17:45	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 17:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 17:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 17:45	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 17:45	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 17:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 17:45	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:45	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:45	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 17:45	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 17:45	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 17:45	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 17:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 17:45	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 17:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 17:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 17:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 17:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 17:45	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 17:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 17:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 17:45	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 17:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 17:45	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 17:45	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 17:45	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 17:45	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 17:45	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 17:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 17:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 17:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 17:45	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 17:45	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 17:45	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 17:45	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-07-32**      **Lab ID: 40253696007**      Collected: 10/25/22 12:50      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 17:45	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 17:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 17:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 17:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 17:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 17:45	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 17:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 17:45	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 17:45	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 17:45	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 17:45	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 17:45	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:45	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 17:45	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 17:45	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 17:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 17:45	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 17:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 17:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	70-130		1		11/01/22 17:45	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/01/22 17:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 17:45	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-01-63**      **Lab ID: 40253696008**      Collected: 10/25/22 14:30      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 18:05	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 18:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 18:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 18:05	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 18:05	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 18:05	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 18:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 18:05	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 18:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 18:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 18:05	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 18:05	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 18:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 18:05	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:05	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:05	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:05	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 18:05	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 18:05	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 18:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 18:05	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 18:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 18:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 18:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 18:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 18:05	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 18:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 18:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 18:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 18:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 18:05	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 18:05	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 18:05	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 18:05	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 18:05	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 18:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 18:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 18:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 18:05	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 18:05	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 18:05	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 18:05	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-01-63**      **Lab ID: 40253696008**      Collected: 10/25/22 14:30      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 18:05	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 18:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 18:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 18:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 18:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 18:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 18:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:05	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 18:05	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 18:05	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 18:05	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 18:05	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:05	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:05	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 18:05	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 18:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 18:05	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 18:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 18:05	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		11/01/22 18:05	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		11/01/22 18:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/01/22 18:05	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-09-60**      **Lab ID: 40253696009**      Collected: 10/25/22 10:35      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 18:25	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 18:25	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 18:25	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:25	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 18:25	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 18:25	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 18:25	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 18:25	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 18:25	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 18:25	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 18:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 18:25	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 18:25	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 18:25	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 18:25	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:25	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:25	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:25	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 18:25	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 18:25	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 18:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 18:25	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 18:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 18:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 18:25	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 18:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 18:25	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 18:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 18:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 18:25	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 18:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 18:25	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 18:25	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 18:25	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 18:25	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 18:25	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 18:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 18:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 18:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 18:25	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 18:25	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 18:25	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 18:25	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-09-60**      **Lab ID: 40253696009**      Collected: 10/25/22 10:35      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 18:25	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:25	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 18:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 18:25	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 18:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 18:25	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 18:25	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 18:25	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:25	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 18:25	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 18:25	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 18:25	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 18:25	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:25	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:25	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 18:25	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 18:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 18:25	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 18:25	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 18:25	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		11/01/22 18:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/01/22 18:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 18:25	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-109-60**      **Lab ID: 40253696010**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 21:43	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 21:43	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 21:43	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 21:43	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 21:43	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 21:43	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 21:43	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 21:43	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 21:43	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 21:43	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 21:43	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 21:43	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 21:43	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 21:43	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 21:43	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 21:43	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:43	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 21:43	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 21:43	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 21:43	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 21:43	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 21:43	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 21:43	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 21:43	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:43	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 21:43	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 21:43	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 21:43	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 21:43	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 21:43	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 21:43	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 21:43	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 21:43	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 21:43	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 21:43	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 21:43	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 21:43	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 21:43	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 21:43	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 21:43	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 21:43	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 21:43	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 21:43	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 21:43	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 21:43	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-109-60**      **Lab ID: 40253696010**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 21:43	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:43	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 21:43	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 21:43	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 21:43	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 21:43	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 21:43	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 21:43	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:43	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 21:43	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 21:43	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 21:43	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 21:43	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 21:43	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 21:43	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 21:43	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 21:43	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 21:43	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 21:43	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 21:43	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		11/01/22 21:43	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		11/01/22 21:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		11/01/22 21:43	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: TB102522B**      **Lab ID: 40253696011**      Collected: 10/25/22 00:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 14:12	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:12	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 14:12	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 14:12	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:12	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 14:12	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:12	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:12	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 14:12	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 14:12	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 14:12	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 14:12	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 14:12	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:12	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 14:12	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 14:12	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:12	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:12	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:12	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 14:12	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 14:12	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:12	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:12	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 14:12	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:12	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 14:12	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:12	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 14:12	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:12	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 14:12	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:12	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 14:12	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 14:12	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:12	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 14:12	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 14:12	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 14:12	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 14:12	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:12	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:12	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 14:12	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 14:12	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:12	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:12	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 14:12	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: TB102522B**      **Lab ID: 40253696011**      Collected: 10/25/22 00:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 14:12	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:12	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 14:12	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 14:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:12	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 14:12	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 14:12	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:12	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 14:12	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:12	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:12	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 14:12	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:12	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:12	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:12	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 14:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 14:12	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 14:12	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 14:12	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	97	%	70-130		1		11/01/22 14:12	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130		1		11/01/22 14:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/01/22 14:12	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

Sample: MW-06-100 Lab ID: 40253696012 Collected: 10/25/22 15:10 Received: 10/26/22 07:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 14:52	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 14:52	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 14:52	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:52	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 14:52	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:52	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:52	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 14:52	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 14:52	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 14:52	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 14:52	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 14:52	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:52	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 14:52	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 14:52	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:52	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:52	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:52	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 14:52	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 14:52	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:52	106-43-4	
Benzene	0.98J	ug/L	1.0	0.30	1		11/01/22 14:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 14:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:52	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 14:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:52	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 14:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 14:52	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 14:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:52	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 14:52	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 14:52	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 14:52	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 14:52	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 14:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 14:52	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:52	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:52	108-87-2	
Methylene Chloride	0.33J	ug/L	5.0	0.32	1		11/01/22 14:52	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-06-100**      **Lab ID: 40253696012**      Collected: 10/25/22 15:10      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 14:52	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:52	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 14:52	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 14:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:52	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 14:52	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 14:52	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:52	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 14:52	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:52	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:52	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 14:52	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:52	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:52	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:52	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 14:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 14:52	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 14:52	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 14:52	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	97	%	70-130		1		11/01/22 14:52	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/01/22 14:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		11/01/22 14:52	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-09-33**      **Lab ID: 40253696013**      Collected: 10/25/22 09:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 18:45	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 18:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 18:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 18:45	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 18:45	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 18:45	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 18:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 18:45	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 18:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 18:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 18:45	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 18:45	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 18:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 18:45	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:45	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:45	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 18:45	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 18:45	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 18:45	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 18:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 18:45	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 18:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 18:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 18:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 18:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 18:45	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 18:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 18:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 18:45	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 18:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 18:45	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 18:45	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 18:45	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 18:45	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 18:45	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 18:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 18:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 18:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 18:45	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 18:45	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 18:45	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 18:45	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-09-33**      **Lab ID: 40253696013**      Collected: 10/25/22 09:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 18:45	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 18:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 18:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 18:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 18:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 18:45	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 18:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 18:45	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 18:45	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 18:45	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 18:45	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 18:45	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:45	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 18:45	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 18:45	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 18:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 18:45	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 18:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 18:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		11/01/22 18:45	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/01/22 18:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/01/22 18:45	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-02-55**      **Lab ID: 40253696014**      Collected: 10/25/22 09:10      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 19:05	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 19:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 19:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 19:05	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:05	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:05	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 19:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 19:05	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 19:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 19:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 19:05	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:05	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 19:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 19:05	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:05	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:05	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:05	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 19:05	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 19:05	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:05	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 19:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 19:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 19:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:05	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 19:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 19:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 19:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:05	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 19:05	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 19:05	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 19:05	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 19:05	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 19:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 19:05	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:05	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:05	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 19:05	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-02-55**      **Lab ID: 40253696014**      Collected: 10/25/22 09:10      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 19:05	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 19:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 19:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 19:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 19:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:05	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 19:05	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:05	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:05	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 19:05	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:05	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:05	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:05	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 19:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 19:05	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 19:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 19:05	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	70-130		1		11/01/22 19:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		11/01/22 19:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 19:05	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-06-60**      **Lab ID: 40253696015**      Collected: 10/25/22 13:45      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 19:25	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 19:25	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 19:25	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:25	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 19:25	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:25	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:25	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 19:25	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 19:25	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 19:25	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 19:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 19:25	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:25	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 19:25	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 19:25	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:25	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:25	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:25	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 19:25	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 19:25	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:25	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 19:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 19:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:25	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 19:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:25	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 19:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 19:25	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 19:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:25	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 19:25	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 19:25	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 19:25	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 19:25	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 19:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 19:25	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:25	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:25	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 19:25	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-06-60**      **Lab ID: 40253696015**      Collected: 10/25/22 13:45      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 19:25	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:25	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 19:25	108-88-3	
Trichloroethene	17.4	ug/L	1.0	0.32	1		11/01/22 19:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:25	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 19:25	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 19:25	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:25	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 19:25	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:25	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:25	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 19:25	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:25	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:25	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:25	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 19:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 19:25	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 19:25	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 19:25	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	70-130		1		11/01/22 19:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		11/01/22 19:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 19:25	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-06-32**      **Lab ID: 40253696016**      Collected: 10/25/22 12:15      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>Biodegradation Indicator Gases</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	<2.0	ug/L	5.0	2.0	1		10/31/22 15:05	74-82-8	
Ethane	0.41J	ug/L	1.0	0.17	1		10/31/22 15:05	74-84-0	
Ethene	0.38J	ug/L	1.0	0.24	1		10/31/22 15:05	74-85-1	
<b>EPA RSK-175</b>									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	91200	ug/L	18000	2540	20		11/03/22 15:25	124-38-9	
<b>6010D MET ICP</b>									
Analytical Method: EPA 6010D      Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<56.7	ug/L	100	56.7	1	10/31/22 07:20	11/01/22 02:43	7439-89-6	
Manganese	28.8	ug/L	5.0	1.5	1	10/27/22 05:45	10/27/22 18:19	7439-96-5	
<b>6010D MET ICP, Dissolved</b>									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		10/31/22 22:02	7439-89-6	
Manganese, Dissolved	23.6	ug/L	5.0	1.1	1		10/31/22 22:02	7439-96-5	
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 19:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 19:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 19:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 19:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 19:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 19:44	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 19:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 19:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 19:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 19:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 19:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 19:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 19:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 19:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 19:44	106-43-4	
Benzene	0.52J	ug/L	1.0	0.30	1		11/01/22 19:44	71-43-2	

## REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-06-32**      **Lab ID: 40253696016**      Collected: 10/25/22 12:15      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 19:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 19:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 19:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 19:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 19:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:44	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 19:44	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 19:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 19:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 19:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 19:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 19:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 19:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 19:44	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 19:44	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 19:44	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 19:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 19:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 19:44	108-88-3	
Trichloroethene	4.0	ug/L	1.0	0.32	1		11/01/22 19:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 19:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 19:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 19:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 19:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 19:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 19:44	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 19:44	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 19:44	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:44	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 19:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 19:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 19:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 19:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 19:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 19:44	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		11/01/22 19:44	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		11/01/22 19:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/01/22 19:44	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

---

**Sample: MW-06-32**      **Lab ID: 40253696016**      Collected: 10/25/22 12:15      Received: 10/26/22 07:45      Matrix: Water

---

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>300.0 IC Anions</b>									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<b>21.2</b>	mg/L	2.0	0.44	1		11/03/22 02:36	14808-79-8	
<b>310.2 Alkalinity</b>									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO <sub>3</sub>	<b>560</b>	mg/L	50.0	14.9	2		10/28/22 13:48		
<b>353.2 Nitrogen, NO<sub>2</sub>/NO<sub>3</sub> pres.</b>									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO <sub>2</sub> plus NO <sub>3</sub>	<b>1.2</b>	mg/L	0.25	0.059	1		11/02/22 12:09		

## REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-105-60**      **Lab ID: 40253696017**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 22:03	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 22:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 22:03	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 22:03	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 22:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 22:03	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 22:03	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 22:03	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 22:03	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 22:03	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 22:03	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 22:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 22:03	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 22:03	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 22:03	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 22:03	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 22:03	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 22:03	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 22:03	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 22:03	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 22:03	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 22:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 22:03	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 22:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 22:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 22:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 22:03	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 22:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 22:03	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 22:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 22:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 22:03	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 22:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 22:03	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 22:03	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 22:03	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 22:03	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 22:03	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 22:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 22:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 22:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 22:03	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 22:03	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 22:03	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 22:03	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-105-60**      **Lab ID: 40253696017**      Collected: 10/25/22 08:00      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 22:03	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 22:03	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 22:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 22:03	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 22:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 22:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 22:03	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 22:03	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 22:03	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 22:03	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 22:03	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 22:03	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 22:03	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 22:03	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 22:03	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 22:03	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 22:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 22:03	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 22:03	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 22:03	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		11/01/22 22:03	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/01/22 22:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		11/01/22 22:03	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-05-30**      **Lab ID: 40253696018**      Collected: 10/25/22 11:10      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 20:04	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 20:04	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 20:04	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:04	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 20:04	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:04	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:04	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 20:04	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 20:04	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 20:04	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 20:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 20:04	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:04	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 20:04	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 20:04	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:04	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:04	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:04	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 20:04	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 20:04	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:04	106-43-4	
Benzene	1.1	ug/L	1.0	0.30	1		11/01/22 20:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:04	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 20:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:04	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 20:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 20:04	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 20:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 20:04	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 20:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:04	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 20:04	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 20:04	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 20:04	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 20:04	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 20:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 20:04	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:04	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 20:04	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 20:04	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-05-30**      **Lab ID: 40253696018**      Collected: 10/25/22 11:10      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 20:04	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:04	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 20:04	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 20:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:04	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 20:04	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 20:04	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:04	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 20:04	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:04	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:04	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 20:04	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:04	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:04	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:04	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 20:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 20:04	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 20:04	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 20:04	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	94	%	70-130		1		11/01/22 20:04	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/01/22 20:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/01/22 20:04	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

**Sample: MW-05-60**      **Lab ID: 40253696019**      Collected: 10/25/22 10:30      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 20:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 20:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 20:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 20:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 20:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 20:24	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 20:24	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 20:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 20:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 20:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 20:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 20:24	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 20:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 20:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 20:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 20:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 20:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 20:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 20:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 20:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:24	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 20:24	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 20:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 20:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 20:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 20:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 20:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:24	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 20:24	108-87-2	
Methylene Chloride	0.32J	ug/L	5.0	0.32	1		11/01/22 20:24	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

**Sample: MW-05-60**      **Lab ID: 40253696019**      Collected: 10/25/22 10:30      Received: 10/26/22 07:45      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 20:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 20:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 20:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 20:24	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 20:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:24	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 20:24	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:24	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:24	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 20:24	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:24	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:24	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 20:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 20:24	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 20:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 20:24	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		11/01/22 20:24	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/01/22 20:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 20:24	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

QC Batch: 753019	Analysis Method: RSK-175
QC Batch Method: RSK-175	Analysis Description: Biodegradation Indicator Gases
	Laboratory: Pace Analytical Gulf Coast

Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2415073

Matrix: Water

Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<2.0	5.0	10/31/22 13:09	
Ethane	ug/L	<0.17	1.0	10/31/22 13:09	
Ethene	ug/L	<0.24	1.0	10/31/22 13:09	

LABORATORY CONTROL SAMPLE & LCSD: 2415074

2415075

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	380	340	390	90	101	70-130	12	30	
Ethane	ug/L	97	80	92	83	94	70-130	14	30	
Ethene	ug/L	120	98	110	82	92	70-130	11	30	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 753244 Analysis Method: RSK-175  
QC Batch Method: RSK-175 Analysis Description: EPA RSK 175 CO2  
Laboratory: Pace Analytical Gulf Coast  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2416337 Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<127	900	11/03/22 14:22	

Parameter	Units	LABORATORY CONTROL SAMPLE & LCSD: 2416338					2416340				Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD		
Carbon dioxide	ug/L	8700	7330	5270	84	61	38-147	33	40		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 429951 Analysis Method: EPA 6010D  
QC Batch Method: EPA 6010D Analysis Description: ICP Metals, Trace, Dissolved  
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253696005, 40253696016

METHOD BLANK: 2476186 Matrix: Water

Associated Lab Samples: 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	10/31/22 21:11	
Manganese, Dissolved	ug/L	<1.1	5.0	10/31/22 21:11	

LABORATORY CONTROL SAMPLE: 2476187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	9890	99	80-120	
Manganese, Dissolved	ug/L	250	273	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476188 2476189

Parameter	Units	40253711004 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	1.1 mg/L	10000	10000	10800	11100	98	101	75-125	3	20	
Manganese, Dissolved	ug/L	36.6	250	250	302	302	106	106	75-125	0	20	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 429957 Analysis Method: EPA 6010D  
QC Batch Method: EPA 6010D Analysis Description: ICP Metals, Trace, Dissolved  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253696002, 40253696003, 40253696004

METHOD BLANK: 2476273 Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	11/01/22 14:34	
Manganese, Dissolved	ug/L	<1.1	5.0	11/01/22 14:34	

LABORATORY CONTROL SAMPLE: 2476274

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10100	101	80-120	
Manganese, Dissolved	ug/L	250	268	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476275 2476276

