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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

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

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

Notification of Property Owners and Occupants:

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

Site Information

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

Responsible Party

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

Property Owner			
Enbridge Energy, Limited Partnership (Responsible Party / Operator)		Tri-State Holdings LLC (property owner)	
Address	**City**	**State**	**ZIP Code**
11 East Superior Street - Suite 125	Duluth	MN	55802
Contact Person		**Phone Number (include area code)**	
Karl Beaster, P.G.		(715) 718-1040	

Person or company that collected samples

WSP USA Inc.

Sample Results (Results Attached)

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

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

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

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

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

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

Attached are:

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

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

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

Contact Information

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

Environmental Consultant

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

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

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

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

State of Wisconsin Department of Natural Resources

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

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

Email

caroline.rice@wisconsin.gov

September 1, 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 July 25 and 27, 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 23 monitoring wells at the Site between July 25 and 27, 2022. The well locations and sampling results for benzene 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 were analyzed by Pace Analytical of Green Bay, Wisconsin or Pace Analytical of Baton Rouge, Louisiana, for:

- Nitrate-nitrite as Nitrogen (EPA Method 353.2)
- Total Alkalinity as CaCO3 (EPA Method 310.2)
- Total and Dissolved Iron and Manganese (EPA Method 6020)
- Dissolved Carbon Dioxide, Methane, Ethane, and Ethene (EPA Method RSK-175)
- Sulfate (EPA Method 300.0)
- QA/QC samples for MNA parameters included one duplicate sample which was submitted with the monitoring well samples.

VOCS SAMPLING RESULTS

The results were generally consistent with historical sampling results for each of the monitoring well locations. Table 1 includes the laboratory analytical results for VOCs detected in one or more samples from the July sampling event. Table 2 includes the historical laboratory analytical results for select VOCs from previous sampling events. The laboratory report was initially issued on August 9, 2022, with a reduced VOCs analyte list consisting of 13 compounds. The laboratory issued a revised report on August 17, 2022, with the full VOCs analyte list consisting of 65 compounds. Enclosure A includes both laboratory reports. Benzene, toluene, ethylbenzene, and total xylenes (BTEX), n-hexane, and trichloroethene (TCE) were detected in one or more samples at concentrations above the WDNR Enforcement Standard (ES), Preventative Action Limit (PAL), or Vapor Risk Screening Level (VRSL).

Benzene was detected at concentrations above the ES of 5 micrograms per liter (µg/l) or residential VRSL of 27.2 µg/l in the samples collected from monitoring wells MW-01-32 (15,300 µg/l), MW-10-32 (22.1 µg/l), and MW-14-31 (84.5 µg/l). Benzene was detected at concentrations above the PAL of 0.5 µg/l in the samples collected from monitoring wells MW-05-30 (1.6 µg/l), MW-06-32 (0.86 J µg/l), and MW-11-32 (2.1 µg/l).

The sample collected from MW-01-32 also contained toluene (647 µg/l) and n-hexane (1,210 µg/l) at concentrations above the respective ES or PAL and n-hexane at concentrations above its respective commercial and residential VRSLs. The duplicate sample (DUP07272022) collected from MW-01-32 also contained ethylbenzene (89.6 J µg/l) above its respective residential VRSL (69.2 µg/l) while the primary sample was non-detect, and the toluene concentration in the duplicate sample (DUP07272022) was 4,810 µg/l (see discussion below about QA/QC sample results).

The sample from MW-10-32 contained n-hexane (18.4 µg/l) at a concentration above the residential VRSL (16.6 µg/l).

Trichloroethene was detected at concentrations above the ES and residential VRSL in the sample collected at MW-06-60 (19.7 µg/l) and above the PAL (0.5 µg/l) in the sample collected at MW-06-32 (2.7 µg/l) and the associated duplicate sample (DUP07262022; 3.3 µg/l). Trichloroethene is not associated with the diluent release.

Samples from several wells included compounds that were detected at concentrations below ES, PAL, or VRSL screening levels or compounds that do not have established screening levels, including:

- MW-01-32 (cyclohexane at 636 µg/l) and the associated duplicate sample (DUP07272022; cyclohexane at an estimated concentration of 587 µg/l),
- MW-10-32 (cyclohexane at 18.8 µg/l, methyl-tert-butyl ether at 7.1 µg/l (PAL of 12.0 µg/l), methylcyclohexane at 11.5 µg/l and ethylbenzene at an estimated concentration of 0.91 µg/l,
- MW-11-32 (cyclohexane and methylcyclohexane at estimated concentrations of 4.8 µg/l and 1.7 µg/l).
- MW-14-31 (cyclohexane at 54.3 µg/l, n-hexane at 13.0 µg/l, methylcyclohexane at 23.2 µg/l and ethylbenzene at an estimated concentration of 0.34 µg/l).

The original eight monitoring wells installed in 2020 have now been sampled eight times, while monitoring wells installed in 2021 have now been sampled either four or five times (Table 2). At the MW-01-32 location, BTEX concentrations were the lowest among historical sample results. At the MW-06-32 location, the benzene concentration decreased for the fifth consecutive quarter, decreasing from a high of 7.5 µg/l in August 2021 to an estimated concentration of 0.86 µg/l in July 2022. At the MW-06-60 location, the TCE concentration has increased in five quarterly samples from 11.3 µg/l in August 2021 to 19.7 µg/l in July 2022. At the MW-14-31 location, the benzene concentration has decreased from a high of 402 µg/l in October 2021 to 84.5 µg/l in July 2022.

No VOCs were detected above the laboratory method detection limits in the equipment blank samples (EB220727A and EB220727B) or the trip blank sample (TB072722). The results for the duplicate samples collected at monitoring wells MW-06-32 and MW-07-32 were generally consistent with their respective primary samples. The duplicate sample collected from monitoring well MW-01-32 (sample ID: DUP07272022) contained toluene at a concentration of 4,810 µg/l, notably higher than in the primary sample (647 µg/l), while the remainder of compounds detected in both samples were generally consistent. WSP requested that the laboratory review the toluene 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. Enclosure A includes the laboratory reports.

The MNA parameter sampling results provide information to assess aerobic and anaerobic processes that are indicators of biodegradation of petroleum compounds. In general, there is a characteristic sequence in which biodegradation by organisms occurs, relating to a sequence of the greatest amount of energy released to the least. Aerobic respiration, or utilization of dissolved oxygen as an electron acceptor, occurs first. When oxygen is depleted due to biodegradation, the following sequence of anaerobic biodegradation is expected: nitrate reduction, manganese-reduction, iron-reduction, sulfate-reduction, and methanogenesis.

DISSOLVED OXYGEN AND ORP

Dissolved oxygen (DO) and oxidation-reduction potential (ORP) were measured during low-flow sampling using a multi-parameter water quality meter with a flow-through cell. At upgradient or cross-gradient monitoring wells screened across the water table, the DO readings were generally between 4 and 9.5 milligrams per liter (mg/l) with positive ORP readings (Tables 1 and 3), indicating the availability of dissolved oxygen and generally aerobic conditions in shallow groundwater to support aerobic biodegradation. Similarly, DO readings at downgradient wells ranged from 5.59 mg/l to 8.52 mg/l. At monitoring well locations within the source area (e.g., MW-01-32, MW-14-31), DO readings were less than 0.5 mg/l. Monitoring well locations within the source area and downgradient of the source area (e.g., MW-01-32, MW-10-32, MW-11-32, MW-14-31), ORP readings were negative, indicating anaerobic conditions within shallow impacted groundwater near the source area.

NITRATE REDUCTION

Nitrate (NO_3^-) can serve as an electron acceptor through denitrification (when NO_3^- is converted to nitrogen, N_2) and nitrate reduction (when NO_3^- is converted to nitrite and ammonia). Denitrification tends to be the dominant process, as it generates more energy for the microorganisms. Therefore, sampling for nitrate provides a means of determining whether denitrification is occurring, through assessment of the amount of nitrate remaining inside the plume.

Nitrate plus nitrite (as nitrogen) were detected at 0.26 mg/l and 0.70 mg/l in the samples from upgradient wells MW-02-25 and MW-17-20 (Table 3). Samples from source area wells MW-01-32 and MW-14-31 did not contain detectable nitrate

plus nitrite. The samples from downgradient wells MW-06-32 and MW-10-32 contained nitrate plus nitrite at 1.6 mg/l, and at an estimated concentration of 0.12 mg/l respectively. The results were consisted with historical data (Table 4).

The results indicate that nitrate reduction is occurring within shallow impacted groundwater in the source area and immediately downgradient of the source area.

MANGANESE REDUCTION

Manganese (Mn^{4+}) in saturated soils is reduced to soluble manganese (Mn^{2+}) by microbial activity during hydrocarbon degradation. Therefore, where microbial degradation of petroleum is occurring, the concentration of soluble manganese is expected to increase at sites where manganese is present in saturated soil.

Total and dissolved Mn concentrations were similar for each sample location except MW-02-25, confirming that soluble manganese (Mn^{2+}) was the dominant phase. Dissolved Mn concentrations in samples from upgradient wells MW-02-25 and MW-17-20 were estimated concentrations of 1.2 µg/l and 3.1 µg/l, respectively. The concentration of total manganese in MW-02-25 was 14.6 µg/l indicating that Mn^{4+} may be the dominant phase at that location. Dissolved Mn concentrations in downgradient monitoring wells ranged from 35.4 to 536 µg/l. The highest dissolved Mn concentrations were detected in the samples from monitoring wells MW-01-32 (106 µg/l) MW-14-31 (848 µg/l) located within the source area. The results were consisted with historical data (Table 4).

The results indicate the manganese reduction is occurring within shallow impacted groundwater in the source area and downgradient of the source area.

IRON REDUCTION

Similarly, ferric iron (Fe^{3+}) on saturated soil surfaces can be reduced to soluble ferrous iron (Fe^{2+}) by microbial activity during hydrocarbon degradation. Therefore, where microbial degradation of petroleum is occurring, the concentration of soluble ferrous iron is expected to increase at sites where ferric iron is present in saturated soil.

Total and dissolved Fe concentrations were similar for each sample location where it was detected, confirming that soluble ferrous iron (Fe^{2+}) is the dominant phase. Dissolved Fe was not detected in samples from upgradient wells MW-02-25 and MW-17-20. Dissolved Fe concentrations increased relative to upgradient in samples from source area wells MW-01-32 and MW-14-31 and downgradient well MW-10-32, with the highest dissolved Fe concentration in the sample from MW-01-32 (7,090 µg/l). The sample from MW-06-32, the furthest downgradient well included in the MNA assessment, did not contain detectable dissolved Fe. The results were consisted with historical data (Table 4).

The results indicate the iron reduction is occurring within shallow impacted groundwater in the source area and immediately downgradient of the source area.

SULFATE REDUCTION

Sulfate (SO_4^{2-}) on saturated soil surfaces can be reduced to sulfide (S^{2-}) by microbial activity during hydrocarbon degradation. The sulfide forms metal sulfide precipitates, which then leave the groundwater solution. Therefore, where microbial degradation of petroleum is occurring, the concentration of sulfate is expected to decrease.

Sulfate concentrations in the samples from upgradient wells MW-02-25 and MW-17-20 ranged from 3.7 mg/l to 4.1 mg/l, and sulfate concentrations in downgradient wells ranged from 8.7 mg/l to 24.4 mg/l. Sulfate concentrations in the source area were non-detect or an estimated concentration. The results were consisted with historical data (Table 4).

The results indicate the sulfate reduction is occurring within shallow impacted groundwater in the source area and immediately downgradient of the source area.

METHANOGENESIS

Carbon dioxide is produced as a result of the respiration of microbes. Therefore, dissolved carbon dioxide concentrations may increase where microbial degradation is occurring. However, under anoxic conditions, carbon dioxide can serve as an electron acceptor during methanogenesis, which is the formation of methane by microbes and occurs with high organic carbon content and only under anaerobic conditions. It is the final step of decomposition of organic compounds. Where microbial degradation of petroleum hydrocarbons is occurring in anoxic conditions, the concentration of methane is expected to increase, provided methanogens are present.

Dissolved carbon dioxide was detected at 58,100 and 43,000 µg/l in the samples from upgradient wells MW-02-25 and MW-17-20 (Table 3). Dissolved carbon dioxide concentrations increased relative to upgradient in each of the source area and downgradient well samples, with the highest dissolved carbon dioxide concentration in the sample from MW-14-31 (123,000 µg/l). The results were consisted with historical data (Table 4).

Dissolved methane was detected in one of the upgradient well samples (30 µg/l at MW-02-25). Dissolved methane concentrations increased relative to upgradient in samples from source area wells MW-01-32 and MW-14-31 and downgradient well MW-10-32, with the highest dissolved methane concentration in the sample from MW-01-32 (190 µg/l). The sample from MW-06-32, the furthest downgradient well included in the MNA assessment, included an estimated concentration of dissolved methane of 3.1 µg/l. The results were consisted with historical data (Table 4).

The dissolved carbon dioxide results indicate the microbial degradation is occurring within shallow impacted groundwater in the source area and downgradient of the source area, and the dissolved methane results indicate that methanogenesis is occurring within the source area and immediately downgradient.

ALKALINITY

Alkalinity reflects the buffering capacity of groundwater and is heavily influenced by the concentration of carbon dioxide in the groundwater. Therefore, variations in alkalinity can serve as an indicator of microbial activity, with increases in alkalinity being indicative of biological activity, where respiration of microbes produces carbon dioxide.

The total alkalinity concentration, as $CaCO_3$, in samples from source area wells MW-01-32 and MW-14-31 and downgradient wells MW-06-32 and MW-10-32 was between 453 and 569 mg/l, slightly higher than in the samples from upgradient wells MW-02-25 (488 mg/l) and MW-17-20 (393 mg/l).

The results suggest that microbial activity that results in the production of carbon dioxide through aerobic respiration is occurring within shallow impacted groundwater in the source area and downgradient of the source area.

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

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

Kind regards,

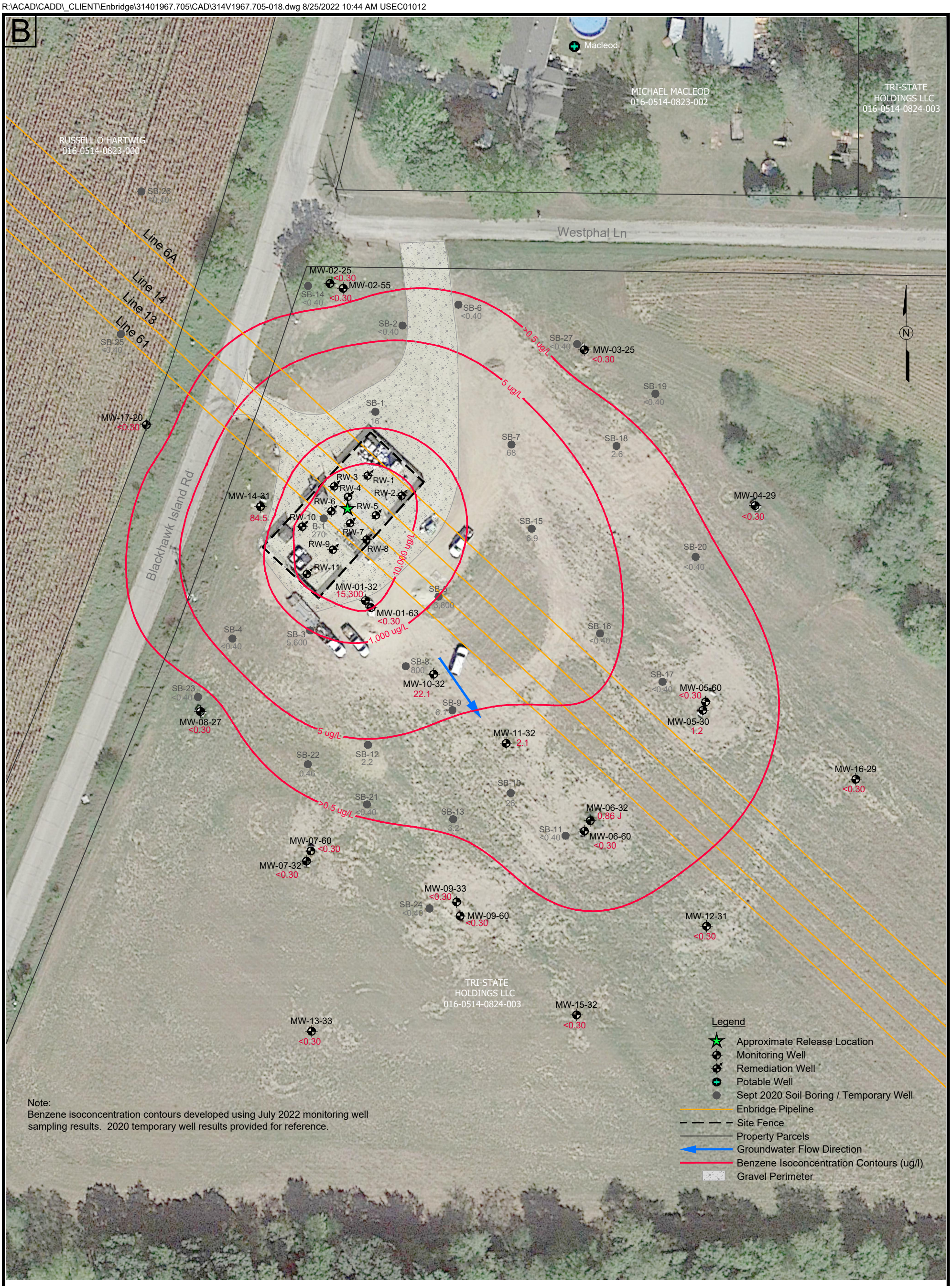
Timothy A. Huff
Senior Lead Geologist

TAH : tmg
\\corp.pbwan.net\us\centraldata\usmes100\es-shares\clients\enbridge\fort atkinson, wi - l13 mp312_work plans and reports\2022-08 mw sampling results to wdnr\2022.08.31_line13 mp312_monitoring well sampling results q3 2022 draft.docx

Encl.