Parameter	Units	40253611001 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	9940	10000	99	100	75-125	1	20	
Manganese, Dissolved	ug/L	2.3J	250	250	266	267	105	106	75-125	0	20	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 429843	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010D MET
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2475683 Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Manganese	ug/L	2.4J	5.0	10/27/22 14:13	

LABORATORY CONTROL SAMPLE: 2475684

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	250	280	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2475685 2475686

Parameter	Units	2475685		2475686		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Manganese	ug/L	5340	250	250	5420	5500	36	68	75-125	1	20 P6

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 430098 Analysis Method: EPA 6010D  
QC Batch Method: EPA 3010A Analysis Description: 6010D MET  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2477210 Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	11/01/22 02:13	

LABORATORY CONTROL SAMPLE: 2477211

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9410	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477212 2477213

Parameter	Units	2477212		2477213		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253696002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	ug/L	7550	10000	10000	17400	17400	99	99	75-125	0	20

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 429787 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253696001, 40253696002, 40253696003, 40253696004, 40253696005

METHOD BLANK: 2475299 Matrix: Water  
Associated Lab Samples: 40253696001, 40253696002, 40253696003, 40253696004, 40253696005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/01/22 08:13	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/01/22 08:13	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/01/22 08:13	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/01/22 08:13	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/01/22 08:13	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/01/22 08:13	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/01/22 08:13	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/01/22 08:13	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/01/22 08:13	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/01/22 08:13	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/01/22 08:13	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/01/22 08:13	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/01/22 08:13	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/01/22 08:13	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/01/22 08:13	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/01/22 08:13	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/01/22 08:13	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/01/22 08:13	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/01/22 08:13	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/01/22 08:13	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/01/22 08:13	
2-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 08:13	
4-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 08:13	
Benzene	ug/L	<0.30	1.0	11/01/22 08:13	
Bromobenzene	ug/L	<0.36	1.0	11/01/22 08:13	
Bromochloromethane	ug/L	<0.36	5.0	11/01/22 08:13	
Bromodichloromethane	ug/L	<0.42	1.0	11/01/22 08:13	
Bromoform	ug/L	<3.8	5.0	11/01/22 08:13	
Bromomethane	ug/L	<1.2	5.0	11/01/22 08:13	
Carbon tetrachloride	ug/L	<0.37	1.0	11/01/22 08:13	
Chlorobenzene	ug/L	<0.86	1.0	11/01/22 08:13	
Chloroethane	ug/L	<1.4	5.0	11/01/22 08:13	
Chloroform	ug/L	<1.2	5.0	11/01/22 08:13	
Chloromethane	ug/L	<1.6	5.0	11/01/22 08:13	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/01/22 08:13	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/01/22 08:13	
Cyclohexane	ug/L	<1.3	5.0	11/01/22 08:13	
Dibromochloromethane	ug/L	<2.6	5.0	11/01/22 08:13	
Dibromomethane	ug/L	<0.99	5.0	11/01/22 08:13	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/01/22 08:13	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

METHOD BLANK: 2475299 Matrix: Water  
Associated Lab Samples: 40253696001, 40253696002, 40253696003, 40253696004, 40253696005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	11/01/22 08:13	
Ethylbenzene	ug/L	<0.33	1.0	11/01/22 08:13	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/01/22 08:13	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/01/22 08:13	
m&p-Xylene	ug/L	<0.70	2.0	11/01/22 08:13	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/01/22 08:13	
Methylcyclohexane	ug/L	<1.2	5.0	11/01/22 08:13	
Methylene Chloride	ug/L	<0.32	5.0	11/01/22 08:13	
n-Butylbenzene	ug/L	<0.86	1.0	11/01/22 08:13	
n-Heptane	ug/L	<1.6	5.0	11/01/22 08:13	
n-Hexane	ug/L	<1.5	5.0	11/01/22 08:13	
n-Propylbenzene	ug/L	<0.35	1.0	11/01/22 08:13	
Naphthalene	ug/L	<1.1	5.0	11/01/22 08:13	
o-Xylene	ug/L	<0.35	1.0	11/01/22 08:13	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/01/22 08:13	
sec-Butylbenzene	ug/L	<0.42	1.0	11/01/22 08:13	
Styrene	ug/L	<0.36	1.0	11/01/22 08:13	
tert-Butylbenzene	ug/L	<0.59	1.0	11/01/22 08:13	
Tetrachloroethene	ug/L	<0.41	1.0	11/01/22 08:13	
Toluene	ug/L	<0.29	1.0	11/01/22 08:13	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/01/22 08:13	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/01/22 08:13	
Trichloroethene	ug/L	<0.32	1.0	11/01/22 08:13	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/01/22 08:13	
Vinyl chloride	ug/L	<0.17	1.0	11/01/22 08:13	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	11/01/22 08:13	
4-Bromofluorobenzene (S)	%	109	70-130	11/01/22 08:13	
Toluene-d8 (S)	%	105	70-130	11/01/22 08:13	

LABORATORY CONTROL SAMPLE: 2475300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	48.9	98	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	60.5	121	69-130	
1,1,2-Trichloroethane	ug/L	50	58.2	116	70-130	
1,1-Dichloroethane	ug/L	50	55.8	112	70-130	
1,1-Dichloroethene	ug/L	50	61.2	122	74-131	
1,2,4-Trichlorobenzene	ug/L	50	44.8	90	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,2-Dichloroethane	ug/L	50	53.4	107	70-137	
1,2-Dichloropropane	ug/L	50	57.0	114	80-121	
1,3-Dichlorobenzene	ug/L	50	51.4	103	70-130	

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

### REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

LABORATORY CONTROL SAMPLE: 2475300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
Benzene	ug/L	50	54.8	110	70-130	
Bromodichloromethane	ug/L	50	51.3	103	70-130	
Bromoform	ug/L	50	43.9	88	70-130	
Bromomethane	ug/L	50	45.1	90	21-147	
Carbon tetrachloride	ug/L	50	48.1	96	80-146	
Chlorobenzene	ug/L	50	53.6	107	70-130	
Chloroethane	ug/L	50	57.1	114	52-165	
Chloroform	ug/L	50	52.8	106	80-123	
Chloromethane	ug/L	50	41.2	82	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.8	102	70-130	
Cyclohexane	ug/L	50	53.8	108	50-150	
Dibromochloromethane	ug/L	50	48.0	96	70-130	
Dichlorodifluoromethane	ug/L	50	18.8	38	25-121	
Ethylbenzene	ug/L	50	56.9	114	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	43.2	86	70-130	
Methylcyclohexane	ug/L	50	50.6	101	50-150	
Methylene Chloride	ug/L	50	53.5	107	70-130	
o-Xylene	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	53.8	108	70-130	
Tetrachloroethene	ug/L	50	47.4	95	70-130	
Toluene	ug/L	50	55.1	110	80-120	
trans-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.7	103	70-130	
Trichloroethene	ug/L	50	52.3	105	70-130	
Trichlorofluoromethane	ug/L	50	54.7	109	65-160	
Vinyl chloride	ug/L	50	47.9	96	63-134	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			110	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477865 2477866