FIGURE

R:\ACAD\CADD_CLIENT\Enbridge\31401967.705\CAD\314V1967.705-018.dwg 8/25/2022 10:44 AM USEC01012



Note:
Benzene isoconcentration contours developed using July 2022 monitoring well sampling results. 2020 temporary well results provided for reference.

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

0 60 120
SCALE IN FEET

ENBRIDGE

FIGURE 1

GROUNDWATER SAMPLING ANALYTICAL RESULTS FOR BENZENE (JULY 2022)

LINE 13 MP 312 VALVE SITE
FORT ATKINSON, WISCONSIN

PREPARED FOR
ENBRIDGE ENERGY LIMITED PARTNERSHIP

Drawn By: EGC
Checked:
Approved: TAH 8/25/2022
DWG Name: 314V1967.705-018

TABLES

Table 1

Monitoring Well Sampling Analytical Results - July 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	07/27/22	***15,300***	<40.6	*647*	<131	636	***1,210***	<149	<141	<40.0
	07/27/22 - Duplicate	***16,600***	89.6 J	***4,810***	58.5 J	587 J	***1,190***	<149	<141	<40.0
MW-01-63	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-25	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-55	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-03-25	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-04-29	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-30	07/26/22	*1.6*	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-60	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-06-32	07/26/22	*0.86 J*	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	*2.7*
	07/26/22 - Duplicate	*1.0*	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	*3.3*
MW-06-60	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	***19.7***
MW-07-32	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22 - Duplicate	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-60	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-08-27	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-33	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32

Table 1

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

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-01-32	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
	07/27/22 - Duplicate	--	--	--	--	--	--	--	--	--
MW-01-63	07/27/22	9	6.96	1.08	0.0	0.34	15.34	-119	Clear	None
MW-02-25	07/27/22	15	7.23	0.865	1.4	6.09	9.68	181	Clear	None
MW-02-55	07/25/22	21	8.08	1.21	8.4	5.05	14.13	-56	Clear	None
MW-03-25	07/25/22	5	6.79	0.913	0.0	2.40	13.22	153	Clear	None
MW-04-29	07/26/22	23	6.19	0.870	82.4	5.50	12.09	147	Clear	None
MW-05-30	07/26/22	7.5	7.24	3.02	0.0	1.49	21.08	61	Clear	None
MW-05-60	07/26/22	30	7.59	2.38	3.4	0.42	17.74	2	Clear	None
MW-06-32	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
	07/26/22 - Duplicate									
MW-06-60	07/26/22	7.5	7.70	2.61	0.0	0.95	17.96	-69	Clear	None
MW-07-32	07/25/22	34	8.03	1.14	8.4	9.29	11.43	90	Clear	None
	07/25/22 - Duplicate	--	--	--	--	--	--	--	--	--
MW-07-60	07/25/22	15	8.24	0.892	10.3	1.27	13.77	-63	Clear	None
MW-08-27	07/26/22	15	5.73	0.002	501	9.45	16.28	145	Clear	None
MW-09-33	07/25/22	15	4.55	1.07	0.0	0.20	13.10	214	Clear	None

Table 1

Monitoring Well Sampling Analytical Results - July 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	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-10-32	07/27/22	***22.1***	0.91 J	<0.29	<1.0	18.8	18.4	11.5	7.1	<0.32
MW-11-32	07/26/22	*2.1*	<0.33	<0.29	<1.0	4.8 J	<1.5	1.7 J	<1.1	<0.32
MW-12-31	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-13-33	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-14-31	07/26/22	***84.5***	0.34 J	<0.29	0.37 J	54.3	13.0	23.2	<1.1	<0.32
MW-15-32	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-16-29	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-17-20	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
Trip Blank	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
Equipment Blank	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32

Table 1

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

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-09-60	07/25/22	19.5	6.30	0.899	20.1	4.00	16.78	132	Clear	None
MW-10-32	07/27/22	12	6.98	0.989	0.0	5.54	15.20	-116	Clear	None
MW-11-32	07/26/22	16.5	6.41	1.04	148	0.00	18.48	-113	Clear	None
MW-12-31	07/26/22	5.5	6.66	1.10	129	7.68	18.87	155	Clear	None
MW-13-33	07/26/22	6	6.07	1.00	0.0	6.03	11.25	181	Clear	None
MW-14-31	07/26/22	10.5	6.80	0.980	0.0	0.00	19.22	-98	Clear	None
MW-15-32	07/26/22	9	6.97	1.01	5.2	5.10	14.54	88	Clear	None
MW-16-29	07/26/22	4.5	6.53	1.08	0.0	5.99	16.26	156	Clear	None
MW-17-20	07/27/22	13.5	6.28	0.767	79.7	4.99	17.63	114	Clear	None
Trip Blank	07/27/22	--	--	--	--	--	--	--	--	--
Equipment Blank	07/27/22	--	--	--	--	--	--	--	--	--
	07/27/22	--	--	--	--	--	--	--	--	--

Table 1

Monitoring Well Sampling Analytical Results - July 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 commerial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

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

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

NE = Not established.

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

ug/L = Micrograms per liter.

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-01-32	10/09/20	***23,700***	*222*	***7,650***	*728*	NA	NA	NA	<249	<51.0
	01/15/21	***24,400***	*244*	***10,400***	*775*	NA	NA	NA	<249	<51.0
	04/01/21	***17,600***	*220*	***9,280***	*758*	1,180	*178 J*	259	***89.9 J***	<12.8
	07/08/21	***21,800***	*188*	***8,150***	*586*	933	<73.1	175 J	<56.5	<16.0
	10/26/21	***18,900***	*167 J*	***7,830***	*503*	556 J	<292	<239	<226	<63.9
	01/25/22	***20,700***	*207*	***8,690***	*637*	1,600	*1,480*	424 J	<144	<40.0
	04/20/22	***22,200***	*223*	***9,560***	*743*	1,460	*272 J*	290 J	<226	<63.9
	07/27/22	***15,300***	<40.6	*647*	58.5 J	636	***1,210***	<149	<141	<40.0
MW-01-63	09/08/21	0.50 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	0.41 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	1.6 J	<0.32
	01/25/22	*0.80 J*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	*1.1*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-55	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-01-32	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	8.25	6.90	0.909	5.2	2.65	12.11	-88	Clear	Mild Odor
	07/08/21	4.2	7.81	0.810	0.0	0.00	16.75	35	Clear	None
	10/26/21	10	7.04	0.655	4.4	0.70	15.33	-59	Clear	Slight Odor
	01/25/22	8	6.59	0.800	0.0	0.00	11.88	-20	Clear	Slight Odor
	04/20/22	15	7.06	0.901	3.9	1.42	12.19	-110	Clear	Slight Odor
	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
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
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
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-03-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-04-29	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-05-30	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/09/21	0.61 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	09/01/21	*1.3*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	*2.0*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	*1.9*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	*1.2*	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	*1.6*	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
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Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-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
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
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

Table 2

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Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-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
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
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
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-07-60	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-08-27	10/09/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-33	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-60	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-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
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
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
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
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-11-32	09/08/21	*2.2*	<0.33	<0.29	<1.05	6.8	<1.5	2.0 J	<1.1	<0.32
	10/27/21	*2.0*	<0.33	<0.29	<1.05	3.9 J	<1.5	1.6 J	<1.1	0.47 J
	01/25/22	*1.8*	<0.33	<0.29	<1.05	4.2 J	17.2	2.0 J	<1.1	<0.32
	04/19/22	*2.3*	<0.33	<0.29	<1.05	6.5	<1.5	2.5 J	<1.1	<0.32
	07/26/22	*2.1*	<0.33	<0.29	<1.0	4.8 J	<1.5	1.7 J	<1.1	<0.32
MW-12-31	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-13-33	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-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
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
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
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

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Volatile Organic Compounds								
Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-15-32	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-16-29	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32
MW-17-20	12/14/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/21/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.0	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Historical Monitoring Well Sampling Results for Compounds of Concern
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-15-32	09/02/21	16.8	7.36	0.890	0.0	1.19	15.78	28	Clear	None
	10/25/21	13.5	7.21	0.623	5.3	0.00	12.35	149	Clear	None
	01/25/22	13.5	7.24	0.833	0.0	0.56	7.30	134	Clear	None
	04/19/22	9	7.44	0.883	0.0	3.09	11.30	90	Clear	None
	07/26/22	9	6.97	1.01	5.2	5.10	14.54	88	Clear	None
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
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

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 commerial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

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

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

NA = Not accessible.

NE = Not established.

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

ug/L = Micrograms per liter.

Table 3

Monitoring Well Sampling Analytical Results - July 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
Upgradient Locations												
MW-02-25	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
MW-17-20	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
Source Area Locations												
MW-01-32	07/27/22	130	1.1	1.0	54,100	***7,100***	***7,090***	***104***	***106***	522	<0.059	<0.44
	7/27/2022 - Duplicate	190	1.5	2.0	60,900	***7,730***	***6,970***	***110***	***108***	483	<0.059	<0.44
MW-14-31	07/26/22	160	1.4	0.53 J	123,000	***4,350***	***3,940***	***859***	***848***	569	<0.059	0.91 J
Downgradient Locations												
MW-06-32	07/26/22	3.1 J	0.66 J	0.66 J	107,000	<56.7	<29.6	*37.2*	*35.4*	562	1.6	24.4
MW-10-32	07/27/22	54	1.7	0.99 J	114,000	***1,680***	***1,530***	***534***	***536***	453	0.12 J	8.7

Table 3

Monitoring Well Sampling Analytical Results - July 2022 - 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
Upgradient Locations										
MW-02-25	07/25/22	15	7.23	0.865	1.4	6.09	9.68	181	Clear	None
MW-17-20	07/27/22	13.5	6.28	0.767	79.7	4.99	17.63	114	Clear	None
Source Area Locations										
MW-01-32	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
	7/27/2022 - Duplicate									
MW-14-31	07/26/22	9	6.80	0.980	0.0	0.00	19.22	-98	Clear	None
Downgradient Locations										
MW-06-32	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
MW-10-32	07/27/22	12	6.89	0.989	0.0	5.59	15.20	-116	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	
Upgradient Locations													
MW-02-25	04/19/22	120	0.18 J	<0.24	62,700	<56.7	<29.6	20	23.3	473	0.28	4.2	(b)
	07/25/22	30	0.17 J	0.40 J	58,100	<56.7	<29.6	14.6	1.2 J	488	0.26	4.1	
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	
Source Area Locations													
MW-01-32	04/20/22	210	1.2	0.29 J	67,300	***6,830***	***6,130***	***122***	***112***	538	<0.059	1.3 J	(b)
	07/27/22	130	1.1	1.0	54,100	***7,100***	***7,090***	***104***	***106***	522	<0.059	<0.44	
MW-14-31	04/18/22	120	1.7	<0.24	124,000	***3,080***	***2,760***	***1,280***	***1,230***	560	<0.059	0.79 J	(b)
	07/26/22	160	1.4	0.53 J	123,000	***4,350***	***3,940***	***859***	***848***	569	<0.059	0.91 J	
Downgradient Locations													
MW-06-32	04/19/22	<2.0	0.20 J	<0.24	120,000	<56.7	<29.6	*44.2*	*38.3*	553	2.0	26.8	(b)
	07/26/22	3.1 J	0.66 J	0.66 J	107,000	<56.7	<29.6	*37.2*	*35.4*	562	1.6	24.4	
MW-10-32	04/20/22	40	0.84 J	<0.24	87,500	***1,340***	***1,230***	***595***	***565***	442	<0.059	7.5	(b)
	07/27/22	54	1.7	0.99 J	114,000	***1,680***	***1,530***	***534***	***536***	453	0.12 J	8.7	

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 (℃)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
Enforcement Standard (a)		NE	NE	NE	NE	NE	NE	NE	NE	NE
Preventive Action Limit (a)		NE	NE	NE	NE	NE	NE	NE	NE	NE
Upgradient Locations										
MW-02-25	04/19/22	13.5	7.21	0.858	1.1	5.82	9.92	174	Clear	None
	07/25/22	15	7.23	0.865	1.4	6.09	9.68	181	Clear	None
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
Source Area Locations										
MW-01-32	04/20/22	15	7.06	0.901	3.9	1.42	12.19	-110	Clear	Slight Odor
	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
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
Downgradient Locations										
MW-06-32	04/19/22	13.75	6.41	1.06	0.0	0.35	14.46	125	Clear	None
	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
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

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.

ENCLOSURE A – LABORATORY ANALYTICAL RESULTS

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

August 09, 2022

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

RE: Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 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: Matt Grady, WSP USA - MADISON
Cal Johnson, WSP USA - MADISON

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

CERTIFICATIONS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

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
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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

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

SAMPLE SUMMARY

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40248901001	MW-05-60	Water	07/26/22 11:35	07/28/22 08:00
40248901002	MW-13-33	Water	07/26/22 10:20	07/28/22 08:00
40248901003	MW-05-30	Water	07/26/22 12:15	07/28/22 08:00
40248901004	MW-08-27	Water	07/26/22 14:10	07/28/22 08:00
40248901005	MW-06-60	Water	07/26/22 16:10	07/28/22 08:00
40248901006	DUP07262022	Water	07/26/22 00:00	07/28/22 08:00
40248901007	MW-15-32	Water	07/26/22 16:25	07/28/22 08:00
40248901008	MW-04-29	Water	07/26/22 16:25	07/28/22 08:00
40248901009	MW-11-32	Water	07/26/22 17:30	07/28/22 08:00
40248901010	MW-01-63	Water	07/27/22 13:05	07/28/22 08:00
40248901011	MW-02-25	Water	07/25/22 10:45	07/28/22 08:00
40248901012	MW-02-55	Water	07/25/22 11:55	07/28/22 08:00
40248901013	MW-09-60	Water	07/25/22 13:25	07/28/22 08:00
40248901014	MW-09-33	Water	07/25/22 15:55	07/28/22 08:00
40248901015	MW-07-60	Water	07/25/22 15:55	07/28/22 08:00
40248901016	MW-03-25	Water	07/25/22 17:05	07/28/22 08:00
40248901017	MW-07-32	Water	07/25/22 18:05	07/28/22 08:00
40248901018	DUP07252022	Water	07/25/22 00:00	07/28/22 08:00
40248901019	MW-16-29	Water	07/26/22 09:40	07/28/22 08:00
40248901020	MW-12-31	Water	07/26/22 11:10	07/28/22 08:00
40248901021	MW-14-31	Water	07/26/22 13:55	07/28/22 08:00
40248901022	MW-06-32	Water	07/26/22 17:10	07/28/22 08:00
40248901023	MW-17-20	Water	07/27/22 09:30	07/28/22 08:00
40248901024	MW-01-32	Water	07/27/22 11:10	07/28/22 08:00
40248901025	DUP07272022	Water	07/27/22 00:00	07/28/22 08:00
40248901026	EB220727A	Water	07/27/22 14:40	07/28/22 08:00
40248901027	EB220727B	Water	07/27/22 14:40	07/28/22 08:00
40248901028	MW-10-32	Water	07/27/22 11:00	07/28/22 08:00
40248901029	TRIP BLANK	Water	07/27/22 00:00	07/28/22 08:00

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

SAMPLE ANALYTE COUNT

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40248901001	**MW-05-60**	EPA 8260	LAP	16	PASI-G
40248901002	**MW-13-33**	EPA 8260	LAP	16	PASI-G
40248901003	**MW-05-30**	EPA 8260	LAP	16	PASI-G
40248901004	**MW-08-27**	EPA 8260	LAP	16	PASI-G
40248901005	**MW-06-60**	EPA 8260	LAP	16	PASI-G
40248901006	**DUP07262022**	EPA 8260	LAP	16	PASI-G
40248901007	**MW-15-32**	EPA 8260	LAP	16	PASI-G
40248901008	**MW-04-29**	EPA 8260	LAP	16	PASI-G
40248901009	**MW-11-32**	EPA 8260	LAP	16	PASI-G
40248901010	**MW-01-63**	EPA 8260	LAP	16	PASI-G
40248901011	**MW-02-25**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901012	**MW-02-55**	EPA 8260	LAP	16	PASI-G
40248901013	**MW-09-60**	EPA 8260	LAP	16	PASI-G
40248901014	**MW-09-33**	EPA 8260	LAP	16	PASI-G
40248901015	**MW-07-60**	EPA 8260	LAP	16	PASI-G
40248901016	**MW-03-25**	EPA 8260	LAP	16	PASI-G
40248901017	**MW-07-32**	EPA 8260	LAP	16	PASI-G
40248901018	**DUP07252022**	EPA 8260	LAP	16	PASI-G
40248901019	**MW-16-29**	EPA 8260	LAP	16	PASI-G
40248901020	**MW-12-31**	EPA 8260	LAP	16	PASI-G
40248901021	**MW-14-31**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901022	**MW-06-32**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA

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SAMPLE ANALYTE COUNT

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901023	**MW-17-20**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901024	**MW-01-32**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901025	**DUP07272022**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901026	**EB220727A**	EPA 8260	LAP	16	PASI-G
40248901027	**EB220727B**	EPA 8260	LAP	16	PASI-G
40248901028	**MW-10-32**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	16	PASI-G

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SAMPLE ANALYTE COUNT

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901029	**TRIP BLANK**	EPA 8260	LAP	16	PASI-G