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253681001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.5	49.0	101	98	70-134	3	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	61.8	58.7	124	117	61-135	5	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	58.0	55.6	116	111	70-130	4	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	57.1	55.2	114	110	70-130	3	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	63.3	60.9	127	122	71-130	4	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	46.0	45.4	92	91	68-131	1	20		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477865												2477866											
Parameter	Units	40253681001		MS		MSD		MS		MSD		% Rec		Max		Qual							
		Result	Conc.	Spike	Conc.	Result	Conc.	Result	Conc.	% Rec	% Rec	Limits	RPD	RPD									
1,2-Dibromo-3-chloropropane	ug/L					48.7		47.8						2	20								
1,2-Dibromoethane (EDB)	ug/L					52.2		50.4						4	20								
1,2-Dichlorobenzene	ug/L	<0.33	50	50	53.4	51.8	107	104	70-130				3	20									
1,2-Dichloroethane	ug/L	<0.29	50	50	54.0	52.5	108	105	70-137				3	20									
1,2-Dichloropropane	ug/L	<0.45	50	50	58.7	57.3	117	115	80-121				2	20									
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.2	50.8	104	102	70-130				3	20									
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.7	49.5	101	99	70-130				2	20									
Benzene	ug/L	<0.30	50	50	56.3	54.3	113	109	70-130				4	20									
Bromodichloromethane	ug/L	<0.42	50	50	53.6	51.6	107	103	70-130				4	20									
Bromoform	ug/L	<3.8	50	50	44.4	42.9	89	86	70-133				3	20									
Bromomethane	ug/L	<1.2	50	50	48.2	48.1	96	96	21-149				0	22									
Carbon tetrachloride	ug/L	<0.37	50	50	50.5	49.0	101	98	80-146				3	20									
Chlorobenzene	ug/L	<0.86	50	50	54.1	52.4	108	105	70-130				3	20									
Chloroethane	ug/L	<1.4	50	50	56.9	58.4	114	117	52-165				3	20									
Chloroform	ug/L	<1.2	50	50	54.5	52.5	109	105	80-123				4	20									
Chloromethane	ug/L	<1.6	50	50	42.2	39.4	84	79	42-125				7	20									
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.5	48.7	103	97	70-130				6	20									
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	52.5	50.2	105	100	70-130				4	20									
Cyclohexane	ug/L				54.7	53.2							3	20									
Dibromochloromethane	ug/L	<2.6	50	50	48.9	47.5	98	95	70-130				3	20									
Dichlorodifluoromethane	ug/L	<0.46	50	50	18.3	17.2	37	34	25-121				6	20									
Ethylbenzene	ug/L	<0.33	50	50	58.1	55.6	116	111	80-121				4	20									
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	55.6	54.1	111	108	70-130				3	20									
m&p-Xylene	ug/L	<0.70	100	100	112	108	112	108	70-130				4	20									
Methyl-tert-butyl ether	ug/L				45.0	42.3							6	20									
Methylcyclohexane	ug/L				51.6	49.3							4	20									
Methylene Chloride	ug/L	<0.32	50	50	54.4	53.3	109	107	70-130				2	20									
o-Xylene	ug/L	<0.35	50	50	54.8	52.4	110	105	70-130				4	20									
Styrene	ug/L	<0.36	50	50	54.3	52.2	109	104	70-132				4	20									
Tetrachloroethene	ug/L	<0.41	50	50	48.6	46.6	97	93	70-130				4	20									
Toluene	ug/L	<0.29	50	50	56.4	54.4	113	109	80-120				3	20									
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.1	51.2	104	102	70-130				2	20									
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	53.3	51.7	107	103	70-130				3	20									
Trichloroethene	ug/L	<0.32	50	50	53.8	51.7	108	103	70-130				4	20									
Trichlorofluoromethane	ug/L	<0.42	50	50	54.7	53.5	109	107	65-160				2	20									
Vinyl chloride	ug/L	<0.17	50	50	49.1	47.7	98	95	60-137				3	20									
1,2-Dichlorobenzene-d4 (S)	%							102	100	70-130													
4-Bromofluorobenzene (S)	%							109	109	70-130													
Toluene-d8 (S)	%							106	105	70-130													

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 430078 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253696006, 40253696007, 40253696008, 40253696009, 40253696010, 40253696011, 40253696012, 40253696013, 40253696014, 40253696015, 40253696016, 40253696017, 40253696018, 40253696019

METHOD BLANK: 2477131 Matrix: Water  
Associated Lab Samples: 40253696006, 40253696007, 40253696008, 40253696009, 40253696010, 40253696011, 40253696012, 40253696013, 40253696014, 40253696015, 40253696016, 40253696017, 40253696018, 40253696019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/01/22 11:35	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/01/22 11:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/01/22 11:35	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/01/22 11:35	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/01/22 11:35	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/01/22 11:35	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/01/22 11:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/01/22 11:35	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/01/22 11:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/01/22 11:35	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/01/22 11:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/01/22 11:35	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/01/22 11:35	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/01/22 11:35	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/01/22 11:35	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/01/22 11:35	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/01/22 11:35	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/01/22 11:35	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/01/22 11:35	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/01/22 11:35	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/01/22 11:35	
2-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 11:35	
4-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 11:35	
Benzene	ug/L	<0.30	1.0	11/01/22 11:35	
Bromobenzene	ug/L	<0.36	1.0	11/01/22 11:35	
Bromochloromethane	ug/L	<0.36	5.0	11/01/22 11:35	
Bromodichloromethane	ug/L	<0.42	1.0	11/01/22 11:35	
Bromoform	ug/L	<3.8	5.0	11/01/22 11:35	
Bromomethane	ug/L	<1.2	5.0	11/01/22 11:35	
Carbon tetrachloride	ug/L	<0.37	1.0	11/01/22 11:35	
Chlorobenzene	ug/L	<0.86	1.0	11/01/22 11:35	
Chloroethane	ug/L	<1.4	5.0	11/01/22 11:35	
Chloroform	ug/L	<1.2	5.0	11/01/22 11:35	
Chloromethane	ug/L	<1.6	5.0	11/01/22 11:35	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/01/22 11:35	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/01/22 11:35	
Cyclohexane	ug/L	<1.3	5.0	11/01/22 11:35	
Dibromochloromethane	ug/L	<2.6	5.0	11/01/22 11:35	
Dibromomethane	ug/L	<0.99	5.0	11/01/22 11:35	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

METHOD BLANK: 2477131

Matrix: Water

Associated Lab Samples: 40253696006, 40253696007, 40253696008, 40253696009, 40253696010, 40253696011, 40253696012, 40253696013, 40253696014, 40253696015, 40253696016, 40253696017, 40253696018, 40253696019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/01/22 11:35	
Diisopropyl ether	ug/L	<1.1	5.0	11/01/22 11:35	
Ethylbenzene	ug/L	<0.33	1.0	11/01/22 11:35	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/01/22 11:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/01/22 11:35	
m&p-Xylene	ug/L	<0.70	2.0	11/01/22 11:35	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/01/22 11:35	
Methylcyclohexane	ug/L	<1.2	5.0	11/01/22 11:35	
Methylene Chloride	ug/L	<0.32	5.0	11/01/22 11:35	
n-Butylbenzene	ug/L	<0.86	1.0	11/01/22 11:35	
n-Heptane	ug/L	<1.6	5.0	11/01/22 11:35	
n-Hexane	ug/L	<1.5	5.0	11/01/22 11:35	
n-Propylbenzene	ug/L	<0.35	1.0	11/01/22 11:35	
Naphthalene	ug/L	<1.1	5.0	11/01/22 11:35	
o-Xylene	ug/L	<0.35	1.0	11/01/22 11:35	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/01/22 11:35	
sec-Butylbenzene	ug/L	<0.42	1.0	11/01/22 11:35	
Styrene	ug/L	<0.36	1.0	11/01/22 11:35	
tert-Butylbenzene	ug/L	<0.59	1.0	11/01/22 11:35	
Tetrachloroethene	ug/L	<0.41	1.0	11/01/22 11:35	
Toluene	ug/L	<0.29	1.0	11/01/22 11:35	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/01/22 11:35	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/01/22 11:35	
Trichloroethene	ug/L	<0.32	1.0	11/01/22 11:35	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/01/22 11:35	
Vinyl chloride	ug/L	<0.17	1.0	11/01/22 11:35	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	11/01/22 11:35	
4-Bromofluorobenzene (S)	%	105	70-130	11/01/22 11:35	
Toluene-d8 (S)	%	99	70-130	11/01/22 11:35	

LABORATORY CONTROL SAMPLE: 2477132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.4	99	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	51.2	102	69-130	
1,1,2-Trichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethene	ug/L	50	47.3	95	74-131	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.8	90	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	47.6	95	70-137	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

LABORATORY CONTROL SAMPLE: 2477132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	50.2	100	80-121	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
Benzene	ug/L	50	49.4	99	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	44.2	88	70-130	
Bromomethane	ug/L	50	28.8	58	21-147	
Carbon tetrachloride	ug/L	50	47.0	94	80-146	
Chlorobenzene	ug/L	50	48.3	97	70-130	
Chloroethane	ug/L	50	41.6	83	52-165	
Chloroform	ug/L	50	46.3	93	80-123	
Chloromethane	ug/L	50	31.0	62	51-122	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Cyclohexane	ug/L	50	49.0	98	50-150	
Dibromochloromethane	ug/L	50	46.1	92	70-130	
Dichlorodifluoromethane	ug/L	50	15.6	31	25-121	
Ethylbenzene	ug/L	50	51.7	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.2	104	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	45.6	91	70-130	
Methylcyclohexane	ug/L	50	49.4	99	50-150	
Methylene Chloride	ug/L	50	48.9	98	70-130	
o-Xylene	ug/L	50	50.1	100	70-130	
Styrene	ug/L	50	45.8	92	70-130	
Tetrachloroethene	ug/L	50	46.3	93	70-130	
Toluene	ug/L	50	48.9	98	80-120	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.2	90	70-130	
Trichloroethene	ug/L	50	49.5	99	70-130	
Trichlorofluoromethane	ug/L	50	45.2	90	65-160	
Vinyl chloride	ug/L	50	33.7	67	63-134	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477911 2477912