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

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-05-60 **Lab ID: 40248901001** Collected: 07/26/22 11:35 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:13	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 13:13	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 13:13	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:13	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 13:13	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:13	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:13	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:13	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 13:13	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:13	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 13:13	75-01-4	M1
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 13:13	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/03/22 13:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/03/22 13:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/22 13:13	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-13-33 **Lab ID: 40248901002** Collected: 07/26/22 10:20 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:33	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 13:33	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 13:33	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:33	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 13:33	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:33	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:33	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 13:33	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 13:33	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 13:33	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/03/22 13:33	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		08/03/22 13:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		08/03/22 13:33	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-05-30 **Lab ID: 40248901003** Collected: 07/26/22 12:15 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.6**	ug/L	1.0	0.30	1		08/03/22 13:53	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 13:53	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 13:53	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:53	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 13:53	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:53	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:53	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:53	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 13:53	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:53	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 13:53	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 13:53	1330-20-7	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/03/22 13:53	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		08/03/22 13:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		08/03/22 13:53	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-08-27 **Lab ID: 40248901004** Collected: 07/26/22 14:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:12	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 14:12	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 14:12	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:12	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 14:12	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:12	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:12	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 14:12	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 14:12	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 14:12	1330-20-7	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		08/03/22 14:12	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		08/03/22 14:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		08/03/22 14:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-60 **Lab ID: 40248901005** Collected: 07/26/22 16:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:32	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 14:32	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 14:32	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:32	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 14:32	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:32	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:32	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:32	108-88-3	
Trichloroethene	**19.7**	ug/L	1.0	0.32	1		08/03/22 14:32	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:32	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 14:32	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 14:32	1330-20-7	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/03/22 14:32	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		08/03/22 14:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		08/03/22 14:32	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07262022 **Lab ID: 40248901006** Collected: 07/26/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.0**	ug/L	1.0	0.30	1		08/03/22 14:52	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 14:52	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 14:52	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:52	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 14:52	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:52	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:52	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:52	108-88-3	
Trichloroethene	**3.3**	ug/L	1.0	0.32	1		08/03/22 14:52	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:52	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 14:52	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 14:52	1330-20-7	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		08/03/22 14:52	2037-26-5	
4-Bromofluorobenzene (S)	87	%	70-130		1		08/03/22 14:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		08/03/22 14:52	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-15-32 **Lab ID: 40248901007** Collected: 07/26/22 16:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:12	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 15:12	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 15:12	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:12	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 15:12	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:12	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:12	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 15:12	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 15:12	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 15:12	1330-20-7	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		08/03/22 15:12	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		08/03/22 15:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		08/03/22 15:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-04-29 **Lab ID: 40248901008** Collected: 07/26/22 16:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:31	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 15:31	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 15:31	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:31	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 15:31	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:31	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:31	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:31	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 15:31	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:31	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 15:31	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 15:31	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/03/22 15:31	2037-26-5	HS
4-Bromofluorobenzene (S)	91	%	70-130		1		08/03/22 15:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		08/03/22 15:31	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-11-32 **Lab ID: 40248901009** Collected: 07/26/22 17:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**2.1**	ug/L	1.0	0.30	1		08/03/22 15:51	71-43-2	
Cyclohexane	**4.8J**	ug/L	5.0	1.3	1		08/03/22 15:51	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 15:51	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:51	100-41-4	L1
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 15:51	110-54-3	
Methylcyclohexane	**1.7J**	ug/L	5.0	1.2	1		08/03/22 15:51	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:51	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 15:51	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:51	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 15:51	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/03/22 15:51	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/03/22 15:51	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		08/03/22 15:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		08/03/22 15:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-63 **Lab ID: 40248901010** Collected: 07/27/22 13:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:51	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 11:51	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 11:51	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 11:51	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 11:51	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:51	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 11:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 11:51	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 11:51	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 11:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:51	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 11:51	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 11:51	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 11:51	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/29/22 11:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 11:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-25 **Lab ID: 40248901011** Collected: 07/25/22 10:45 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**30**	ug/L	5.0	2.0	1		08/05/22 18:51	74-82-8	
Ethane	**0.17J**	ug/L	1.0	0.17	1		08/05/22 18:51	74-84-0	
Ethene	**0.40J**	ug/L	1.0	0.24	1		08/05/22 18:51	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**58100**	ug/L	18000	2540	20		08/05/22 08:56	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:06	7439-89-6	
Manganese	**14.6**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:06	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		08/03/22 15:55	7439-89-6	
Manganese, Dissolved	**1.2J**	ug/L	5.0	1.1	1		08/03/22 15:55	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:08	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 12:08	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 12:08	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:08	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 12:08	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:08	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:08	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:08	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 12:08	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:08	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 12:08	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 12:08	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 12:08	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 12:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/29/22 12:08	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**4.1**	mg/L	2.0	0.44	1		08/03/22 21:13	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-25 **Lab ID: 40248901011** Collected: 07/25/22 10:45 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**488**	mg/L	50.0	14.9	2		08/08/22 11:13		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.26**	mg/L	0.25	0.059	1		08/08/22 14:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-55 **Lab ID: 40248901012** Collected: 07/25/22 11:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:26	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 12:26	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 12:26	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:26	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 12:26	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:26	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:26	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:26	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 12:26	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:26	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 12:26	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 12:26	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 12:26	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 12:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/29/22 12:26	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-09-60 **Lab ID: 40248901013** Collected: 07/25/22 13:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:37	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 15:37	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:37	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:37	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 15:37	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:37	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:37	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:37	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:37	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:37	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:37	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 15:37	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 15:37	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 15:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 15:37	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-09-33 **Lab ID: 40248901014** Collected: 07/25/22 15:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:43	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 12:43	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 12:43	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:43	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 12:43	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:43	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:43	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 12:43	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:43	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 12:43	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 12:43	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 12:43	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/29/22 12:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/29/22 12:43	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-07-60 **Lab ID: 40248901015** Collected: 07/25/22 15:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:01	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:01	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:01	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:01	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:01	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:01	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:01	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:01	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:01	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:01	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:01	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 13:01	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 13:01	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		07/29/22 13:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 13:01	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-03-25 **Lab ID: 40248901016** Collected: 07/25/22 17:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:18	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:18	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:18	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:18	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:18	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:18	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:18	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:18	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:18	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:18	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:18	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 13:18	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 13:18	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/29/22 13:18	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-07-32 **Lab ID: 40248901017** Collected: 07/25/22 18:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:35	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:35	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:35	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:35	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:35	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:35	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:35	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:35	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:35	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:35	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:35	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 13:35	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 13:35	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 13:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 13:35	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07252022 **Lab ID: 40248901018** Collected: 07/25/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:54	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 15:54	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:54	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:54	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 15:54	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:54	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:54	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:54	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:54	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:54	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:54	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 15:54	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 15:54	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 15:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 15:54	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-16-29 **Lab ID: 40248901019** Collected: 07/26/22 09:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:53	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:53	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:53	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:53	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:53	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:53	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:53	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:53	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:53	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:53	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:53	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 13:53	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 13:53	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 13:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/29/22 13:53	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-12-31 **Lab ID: 40248901020** Collected: 07/26/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/01/22 11:22	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/01/22 11:22	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/01/22 11:22	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/01/22 11:22	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/01/22 11:22	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/01/22 11:22	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/22 11:22	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/01/22 11:22	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/01/22 11:22	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/01/22 11:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/01/22 11:22	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/01/22 11:22	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		08/01/22 11:22	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/01/22 11:22	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/01/22 11:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		08/01/22 11:22	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-14-31 **Lab ID: 40248901021** Collected: 07/26/22 13:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**160**	ug/L	5.0	2.0	1		08/05/22 19:02	74-82-8	
Ethane	**1.4**	ug/L	1.0	0.17	1		08/05/22 19:02	74-84-0	
Ethene	**0.53J**	ug/L	1.0	0.24	1		08/05/22 19:02	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**123000**	ug/L	18000	2540	20		08/05/22 09:02	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4350**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:11	7439-89-6	
Manganese	**859**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:11	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**3940**	ug/L	100	29.6	1		08/03/22 16:00	7439-89-6	
Manganese, Dissolved	**848**	ug/L	5.0	1.1	1		08/03/22 16:00	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**84.5**	ug/L	1.0	0.30	1		07/29/22 14:27	71-43-2	
Cyclohexane	**54.3**	ug/L	5.0	1.3	1		07/29/22 14:27	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 14:27	156-59-2	
Ethylbenzene	**0.34J**	ug/L	1.0	0.33	1		07/29/22 14:27	100-41-4	
n-Hexane	**13.0**	ug/L	5.0	1.5	1		07/29/22 14:27	110-54-3	
Methylcyclohexane	**23.2**	ug/L	5.0	1.2	1		07/29/22 14:27	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 14:27	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 14:27	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 14:27	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 14:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:27	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 14:27	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 14:27	1330-20-7	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/29/22 14:27	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/29/22 14:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/29/22 14:27	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**0.91J**	mg/L	2.0	0.44	1		08/03/22 21:28	14808-79-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-14-31 **Lab ID: 40248901021** Collected: 07/26/22 13:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**569**	mg/L	50.0	14.9	2		08/08/22 11:14		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		08/08/22 14:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-32 **Lab ID: 40248901022** Collected: 07/26/22 17:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**3.1J**	ug/L	5.0	2.0	1		08/05/22 19:14	74-82-8	
Ethane	**0.66J**	ug/L	1.0	0.17	1		08/05/22 19:14	74-84-0	
Ethene	**0.66J**	ug/L	1.0	0.24	1		08/05/22 19:14	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**107000**	ug/L	18000	2540	20		08/05/22 09:15	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:13	7439-89-6	
Manganese	**37.2**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:13	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		08/03/22 16:03	7439-89-6	
Manganese, Dissolved	**35.4**	ug/L	5.0	1.1	1		08/03/22 16:03	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.86J**	ug/L	1.0	0.30	1		07/29/22 14:44	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 14:44	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 14:44	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 14:44	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 14:44	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 14:44	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 14:44	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 14:44	108-88-3	
Trichloroethene	**2.7**	ug/L	1.0	0.32	1		07/29/22 14:44	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 14:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:44	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 14:44	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 14:44	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 14:44	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 14:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 14:44	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**24.4**	mg/L	2.0	0.44	1		08/03/22 21:42	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-32 **Lab ID: 40248901022** Collected: 07/26/22 17:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**562**	mg/L	125	37.2	5		08/08/22 11:15		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.6**	mg/L	0.25	0.059	1		08/08/22 14:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-17-20 **Lab ID: 40248901023** Collected: 07/27/22 09:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**<2.0**	ug/L	5.0	2.0	1		08/05/22 19:25	74-82-8	
Ethane	**0.76J**	ug/L	1.0	0.17	1		08/05/22 19:25	74-84-0	
Ethene	**0.88J**	ug/L	1.0	0.24	1		08/05/22 19:25	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**43000**	ug/L	18000	2540	20		08/05/22 09:20	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:16	7439-89-6	
Manganese	**3.0J**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:16	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		08/03/22 16:05	7439-89-6	
Manganese, Dissolved	**3.1J**	ug/L	5.0	1.1	1		08/03/22 16:05	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:02	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 15:02	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:02	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:02	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 15:02	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:02	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:02	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:02	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:02	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:02	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:02	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 15:02	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 15:02	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/29/22 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 15:02	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**3.7**	mg/L	2.0	0.44	1		08/03/22 21:57	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-17-20 **Lab ID: 40248901023** Collected: 07/27/22 09:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**393**	mg/L	25.0	7.4	1		08/08/22 11:25		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.70**	mg/L	0.25	0.059	1		08/08/22 14:07		

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-32 **Lab ID: 40248901024** Collected: 07/27/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**130**	ug/L	5.0	2.0	1		08/05/22 19:36	74-82-8	
Ethane	**1.1**	ug/L	1.0	0.17	1		08/05/22 19:36	74-84-0	
Ethene	**1.0**	ug/L	1.0	0.24	1		08/05/22 19:36	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**54100**	ug/L	18000	2540	20		08/05/22 09:25	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7100**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 18:56	7439-89-6	
Manganese	**104**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 18:56	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**7090**	ug/L	100	29.6	1		08/03/22 15:48	7439-89-6	
Manganese, Dissolved	**106**	ug/L	5.0	1.1	1		08/03/22 15:48	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**15300**	ug/L	125	36.9	125		07/29/22 16:46	71-43-2	
Cyclohexane	**636**	ug/L	625	161	125		07/29/22 16:46	110-82-7	
cis-1,2-Dichloroethene	**<58.9**	ug/L	125	58.9	125		07/29/22 16:46	156-59-2	
Ethylbenzene	**<40.6**	ug/L	125	40.6	125		07/29/22 16:46	100-41-4	
n-Hexane	**1210**	ug/L	625	183	125		07/29/22 16:46	110-54-3	
Methylcyclohexane	**<149**	ug/L	625	149	125		07/29/22 16:46	108-87-2	
Tetrachloroethene	**<51.1**	ug/L	125	51.1	125		07/29/22 16:46	127-18-4	
Toluene	**647**	ug/L	125	36.0	125		07/29/22 16:46	108-88-3	
Trichloroethene	**<40.0**	ug/L	125	40.0	125		07/29/22 16:46	79-01-6	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		07/29/22 16:46	95-63-6	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		07/29/22 16:46	108-67-8	
Vinyl chloride	**<21.8**	ug/L	125	21.8	125		07/29/22 16:46	75-01-4	
Xylene (Total)	**<131**	ug/L	375	131	125		07/29/22 16:46	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		125		07/29/22 16:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		125		07/29/22 16:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		125		07/29/22 16:46	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		08/03/22 22:12	14808-79-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-32 **Lab ID: 40248901024** Collected: 07/27/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**522**	mg/L	125	37.2	5		08/08/22 11:26		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		08/08/22 14:07		M0

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07272022 **Lab ID: 40248901025** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**190**	ug/L	5.0	2.0	1		08/05/22 19:48	74-82-8	
Ethane	**1.5**	ug/L	1.0	0.17	1		08/05/22 19:48	74-84-0	
Ethene	**2.0**	ug/L	1.0	0.24	1		08/05/22 19:48	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**60900**	ug/L	18000	2540	20		08/05/22 09:36	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7730**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:23	7439-89-6	
Manganese	**110**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:23	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**6970**	ug/L	100	29.6	1		08/03/22 16:13	7439-89-6	
Manganese, Dissolved	**108**	ug/L	5.0	1.1	1		08/03/22 16:13	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**16600**	ug/L	125	36.9	125		07/29/22 17:03	71-43-2	
Cyclohexane	**587J**	ug/L	625	161	125		07/29/22 17:03	110-82-7	
cis-1,2-Dichloroethene	**<58.9**	ug/L	125	58.9	125		07/29/22 17:03	156-59-2	
Ethylbenzene	**89.6J**	ug/L	125	40.6	125		07/29/22 17:03	100-41-4	
n-Hexane	**1190**	ug/L	625	183	125		07/29/22 17:03	110-54-3	
Methylcyclohexane	**<149**	ug/L	625	149	125		07/29/22 17:03	108-87-2	
Tetrachloroethene	**<51.1**	ug/L	125	51.1	125		07/29/22 17:03	127-18-4	
Toluene	**4810**	ug/L	125	36.0	125		07/29/22 17:03	108-88-3	
Trichloroethene	**<40.0**	ug/L	125	40.0	125		07/29/22 17:03	79-01-6	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		07/29/22 17:03	95-63-6	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		07/29/22 17:03	108-67-8	
Vinyl chloride	**<21.8**	ug/L	125	21.8	125		07/29/22 17:03	75-01-4	
Xylene (Total)	**<131**	ug/L	375	131	125		07/29/22 17:03	1330-20-7	
Surrogates									
Toluene-d8 (S)	103	%	70-130		125		07/29/22 17:03	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		125		07/29/22 17:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		125		07/29/22 17:03	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		08/03/22 23:41	14808-79-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07272022 **Lab ID: 40248901025** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**483**	mg/L	25.0	7.4	1		08/08/22 11:29		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		08/08/22 14:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: EB220727A **Lab ID: 40248901026** Collected: 07/27/22 14:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:12	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 16:12	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 16:12	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 16:12	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 16:12	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 16:12	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 16:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 16:12	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 16:12	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 16:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 16:12	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 16:12	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 16:12	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 16:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/29/22 16:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: EB220727B **Lab ID: 40248901027** Collected: 07/27/22 14:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:29	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 16:29	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 16:29	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 16:29	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 16:29	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 16:29	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 16:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 16:29	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 16:29	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 16:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:29	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 16:29	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 16:29	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 16:29	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/29/22 16:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/29/22 16:29	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-10-32 **Lab ID: 40248901028** Collected: 07/27/22 11:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**54**	ug/L	5.0	2.0	1		08/05/22 19:59	74-82-8	
Ethane	**1.7**	ug/L	1.0	0.17	1		08/05/22 19:59	74-84-0	
Ethene	**0.99J**	ug/L	1.0	0.24	1		08/05/22 19:59	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**114000**	ug/L	9000	1270	10		08/05/22 10:15	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1680**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:26	7439-89-6	
Manganese	**534**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:26	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**1530**	ug/L	100	29.6	1		08/03/22 16:15	7439-89-6	
Manganese, Dissolved	**536**	ug/L	5.0	1.1	1		08/03/22 16:15	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**22.1**	ug/L	1.0	0.30	1		07/29/22 15:19	71-43-2	
Cyclohexane	**18.8**	ug/L	5.0	1.3	1		07/29/22 15:19	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:19	156-59-2	
Ethylbenzene	**0.91J**	ug/L	1.0	0.33	1		07/29/22 15:19	100-41-4	
n-Hexane	**18.4**	ug/L	5.0	1.5	1		07/29/22 15:19	110-54-3	
Methylcyclohexane	**11.5**	ug/L	5.0	1.2	1		07/29/22 15:19	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:19	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:19	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:19	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:19	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:19	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 15:19	1330-20-7	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/29/22 15:19	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/29/22 15:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/29/22 15:19	2199-69-1	
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**8.7**	mg/L	2.0	0.44	1		08/03/22 23:56	14808-79-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-10-32 **Lab ID: 40248901028** Collected: 07/27/22 11:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**453**	mg/L	25.0	7.4	1		08/08/22 11:33		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.12J**	mg/L	0.25	0.059	1		08/08/22 14:10		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: TRIP BLANK **Lab ID: 40248901029** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:33	71-43-2	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 11:33	110-82-7	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 11:33	156-59-2	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 11:33	100-41-4	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 11:33	110-54-3	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:33	108-87-2	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 11:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 11:33	108-88-3	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 11:33	79-01-6	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 11:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 11:33	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		07/29/22 11:33	1330-20-7	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 11:33	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 11:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 11:33	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 746953 | Analysis Method: RSK-175
QC Batch Method: RSK-175 | Analysis Description: Biodegradation Indicator Gases
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2379930 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<2.0	5.0	08/05/22 16:13	
Ethane	ug/L	<0.17	1.0	08/05/22 16:13	
Ethene	ug/L	0.25J	1.0	08/05/22 16:13	B0