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253696012	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	51.8	49.8	104	100	70-134	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	52.2	50.2	104	100	61-135	4	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.0	48.2	102	96	70-130	6	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	51.3	50.2	103	100	70-130	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	50.2	47.4	100	95	71-130	6	20		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477911 2477912												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40253696012 Result	Spike Conc.	Spike Conc.	MS Result							
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.4	49.1	103	98	68-131	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	44.5	48.6	89	97	51-141	9	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.9	48.2	98	96	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	52.2	50.1	104	100	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	50.3	49.3	101	99	70-137	2	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	53.6	50.0	107	100	80-121	7	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.2	49.3	104	99	70-130	6	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.1	49.3	100	99	70-130	2	20	
Benzene	ug/L	0.98J	50	50	51.8	54.9	102	108	70-130	6	20	
Bromodichloromethane	ug/L	<0.42	50	50	52.9	50.0	106	100	70-130	6	20	
Bromoform	ug/L	<3.8	50	50	47.0	43.9	94	88	70-133	7	20	
Bromomethane	ug/L	<1.2	50	50	30.0	31.8	60	64	21-149	6	22	
Carbon tetrachloride	ug/L	<0.37	50	50	49.7	46.7	99	93	80-146	6	20	
Chlorobenzene	ug/L	<0.86	50	50	50.6	49.8	101	100	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	37.5	39.0	75	78	52-165	4	20	
Chloroform	ug/L	<1.2	50	50	48.3	48.6	97	97	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	32.8	31.4	66	63	42-125	4	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.6	48.9	103	98	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	49.3	48.1	99	96	70-130	3	20	
Cyclohexane	ug/L	<1.3	50	50	48.8	49.2	98	98	50-150	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.1	46.3	96	93	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	17.5	16.1	35	32	25-121	8	20	
Ethylbenzene	ug/L	<0.33	50	50	54.3	53.0	109	106	80-121	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.0	52.4	108	105	70-130	3	20	
m&p-Xylene	ug/L	<0.70	100	100	106	102	106	102	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	51.1	50.1	102	100	70-130	2	20	
Methylcyclohexane	ug/L	<1.2	50	50	49.9	49.2	100	98	50-150	1	20	
Methylene Chloride	ug/L	0.33J	50	50	50.8	50.3	101	100	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	52.2	50.3	104	101	70-130	4	20	
Styrene	ug/L	<0.36	50	50	43.4	41.7	87	83	70-132	4	20	
Tetrachloroethene	ug/L	<0.41	50	50	49.3	46.8	99	94	70-130	5	20	
Toluene	ug/L	<0.29	50	50	49.9	52.0	100	104	80-120	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.3	49.2	103	98	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	44.2	43.1	88	86	70-130	2	20	
Trichloroethene	ug/L	<0.32	50	50	51.5	49.5	103	99	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	48.6	44.7	97	89	65-160	8	20	
Vinyl chloride	ug/L	<0.17	50	50	33.9	32.8	68	66	60-137	3	20	
1,2-Dichlorobenzene-d4 (S)	%						103	103	70-130			
4-Bromofluorobenzene (S)	%						108	108	70-130			
Toluene-d8 (S)	%						100	96	70-130			

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 430443      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: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2478863      Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	11/02/22 22:53	

LABORATORY CONTROL SAMPLE: 2478864

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478865      2478866

Parameter	Units	40253975007		2478865		2478866		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.	MS Result	MSD Result					MS % Rec
Sulfate	mg/L	41.6	100	100	100	145	156	103	115	90-110	8	15 M0

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 429923 Analysis Method: EPA 310.2  
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2476045 Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	10/28/22 14:20	

LABORATORY CONTROL SAMPLE: 2476046

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476047 2476048

Parameter	Units	40253727003		40253727003		40253727003		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Alkalinity, Total as CaCO3	mg/L	24.5J	100	100	130	133	105	108	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2476049 2476050

Parameter	Units	40253744021		40253744021		40253744021		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Alkalinity, Total as CaCO3	mg/L	609	500	500	1130	1150	103	107	90-110	2	20	

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

### REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

QC Batch: 430390 Analysis Method: EPA 353.2  
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

METHOD BLANK: 2478581 Matrix: Water  
Associated Lab Samples: 40253696002, 40253696003, 40253696004, 40253696005, 40253696016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	11/02/22 12:03	

LABORATORY CONTROL SAMPLE: 2478582

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.5	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478583 2478584

Parameter	Units	40253823001		2478584		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.						
Nitrogen, NO2 plus NO3	mg/L	20.7	12.5	32.6	33.1	95	99	90-110	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2478585 2478586

Parameter	Units	40253870003		2478586		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.						
Nitrogen, NO2 plus NO3	mg/L	3.7	2.5	6.2	6.1	98	96	90-110	1	20	

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

### REPORT OF LABORATORY ANALYSIS

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

## QUALIFIERS

Project: 31401967.705 FT. ATKINSON

Pace Project No.: 40253696

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

M0 Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

## REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253696002	MW-01-32	RSK-175	753019		
40253696003	MW-14-31	RSK-175	753019		
40253696004	MW-114-31	RSK-175	753019		
40253696005	MW-10-32	RSK-175	753019		
40253696016	MW-06-32	RSK-175	753019		
40253696002	MW-01-32	RSK-175	753244		
40253696003	MW-14-31	RSK-175	753244		
40253696004	MW-114-31	RSK-175	753244		
40253696005	MW-10-32	RSK-175	753244		
40253696016	MW-06-32	RSK-175	753244		
40253696002	MW-01-32	EPA 3010A	429843	EPA 6010D	429939
40253696002	MW-01-32	EPA 3010A	430098	EPA 6010D	430179
40253696003	MW-14-31	EPA 3010A	429843	EPA 6010D	429939
40253696003	MW-14-31	EPA 3010A	430098	EPA 6010D	430179
40253696004	MW-114-31	EPA 3010A	429843	EPA 6010D	429939
40253696004	MW-114-31	EPA 3010A	430098	EPA 6010D	430179
40253696005	MW-10-32	EPA 3010A	429843	EPA 6010D	429939
40253696005	MW-10-32	EPA 3010A	430098	EPA 6010D	430179
40253696016	MW-06-32	EPA 3010A	429843	EPA 6010D	429939
40253696016	MW-06-32	EPA 3010A	430098	EPA 6010D	430179
40253696002	MW-01-32	EPA 6010D	429957		
40253696003	MW-14-31	EPA 6010D	429957		
40253696004	MW-114-31	EPA 6010D	429957		
40253696005	MW-10-32	EPA 6010D	429951		
40253696016	MW-06-32	EPA 6010D	429951		
40253696001	MW-18-31	EPA 8260	429787		
40253696002	MW-01-32	EPA 8260	429787		
40253696003	MW-14-31	EPA 8260	429787		
40253696004	MW-114-31	EPA 8260	429787		
40253696005	MW-10-32	EPA 8260	429787		
40253696006	MW-07-60	EPA 8260	430078		
40253696007	MW-07-32	EPA 8260	430078		
40253696008	MW-01-63	EPA 8260	430078		
40253696009	MW-09-60	EPA 8260	430078		
40253696010	MW-109-60	EPA 8260	430078		
40253696011	TB102522B	EPA 8260	430078		
40253696012	MW-06-100	EPA 8260	430078		
40253696013	MW-09-33	EPA 8260	430078		
40253696014	MW-02-55	EPA 8260	430078		
40253696015	MW-06-60	EPA 8260	430078		
40253696016	MW-06-32	EPA 8260	430078		

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705 FT. ATKINSON  
Pace Project No.: 40253696

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253696017	MW-105-60	EPA 8260	430078		
40253696018	MW-05-30	EPA 8260	430078		
40253696019	MW-05-60	EPA 8260	430078		
40253696002	MW-01-32	EPA 300.0	430443		
40253696003	MW-14-31	EPA 300.0	430443		
40253696004	MW-114-31	EPA 300.0	430443		
40253696005	MW-10-32	EPA 300.0	430443		
40253696016	MW-06-32	EPA 300.0	430443		
40253696002	MW-01-32	EPA 310.2	429923		
40253696003	MW-14-31	EPA 310.2	429923		
40253696004	MW-114-31	EPA 310.2	429923		
40253696005	MW-10-32	EPA 310.2	429923		
40253696016	MW-06-32	EPA 310.2	429923		
40253696002	MW-01-32	EPA 353.2	430390		
40253696003	MW-14-31	EPA 353.2	430390		
40253696004	MW-114-31	EPA 353.2	430390		
40253696005	MW-10-32	EPA 353.2	430390		
40253696016	MW-06-32	EPA 353.2	430390		