LABORATORY CONTROL SAMPLE & LCSD: 2379931 2379932

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	380	420	400	109	105	70-130	4	30	
Ethane	ug/L	97	110	100	109	106	70-130	3	30	
Ethene	ug/L	120	130	130	110	107	70-130	3	30	

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 746864 | Analysis Method: RSK-175
QC Batch Method: RSK-175 | Analysis Description: EPA RSK 175 CO2
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2379423 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<127	900	08/05/22 08:45	

LABORATORY CONTROL SAMPLE & LCSD: 2379424 2379425

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon dioxide	ug/L	8700	7660	7370	88	85	38-147	4	40	

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422523 | Analysis Method: EPA 6010D
QC Batch Method: EPA 6010D | Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2433571 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	08/03/22 15:43	
Manganese, Dissolved	ug/L	<1.1	5.0	08/03/22 15:43	

LABORATORY CONTROL SAMPLE: 2433572

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	9800	98	80-120	
Manganese, Dissolved	ug/L	250	262	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2433574 2433575

Parameter	Units	40248901024 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	7090	10000	10000	16500	16600	94	95	75-125	1	20	
Manganese, Dissolved	ug/L	106	250	250	359	360	101	101	75-125	0	20	

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422081
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2431172 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	08/01/22 18:47	
Manganese	ug/L	<1.5	5.0	08/01/22 18:47	

LABORATORY CONTROL SAMPLE: 2431173

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9810	98	80-120	
Manganese	ug/L	250	250	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2431174 2431175

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	7100	10000	10000	17200	16900	101	98	75-125	2	20	
Manganese	ug/L	104	250	250	359	354	102	100	75-125	1	20	

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422061
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901010, 40248901011, 40248901012, 40248901013, 40248901014, 40248901015, 40248901016, 40248901017, 40248901018, 40248901019, 40248901020, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901026, 40248901027, 40248901028, 40248901029

METHOD BLANK: 2430973
Matrix: Water
Associated Lab Samples: 40248901010, 40248901011, 40248901012, 40248901013, 40248901014, 40248901015, 40248901016, 40248901017, 40248901018, 40248901019, 40248901020, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901026, 40248901027, 40248901028, 40248901029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/29/22 08:40	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/29/22 08:40	
Benzene	ug/L	<0.30	1.0	07/29/22 08:40	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/29/22 08:40	
Cyclohexane	ug/L	<1.3	5.0	07/29/22 08:40	
Ethylbenzene	ug/L	<0.33	1.0	07/29/22 08:40	
Methylcyclohexane	ug/L	<1.2	5.0	07/29/22 08:40	
n-Hexane	ug/L	<1.5	5.0	07/29/22 08:40	
Tetrachloroethene	ug/L	<0.41	1.0	07/29/22 08:40	
Toluene	ug/L	<0.29	1.0	07/29/22 08:40	
Trichloroethene	ug/L	<0.32	1.0	07/29/22 08:40	
Vinyl chloride	ug/L	<0.17	1.0	07/29/22 08:40	
Xylene (Total)	ug/L	<1.0	3.0	07/29/22 08:40	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	07/29/22 08:40	
4-Bromofluorobenzene (S)	%	106	70-130	07/29/22 08:40	
Toluene-d8 (S)	%	104	70-130	07/29/22 08:40	

LABORATORY CONTROL SAMPLE: 2430974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.5	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	42.2	84	70-130	
Cyclohexane	ug/L	50	48.7	97	50-150	
Ethylbenzene	ug/L	50	46.4	93	80-120	
Methylcyclohexane	ug/L	50	47.6	95	50-150	
Tetrachloroethene	ug/L	50	43.9	88	70-130	
Toluene	ug/L	50	46.5	93	80-120	
Trichloroethene	ug/L	50	44.7	89	70-130	
Vinyl chloride	ug/L	50	54.9	110	63-134	
Xylene (Total)	ug/L	150	133	89	70-130	
1,2-Dichlorobenzene-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			103	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2430975 2430976

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	15300	6250	6250	22200	21600	110	101	70-130	3	20	
cis-1,2-Dichloroethene	ug/L	<58.9	6250	6250	5280	5000	84	80	70-130	5	20	
Cyclohexane	ug/L	636	6250	6250	6560	6400	95	92	50-150	2	20	
Ethylbenzene	ug/L	<40.6	6250	6250	5860	5600	94	90	80-121	5	20	
Methylcyclohexane	ug/L	<149	6250	6250	5840	5570	91	87	50-150	5	20	
Tetrachloroethene	ug/L	<51.1	6250	6250	5350	5200	86	83	70-130	3	20	
Toluene	ug/L	647	6250	6250	6640	6360	96	91	80-120	4	20	
Trichloroethene	ug/L	<40.0	6250	6250	5470	5360	88	86	70-130	2	20	
Vinyl chloride	ug/L	<21.8	6250	6250	5110	5010	82	80	60-137	2	20	
Xylene (Total)	ug/L	<131	18800	18800	16600	15700	89	84	70-130	5	20	
1,2-Dichlorobenzene-d4 (S)	%						95	94	70-130			
4-Bromofluorobenzene (S)	%						107	108	70-130			
Toluene-d8 (S)	%						105	104	70-130			

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422228
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901001, 40248901002, 40248901003, 40248901004, 40248901005, 40248901006, 40248901007, 40248901008, 40248901009

METHOD BLANK: 2432422 Matrix: Water
Associated Lab Samples: 40248901001, 40248901002, 40248901003, 40248901004, 40248901005, 40248901006, 40248901007, 40248901008, 40248901009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/03/22 09:15	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/03/22 09:15	
Benzene	ug/L	<0.30	1.0	08/03/22 09:15	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/03/22 09:15	
Cyclohexane	ug/L	<1.3	5.0	08/03/22 09:15	
Ethylbenzene	ug/L	<0.33	1.0	08/03/22 09:15	
Methylcyclohexane	ug/L	<1.2	5.0	08/03/22 09:15	
n-Hexane	ug/L	<1.5	5.0	08/03/22 09:15	
Tetrachloroethene	ug/L	<0.41	1.0	08/03/22 09:15	
Toluene	ug/L	<0.29	1.0	08/03/22 09:15	
Trichloroethene	ug/L	<0.32	1.0	08/03/22 09:15	
Vinyl chloride	ug/L	<0.17	1.0	08/03/22 09:15	
Xylene (Total)	ug/L	<1.0	3.0	08/03/22 09:15	
1,2-Dichlorobenzene-d4 (S)	%	112	70-130	08/03/22 09:15	
4-Bromofluorobenzene (S)	%	97	70-130	08/03/22 09:15	
Toluene-d8 (S)	%	107	70-130	08/03/22 09:15	

LABORATORY CONTROL SAMPLE: 2432423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.0	106	70-130	
cis-1,2-Dichloroethene	ug/L	50	46.4	93	70-130	
Cyclohexane	ug/L	50	47.4	95	50-150	
Ethylbenzene	ug/L	50	60.4	121	80-120	L1
Methylcyclohexane	ug/L	50	49.8	100	50-150	
Tetrachloroethene	ug/L	50	51.7	103	70-130	
Toluene	ug/L	50	57.3	115	80-120	
Trichloroethene	ug/L	50	50.2	100	70-130	
Vinyl chloride	ug/L	50	41.6	83	63-134	
Xylene (Total)	ug/L	150	189	126	70-130	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			106	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2433738 2433739

Parameter	Units	40248901001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.30	50	50	51.5	54.9	103	110	70-130	6	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	49.6	50.7	99	101	70-130	2	20	
Cyclohexane	ug/L	<1.3	50	50	51.1	52.3	102	105	50-150	2	20	
Ethylbenzene	ug/L	<0.33	50	50	55.3	56.0	111	112	80-121	1	20	
Methylcyclohexane	ug/L	<1.2	50	50	46.2	50.7	92	101	50-150	9	20	
Tetrachloroethene	ug/L	<0.41	50	50	48.6	49.5	97	99	70-130	2	20	
Toluene	ug/L	<0.29	50	50	55.7	54.5	111	109	80-120	2	20	
Trichloroethene	ug/L	<0.32	50	50	44.1	51.9	88	104	70-130	16	20	
Vinyl chloride	ug/L	<0.17	50	50	62.7	69.3	125	139	60-137	10	20	M1
Xylene (Total)	ug/L	<1.0	150	150	170	168	113	112	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						96	97	70-130			
4-Bromofluorobenzene (S)	%						94	91	70-130			
Toluene-d8 (S)	%						102	103	70-130			