### REPORT OF LABORATORY ANALYSIS

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

**CHAIN-OF-CUSTODY Analytical Request Document**

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

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

40253696

**ALL SHADED AREAS are for LAB USE ONLY**

Company: WSP / Goldco Billing Information: USE NU accounts@wsp.com  
 Address: \_\_\_\_\_  
 Report To: Tim Huff Email To: tim.huff@wsp.com  
 Copy To: \_\_\_\_\_ Site Collection Info/Address: \_\_\_\_\_  
 Customer Project Name/Number: 314 01967.705 State: WI County/City: 1st Attn Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET  
 Phone: 906.370.9323 Site/Facility ID #: LN13 MP 312 Compliance Monitoring? [ ] Yes [X] No  
 Email: Stacey.Landres@wsp.com Purchased Order #: \_\_\_\_\_ DW PWS ID #: \_\_\_\_\_  
 Collected By (print): Stacey Landres Quote #: \_\_\_\_\_ DW Location Code: \_\_\_\_\_  
 Collected By (signature): [Signature] Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No  
 Sample Disposal: [X] Dispose as appropriate [ ] Return Rush: [ ] Same Day [ ] Next Day Field Filtered (if applicable): [X] Yes [ ] No  
[ ] Archive: \_\_\_\_\_ [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Analysis: MS Fe/mn  
[ ] Hold: \_\_\_\_\_ (Expedite Charges Apply)

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 \_\_\_\_\_ Lab Profile/Line: \_\_\_\_\_

Val by 8260 nitrate + nitrite by 353.2 Alkalinity & sulfat total Fe/mn dissolved Fe/mn carbon dioxide by RSK 175 methane, ethane, ethene by RSK 175	Lab Sample Receipt Checklist:	
	Custody Seals Present/Intact	Y N NA
	Custody Signatures Present	Y N NA
	Collector Signatures 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:	_____	

\* 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)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-18-31	GW	6	10-25-22	1340			3	X
MW-1-32				1135			13	X
MW-14-31				0955			13	X
MW-14-31				0800			13	X
MW-10-32				1455			13	X
MW-07-60				1155			3	X
MW-07-32				1250			3	X
MW-01-63				1430			3	X
MW-09-60				1035			3	X
MW-109-60				0800			3	X

LAB USE ONLY: Lab Sample # / Comments:

001	
002	
003	
004	
005	
006	
007	
008	
009	
010	

Customer Remarks / Special Conditions / Possible Hazards: \_\_\_\_\_ Type of Ice Used: Wet Blue Dry None  
 Packing Material Used: \_\_\_\_\_ SHORT HOLDS PRESENT (<72 hours): Y N N/A  
 Radchem sample(s) screened (<500 cpm): Y N NA Lab Tracking #: 2782445  
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:  
 Temp Blank Received: Y N NA  
 Therm ID#: \_\_\_\_\_  
 Cooler 2 Temp Upon Receipt: \_\_\_\_\_ oC  
 Cooler 1 Therm Corr. Factor: \_\_\_\_\_ oC  
 Cooler 1 Corrected Temp: \_\_\_\_\_ oC  
 Comments: \_\_\_\_\_

Relinquished by/Company: (Signature) [Signature] Date/Time: 10/25/22 Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by/Company: (Signature) [Signature] Date/Time: 10/24/22 Received by/Company: (Signature) [Signature] Date/Time: 10/24/22  
 Relinquished by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by/Company: (Signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

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 \_\_\_\_\_ Page: 2 Page 69 of 72

CHAIN-OF-CUSTODY Analytical Request Document

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

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

40253696

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP/ Boulder  
 Address:  
 Report To: Tim Huff  
 Email To: Tim.Huff@wsp.com  
 Copy To:  
 Site Collection Info/Address: Brachman Island Rd  
 Customer Project Name/Number: 31401967.705  
 State: WI County/City: Et Hkmsun Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET  
 Phone: 706.370.9323 Site/Facility ID #: LNB MP312 Compliance Monitoring? [ ] Yes [X] No  
 Email: serony.louder@wsp Purchase Order #: Quote #:  
 Collected By (print): Serony Louder DW PWS ID #: DW Location Code:  
 Collected By (signature): [Signature] Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No  
 Sample Disposal: [X] Dispose as appropriate [ ] Return Rush: [ ] Same Day [ ] Next Day Field Filtered (if applicable): [X] Yes [ ] No  
[ ] Archive: [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day Analysis: Miss Felan  
[ ] Hold: (Expedite Charges Apply)

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  
 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)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
TA102522B	W							2
MW-06-100	GW	6	10-25-22	1510				3
MW-09-33				0900				3
MW-02-55				0910				3
MW-06-60				1345				3
MW-06-32				1215				3
MW-105-60				0800				3
MW-05-30				1110				3
MW-05-60				1030				3

Voc by 8260  
 nitrate + nitrite by 353.2  
 Alkalinity & sulfide  
 Total Fe/mn  
 Dissolved Fe/mn  
 Carbon dioxide by RSK 175  
 methane, ethane, ethene by RSK 175

011  
 012  
 013  
 014  
 015  
 016  
 017  
 018  
 019  
 020 10/26/22

Customer Remarks / Special Conditions / Possible Hazards: Type of Ice Used: Wet Blue Dry None SHORT HOLDS PRESENT (<72 hours): Y N N/A  
 Packing Material Used: Lab Tracking #: 2782446  
 Radchem sample(s) screened (<500 cpm): Y N NA Samples received via: FEDEX UPS Client Courier Pace Courier

Relinquished by/Company: (Signature) Date/Time: 1615 Received by/Company: (Signature) Date/Time: MTJL LAB USE ONLY  
 Relinquished by/Company: (Signature) Date/Time: 10/25/22 Received by/Company: (Signature) Date/Time: 10/26/22  
 Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: PM: PB:

Lab Sample Temperature Info:  
 Temp Blank Received: Y N NA  
 Therm ID#: 01  
 Cooler 1 Temp Upon Receipt: °C  
 Cooler 1 Therm Corr. Factor: °C  
 Cooler 1 Corrected Temp: °C  
 Comments:  
 Trip Blank Received: Y N NA  
 HCL MeOH TSP Other  
 Non Conformance(s): YES / NO Page: 2 Page 70 of 72 of: 2



Effective Date: 8/16/2022

Client Name: WSP/Golder

Sample Preservation Receipt Form

Project # 4053096

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Lab Lot# of pH paper: 10D0744

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

Initial when completed: SKW

Date/Time:

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

Exceptions to preservation check: VOA Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:

Headspace in VOA Vials (>6mm):  Yes  No  N/A \*If yes look in headspace column

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

**Sample Condition Upon Receipt Form (SCUR)**

**Client Name:** WSP/Golder Project #: \_\_\_\_\_

**WO# : 40253696**

**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_



**Tracking #:** \_\_\_\_\_

**Custody Seal on Cooler/Box Present:**  yes  no Seals intact:  yes  no

**Custody Seal on Samples Present:**  yes  no Seals intact:  yes  no

**Packing Material:**  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

**Thermometer Used** SR - 117 **Type of Ice**  Wet  Blue  Dry  None  Meltwater Only

**Cooler Temperature** Uncorr: 15 / Corr: 2

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

Temp should be above freezing to 6°C.

Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

**Person examining contents:**  
 Date: 10/26/22 / Initials: SKW  
 Labeled By Initials: MP

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>+2CC</u>	<u>10/26/22</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Preserve</u>	<u>10/26/22 SKW</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:	
<b>Short Hold Time Analysis (&lt;72hr):</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
<b>Rush Turn Around Time Requested:</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.	
Sufficient Volume:		8.	
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace			
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>012-2V69H FD IS MW-06-101.</u>	<u>10/26/22 SKW</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>			
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.	
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased): <u>492</u>			

**Client Notification/ Resolution:** \_\_\_\_\_ If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

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



November 07, 2022

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

RE: Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

Dear Timothy Huff:


Enclosed are the analytical results for sample(s) received by the laboratory on October 27, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Cal Johnson, WSP USA - MADISON



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

---

### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40253784001	MW-11-32	Water	10/26/22 09:05	10/27/22 07:40
40253784002	MW-08-27	Water	10/26/22 09:25	10/27/22 07:40
40253784003	EB-10-26-22	Water	10/26/22 00:00	10/27/22 07:40

## REPORT OF LABORATORY ANALYSIS

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

### SAMPLE ANALYTE COUNT

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40253784001	MW-11-32	EPA 8260	JAV	68
40253784002	MW-08-27	EPA 8260	JAV	68
40253784003	EB-10-26-22	EPA 8260	JAV	68

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

**Sample: MW-11-32**      **Lab ID: 40253784001**      Collected: 10/26/22 09:05      Received: 10/27/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 20:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 20:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 20:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 20:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 20:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 20:44	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 20:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 20:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 20:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 20:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 20:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 20:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 20:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 20:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 20:44	106-43-4	
Benzene	1.8	ug/L	1.0	0.30	1		11/01/22 20:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 20:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 20:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 20:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 20:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 20:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 20:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:44	74-87-3	
Cyclohexane	2.2J	ug/L	5.0	1.3	1		11/01/22 20:44	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 20:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 20:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 20:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 20:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 20:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 20:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 20:44	1634-04-4	
Methylcyclohexane	1.3J	ug/L	5.0	1.2	1		11/01/22 20:44	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 20:44	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

**Sample: MW-11-32**      **Lab ID: 40253784001**      Collected: 10/26/22 09:05      Received: 10/27/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 20:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 20:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 20:44	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 20:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 20:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 20:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 20:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 20:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 20:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 20:44	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 20:44	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 20:44	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:44	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 20:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 20:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 20:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 20:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 20:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 20:44	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		11/01/22 20:44	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130		1		11/01/22 20:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/01/22 20:44	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

**Sample: MW-08-27**      **Lab ID: 40253784002**      Collected: 10/26/22 09:25      Received: 10/27/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 21:04	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 21:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 21:04	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 21:04	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 21:04	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 21:04	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 21:04	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 21:04	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 21:04	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 21:04	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 21:04	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 21:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 21:04	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 21:04	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 21:04	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 21:04	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:04	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 21:04	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 21:04	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 21:04	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 21:04	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 21:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 21:04	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 21:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:04	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 21:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 21:04	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 21:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 21:04	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 21:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 21:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 21:04	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 21:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 21:04	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 21:04	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 21:04	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 21:04	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 21:04	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 21:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 21:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 21:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 21:04	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 21:04	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 21:04	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 21:04	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

**Sample: MW-08-27**      **Lab ID: 40253784002**      Collected: 10/26/22 09:25      Received: 10/27/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 21:04	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:04	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 21:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 21:04	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 21:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 21:04	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 21:04	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 21:04	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 21:04	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 21:04	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 21:04	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 21:04	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 21:04	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 21:04	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 21:04	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 21:04	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 21:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 21:04	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 21:04	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 21:04	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		11/01/22 21:04	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		11/01/22 21:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		11/01/22 21:04	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

**Sample: EB-10-26-22**      **Lab ID: 40253784003**      Collected: 10/26/22 00:00      Received: 10/27/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		11/01/22 14:32	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		11/01/22 14:32	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		11/01/22 14:32	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:32	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		11/01/22 14:32	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:32	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:32	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		11/01/22 14:32	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		11/01/22 14:32	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		11/01/22 14:32	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		11/01/22 14:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		11/01/22 14:32	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:32	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		11/01/22 14:32	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		11/01/22 14:32	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:32	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:32	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		11/01/22 14:32	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		11/01/22 14:32	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		11/01/22 14:32	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:32	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		11/01/22 14:32	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		11/01/22 14:32	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:32	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		11/01/22 14:32	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:32	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		11/01/22 14:32	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:32	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		11/01/22 14:32	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:32	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		11/01/22 14:32	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		11/01/22 14:32	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:32	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		11/01/22 14:32	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		11/01/22 14:32	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		11/01/22 14:32	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		11/01/22 14:32	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:32	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		11/01/22 14:32	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		11/01/22 14:32	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		11/01/22 14:32	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		11/01/22 14:32	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		11/01/22 14:32	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		11/01/22 14:32	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

**Sample: EB-10-26-22**      **Lab ID: 40253784003**      Collected: 10/26/22 00:00      Received: 10/27/22 07:40      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		11/01/22 14:32	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:32	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		11/01/22 14:32	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		11/01/22 14:32	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		11/01/22 14:32	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		11/01/22 14:32	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		11/01/22 14:32	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		11/01/22 14:32	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		11/01/22 14:32	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		11/01/22 14:32	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		11/01/22 14:32	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		11/01/22 14:32	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		11/01/22 14:32	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:32	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		11/01/22 14:32	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		11/01/22 14:32	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		11/01/22 14:32	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		11/01/22 14:32	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		11/01/22 14:32	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		11/01/22 14:32	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	96	%	70-130		1		11/01/22 14:32	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		11/01/22 14:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		11/01/22 14:32	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

QC Batch: 430078 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40253784001, 40253784002, 40253784003

METHOD BLANK: 2477131 Matrix: Water  
Associated Lab Samples: 40253784001, 40253784002, 40253784003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	11/01/22 11:35	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	11/01/22 11:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	11/01/22 11:35	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	11/01/22 11:35	
1,1-Dichloroethane	ug/L	<0.30	1.0	11/01/22 11:35	
1,1-Dichloroethene	ug/L	<0.58	1.0	11/01/22 11:35	
1,1-Dichloropropene	ug/L	<0.41	1.0	11/01/22 11:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	11/01/22 11:35	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	11/01/22 11:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	11/01/22 11:35	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	11/01/22 11:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	11/01/22 11:35	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	11/01/22 11:35	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	11/01/22 11:35	
1,2-Dichloroethane	ug/L	<0.29	1.0	11/01/22 11:35	
1,2-Dichloropropane	ug/L	<0.45	1.0	11/01/22 11:35	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	11/01/22 11:35	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	11/01/22 11:35	
1,3-Dichloropropane	ug/L	<0.30	1.0	11/01/22 11:35	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	11/01/22 11:35	
2,2-Dichloropropane	ug/L	<4.2	5.0	11/01/22 11:35	
2-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 11:35	
4-Chlorotoluene	ug/L	<0.89	5.0	11/01/22 11:35	
Benzene	ug/L	<0.30	1.0	11/01/22 11:35	
Bromobenzene	ug/L	<0.36	1.0	11/01/22 11:35	
Bromochloromethane	ug/L	<0.36	5.0	11/01/22 11:35	
Bromodichloromethane	ug/L	<0.42	1.0	11/01/22 11:35	
Bromoform	ug/L	<3.8	5.0	11/01/22 11:35	
Bromomethane	ug/L	<1.2	5.0	11/01/22 11:35	
Carbon tetrachloride	ug/L	<0.37	1.0	11/01/22 11:35	
Chlorobenzene	ug/L	<0.86	1.0	11/01/22 11:35	
Chloroethane	ug/L	<1.4	5.0	11/01/22 11:35	
Chloroform	ug/L	<1.2	5.0	11/01/22 11:35	
Chloromethane	ug/L	<1.6	5.0	11/01/22 11:35	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	11/01/22 11:35	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	11/01/22 11:35	
Cyclohexane	ug/L	<1.3	5.0	11/01/22 11:35	
Dibromochloromethane	ug/L	<2.6	5.0	11/01/22 11:35	
Dibromomethane	ug/L	<0.99	5.0	11/01/22 11:35	
Dichlorodifluoromethane	ug/L	<0.46	5.0	11/01/22 11:35	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

METHOD BLANK: 2477131

Matrix: Water

Associated Lab Samples: 40253784001, 40253784002, 40253784003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	11/01/22 11:35	
Ethylbenzene	ug/L	<0.33	1.0	11/01/22 11:35	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	11/01/22 11:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	11/01/22 11:35	
m&p-Xylene	ug/L	<0.70	2.0	11/01/22 11:35	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	11/01/22 11:35	
Methylcyclohexane	ug/L	<1.2	5.0	11/01/22 11:35	
Methylene Chloride	ug/L	<0.32	5.0	11/01/22 11:35	
n-Butylbenzene	ug/L	<0.86	1.0	11/01/22 11:35	
n-Heptane	ug/L	<1.6	5.0	11/01/22 11:35	
n-Hexane	ug/L	<1.5	5.0	11/01/22 11:35	
n-Propylbenzene	ug/L	<0.35	1.0	11/01/22 11:35	
Naphthalene	ug/L	<1.1	5.0	11/01/22 11:35	
o-Xylene	ug/L	<0.35	1.0	11/01/22 11:35	
p-Isopropyltoluene	ug/L	<1.0	5.0	11/01/22 11:35	
sec-Butylbenzene	ug/L	<0.42	1.0	11/01/22 11:35	
Styrene	ug/L	<0.36	1.0	11/01/22 11:35	
tert-Butylbenzene	ug/L	<0.59	1.0	11/01/22 11:35	
Tetrachloroethene	ug/L	<0.41	1.0	11/01/22 11:35	
Toluene	ug/L	<0.29	1.0	11/01/22 11:35	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	11/01/22 11:35	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	11/01/22 11:35	
Trichloroethene	ug/L	<0.32	1.0	11/01/22 11:35	
Trichlorofluoromethane	ug/L	<0.42	1.0	11/01/22 11:35	
Vinyl chloride	ug/L	<0.17	1.0	11/01/22 11:35	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	11/01/22 11:35	
4-Bromofluorobenzene (S)	%	105	70-130	11/01/22 11:35	
Toluene-d8 (S)	%	99	70-130	11/01/22 11:35	

LABORATORY CONTROL SAMPLE: 2477132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.4	99	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	69-130	
1,1,2-Trichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethene	ug/L	50	47.3	95	74-131	
1,2,4-Trichlorobenzene	ug/L	50	50.1	100	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.8	90	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	47.6	95	70-137	
1,2-Dichloropropane	ug/L	50	50.2	100	80-121	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

LABORATORY CONTROL SAMPLE: 2477132

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
Benzene	ug/L	50	49.4	99	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	44.2	88	70-130	
Bromomethane	ug/L	50	28.8	58	21-147	
Carbon tetrachloride	ug/L	50	47.0	94	80-146	
Chlorobenzene	ug/L	50	48.3	97	70-130	
Chloroethane	ug/L	50	41.6	83	52-165	
Chloroform	ug/L	50	46.3	93	80-123	
Chloromethane	ug/L	50	31.0	62	51-122	
cis-1,2-Dichloroethene	ug/L	50	47.9	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Cyclohexane	ug/L	50	49.0	98	50-150	
Dibromochloromethane	ug/L	50	46.1	92	70-130	
Dichlorodifluoromethane	ug/L	50	15.6	31	25-121	
Ethylbenzene	ug/L	50	51.7	103	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.2	104	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	45.6	91	70-130	
Methylcyclohexane	ug/L	50	49.4	99	50-150	
Methylene Chloride	ug/L	50	48.9	98	70-130	
o-Xylene	ug/L	50	50.1	100	70-130	
Styrene	ug/L	50	45.8	92	70-130	
Tetrachloroethene	ug/L	50	46.3	93	70-130	
Toluene	ug/L	50	48.9	98	80-120	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.2	90	70-130	
Trichloroethene	ug/L	50	49.5	99	70-130	
Trichlorofluoromethane	ug/L	50	45.2	90	65-160	
Vinyl chloride	ug/L	50	33.7	67	63-134	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2477911 2477912

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40253696012 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	51.8	49.8	104	100	70-134	4	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	52.2	50.2	104	100	61-135	4	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	51.0	48.2	102	96	70-130	6	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	51.3	50.2	103	100	70-130	2	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	50.2	47.4	100	95	71-130	6	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.4	49.1	103	98	68-131	5	20		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 31401967.7050 FT. ATKINSON

Pace Project No.: 40253784

Parameter	Units	40253696012		MS		MSD		2477911		2477912		Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	44.5	48.6	89	97	51-141	9	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	48.9	48.2	98	96	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	52.2	50.1	104	100	70-130	4	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	50.3	49.3	101	99	70-137	2	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	53.6	50.0	107	100	80-121	7	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	52.2	49.3	104	99	70-130	6	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	50.1	49.3	100	99	70-130	2	20	
Benzene	ug/L	0.98J	50	50	51.8	54.9	102	108	70-130	6	20	
Bromodichloromethane	ug/L	<0.42	50	50	52.9	50.0	106	100	70-130	6	20	
Bromoform	ug/L	<3.8	50	50	47.0	43.9	94	88	70-133	7	20	
Bromomethane	ug/L	<1.2	50	50	30.0	31.8	60	64	21-149	6	22	
Carbon tetrachloride	ug/L	<0.37	50	50	49.7	46.7	99	93	80-146	6	20	
Chlorobenzene	ug/L	<0.86	50	50	50.6	49.8	101	100	70-130	2	20	
Chloroethane	ug/L	<1.4	50	50	37.5	39.0	75	78	52-165	4	20	
Chloroform	ug/L	<1.2	50	50	48.3	48.6	97	97	80-123	1	20	
Chloromethane	ug/L	<1.6	50	50	32.8	31.4	66	63	42-125	4	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	51.6	48.9	103	98	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	49.3	48.1	99	96	70-130	3	20	
Cyclohexane	ug/L	<1.3	50	50	48.8	49.2	98	98	50-150	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.1	46.3	96	93	70-130	4	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	17.5	16.1	35	32	25-121	8	20	
Ethylbenzene	ug/L	<0.33	50	50	54.3	53.0	109	106	80-121	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.0	52.4	108	105	70-130	3	20	
m&p-Xylene	ug/L	<0.70	100	100	106	102	106	102	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	51.1	50.1	102	100	70-130	2	20	
Methylcyclohexane	ug/L	<1.2	50	50	49.9	49.2	100	98	50-150	1	20	
Methylene Chloride	ug/L	0.33J	50	50	50.8	50.3	101	100	70-130	1	20	
o-Xylene	ug/L	<0.35	50	50	52.2	50.3	104	101	70-130	4	20	
Styrene	ug/L	<0.36	50	50	43.4	41.7	87	83	70-132	4	20	
Tetrachloroethene	ug/L	<0.41	50	50	49.3	46.8	99	94	70-130	5	20	
Toluene	ug/L	<0.29	50	50	49.9	52.0	100	104	80-120	4	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	51.3	49.2	103	98	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	44.2	43.1	88	86	70-130	2	20	
Trichloroethene	ug/L	<0.32	50	50	51.5	49.5	103	99	70-130	4	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	48.6	44.7	97	89	65-160	8	20	
Vinyl chloride	ug/L	<0.17	50	50	33.9	32.8	68	66	60-137	3	20	
1,2-Dichlorobenzene-d4 (S)	%						103	103	70-130			
4-Bromofluorobenzene (S)	%						108	108	70-130			
Toluene-d8 (S)	%						100	96	70-130			

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

### REPORT OF LABORATORY ANALYSIS

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

## QUALIFIERS

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

---

### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

## REPORT OF LABORATORY ANALYSIS

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

**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: 31401967.7050 FT. ATKINSON  
Pace Project No.: 40253784

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40253784001	MW-11-32	EPA 8260	430078		
40253784002	MW-08-27	EPA 8260	430078		
40253784003	EB-10-26-22	EPA 8260	430078		

**REPORT OF LABORATORY ANALYSIS**

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





# CHAIN-OF-CUSTODY Analytical Request Document

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

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

40253784

**ALL SHADED AREAS are for LAB USE ONLY**

Company: WSP/Golden Billing Information:

Address:

Report To: Tim Huff Email To: tim.huff@wsp.com

Copy To:

Site Collection Info/Address:

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

Customer Project Name/Number: 31401967.705B State: WI County/City: Ft. Atkinson Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone: 717-275-6990 Site/Facility ID #: LN13 MP312 Compliance Monitoring? [ ] Yes [ ] No

Email: je.kemp@wsp.com Purchase Order #: LN13 MP312 DW PWS ID #: UAC by 8060

Collected By (print): Joe Kemp Quote #: DW Location Code:

Collected By (signature): [Signature] Turnaround Date Required: Standard Immediately Packed on Ice: [ ] 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:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analysis	Lab Profile/Line:
			Date	Time	Date	Time				
MW-11-32	GW	G	10-26-22	0905				3	X	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:
MW-08-27	GW	G	10-26-22	0905				3	X	
EB-10-26-22	W							3	X	

\* 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)	Composite End	Res Cl	# of Ctns
			Date	Time	Date	Time
MW-11-32	GW	G	10-26-22	0905		3
MW-08-27	GW	G	10-26-22	0905		3
EB-10-26-22	W					3

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 #: 2782447

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: \_\_\_\_\_

Cooler Temp Upon Receipt: \_\_\_\_\_ oC

Cooler 1 Therm Corr. Factor: \_\_\_\_\_ oC

Cooler 1 Corrected Temp: \_\_\_\_\_ oC

Comments:

Relinquished by/Company: (Signature) [Signature] WSP

Date/Time: 10/26/22 1208

Relinquished by/Company: (Signature) [Signature]

Date/Time: 10/27/22 0740

Relinquished by/Company: (Signature) [Signature]

Date/Time:

Received by/Company: (Signature) [Signature]

Date/Time: 10/27/22 0740

Received by/Company: (Signature) [Signature]

Date/Time:

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

Page 17 of 19

Client Name: WSP/Golder

Sample Preservation Receipt Form

Project # 10253784

All containers needing preservation have been checked and noted below:

Yes  No  N/A

Lab Lot# of pH paper:

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

Initial when completed:

Date/Time:

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


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

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

Sample Condition Upon Receipt Form (SCUR)

Client Name: WSP/Golder

Project #: **WO#: 40253784**



40253784

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

Tracking #: \_\_\_\_\_  
 Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no  
 Custody Seal on Samples Present:  yes  no Seals intact:  yes  no  
 Packing Material:  Bubble Wrap  Bubble Bags  None  Other  
 Thermometer Used SR - 117 Type of Ice:  Wet  Blue  Dry  None  Meltwater Only

Cooler Temperature Uncorr: 1 / Corr: 1.5  
 Temp Blank Present:  yes  no Biological Tissue is Frozen:  yes  no

Person examining contents:  
 Date: 10/27/22 / Initials: SKU  
 Labeled By Initials: MJSE

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1. <u>+ 2CC</u>	<u>10/27/22</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>Billing, Preserve, Pg #</u>	<u>10/27/22</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	<u>SKU</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.	
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.	
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.	
Sufficient Volume:		8.	
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace			
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.	
-Includes date/time/ID/Analysis Matrix: <u>W</u>			
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13.	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: \_\_\_\_\_ If checked, see attached form for additional comments   
 Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir  
 Page 2 of 2

## ENCLOSURE B – HYDROGEOLOGIST CERTIFICATION

Monitoring Well Sampling Results – Q4 2022  
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.



12/7/2022

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

\_\_\_\_\_  
Date