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422297 | 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: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2432573 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	08/03/22 16:14	

LABORATORY CONTROL SAMPLE: 2432574

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2432575 2432576

Parameter	Units	40248862001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	45.1	400	400	493	526	112	120	90-110	6	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2432577 2432578

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<0.44	20	20	22.1	22.1	109	109	90-110	0	15	

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422846
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901011, 40248901021, 40248901022

METHOD BLANK: 2435704 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/08/22 10:46	

LABORATORY CONTROL SAMPLE: 2435705

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435706 2435707

Parameter	Units	40248902011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	1980	1000	1000	2640	2640	66	66	90-110	0	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435708 2435709

Parameter	Units	40248901022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	562	500	500	1080	1060	104	99	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

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422847 | 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: 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2435710 Matrix: Water
Associated Lab Samples: 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/08/22 11:21	

LABORATORY CONTROL SAMPLE: 2435711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	101	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435712 2435713

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	522	500	500	1030	1020	102	100	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

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422879 — 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: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2435812 — Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	08/08/22 13:50	

LABORATORY CONTROL SAMPLE: 2435813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.3	91	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435814 2435815

Parameter	Units	40248773003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	16.1	12.5	12.5	27.8	28.2	94	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435816 2435817

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.2	2.2	87	89	90-110	2	20	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

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(920)469-2436

QUALIFIERS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

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

B0	Analyte was detected in an associated blank at a concentration greater than the MDL.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40248901011	**MW-02-25**	RSK-175	746953		
40248901021	**MW-14-31**	RSK-175	746953		
40248901022	**MW-06-32**	RSK-175	746953		
40248901023	**MW-17-20**	RSK-175	746953		
40248901024	**MW-01-32**	RSK-175	746953		
40248901025	**DUP07272022**	RSK-175	746953		
40248901028	**MW-10-32**	RSK-175	746953		
40248901011	**MW-02-25**	RSK-175	746864		
40248901021	**MW-14-31**	RSK-175	746864		
40248901022	**MW-06-32**	RSK-175	746864		
40248901023	**MW-17-20**	RSK-175	746864		
40248901024	**MW-01-32**	RSK-175	746864		
40248901025	**DUP07272022**	RSK-175	746864		
40248901028	**MW-10-32**	RSK-175	746864		
40248901011	**MW-02-25**	EPA 3010A	422081	EPA 6010D	422221
40248901021	**MW-14-31**	EPA 3010A	422081	EPA 6010D	422221
40248901022	**MW-06-32**	EPA 3010A	422081	EPA 6010D	422221
40248901023	**MW-17-20**	EPA 3010A	422081	EPA 6010D	422221
40248901024	**MW-01-32**	EPA 3010A	422081	EPA 6010D	422221
40248901025	**DUP07272022**	EPA 3010A	422081	EPA 6010D	422221
40248901028	**MW-10-32**	EPA 3010A	422081	EPA 6010D	422221
40248901011	**MW-02-25**	EPA 6010D	422523		
40248901021	**MW-14-31**	EPA 6010D	422523		
40248901022	**MW-06-32**	EPA 6010D	422523		
40248901023	**MW-17-20**	EPA 6010D	422523		
40248901024	**MW-01-32**	EPA 6010D	422523		
40248901025	**DUP07272022**	EPA 6010D	422523		
40248901028	**MW-10-32**	EPA 6010D	422523		
40248901001	**MW-05-60**	EPA 8260	422228		
40248901002	**MW-13-33**	EPA 8260	422228		
40248901003	**MW-05-30**	EPA 8260	422228		
40248901004	**MW-08-27**	EPA 8260	422228		
40248901005	**MW-06-60**	EPA 8260	422228		
40248901006	**DUP07262022**	EPA 8260	422228		
40248901007	**MW-15-32**	EPA 8260	422228		
40248901008	**MW-04-29**	EPA 8260	422228		
40248901009	**MW-11-32**	EPA 8260	422228		
40248901010	**MW-01-63**	EPA 8260	422061		
40248901011	**MW-02-25**	EPA 8260	422061		
40248901012	**MW-02-55**	EPA 8260	422061		
40248901013	**MW-09-60**	EPA 8260	422061		
40248901014	**MW-09-33**	EPA 8260	422061		
40248901015	**MW-07-60**	EPA 8260	422061		
40248901016	**MW-03-25**	EPA 8260	422061		
40248901017	**MW-07-32**	EPA 8260	422061		
40248901018	**DUP07252022**	EPA 8260	422061		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40248901019	**MW-16-29**	EPA 8260	422061		
40248901020	**MW-12-31**	EPA 8260	422061		
40248901021	**MW-14-31**	EPA 8260	422061		
40248901022	**MW-06-32**	EPA 8260	422061		
40248901023	**MW-17-20**	EPA 8260	422061		
40248901024	**MW-01-32**	EPA 8260	422061		
40248901025	**DUP07272022**	EPA 8260	422061		
40248901026	**EB220727A**	EPA 8260	422061		
40248901027	**EB220727B**	EPA 8260	422061		
40248901028	**MW-10-32**	EPA 8260	422061		
40248901029	**TRIP BLANK**	EPA 8260	422061		
40248901011	**MW-02-25**	EPA 300.0	422297		
40248901021	**MW-14-31**	EPA 300.0	422297		
40248901022	**MW-06-32**	EPA 300.0	422297		
40248901023	**MW-17-20**	EPA 300.0	422297		
40248901024	**MW-01-32**	EPA 300.0	422297		
40248901025	**DUP07272022**	EPA 300.0	422297		
40248901028	**MW-10-32**	EPA 300.0	422297		
40248901011	**MW-02-25**	EPA 310.2	422846		
40248901021	**MW-14-31**	EPA 310.2	422846		
40248901022	**MW-06-32**	EPA 310.2	422846		
40248901023	**MW-17-20**	EPA 310.2	422847		
40248901024	**MW-01-32**	EPA 310.2	422847		
40248901025	**DUP07272022**	EPA 310.2	422847		
40248901028	**MW-10-32**	EPA 310.2	422847		
40248901011	**MW-02-25**	EPA 353.2	422879		
40248901021	**MW-14-31**	EPA 353.2	422879		
40248901022	**MW-06-32**	EPA 353.2	422879		
40248901023	**MW-17-20**	EPA 353.2	422879		
40248901024	**MW-01-32**	EPA 353.2	422879		
40248901025	**DUP07272022**	EPA 353.2	422879		
40248901028	**MW-10-32**	EPA 353.2	422879		

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40248901

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP	Billing Information: tim.Huff@WSP.com
Address: 5957 McKee Rd, Madison, WI	
Report To: Tim.Huff@WSP.com	Email To:
Copy To: Timothy.Grady@WSP.com	Site Collection Info/Address:
Customer Project Name/Number: 340967.705B	State: WI County/City: Dane/Madison Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email: 715-574-9018	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): TMS/JDL/TMG	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [X] 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 [X] No Analysis:

Container Preservative Type **: 3 3

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOC special List	Lab Profile/Line
MW-05-60	GW	G	072622	1135				3	X	001
MW-13-33			072622	1020				3	X	002
MW-05-30			072622	1215				3	X	003
MW-05-77			072622	1410				3	X	004
MW-06-60			072622	1610				3	X	005
DUP072622022			072622	~~0000~~				3	X	006
MW-15-32			072622	1625				3	X	007
MW-04-29			072622	1625				3	X	008
MW-11-32			572622	1730				3	X	009
MW-01-63			072722	1305				3	X	010

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2825843

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: 0.1 oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/27/22 1700		
	7/28/22 0800		7/28/22 0800

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

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40248901

ALL SHADED AREAS are for LAB USE ONLY

Company: SEE PAGE 1	Billing Information:
Address:	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number:	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 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:

Container Preservative Type **: 3 3 U 1 1 U 2

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC special list	Methane, Ethane, Ethene by RSK 175	Carbon Dioxide by RSK 175	Metals Dissolved (field filtered)	Metals total Fe/Mn	Alkalinity	Nitrate & Nitrite by 353.2				Lab Sample # / Comments
MW-02-25	GW	G	072522	1045				13	X	X	X	X	X	X	X				011
MW-02-55			072522	1155				3	X										012
MW-09-55			072522	1325				3	X										013
MW-09-33			072522	1555				3	X										014
MW-07-60			072522	1555				3	X										015
MW-03-25			072522	1705				3	X										016
MW-07-32			072522	1805				3	X										017
DUP072522022			072522	0000				3	X										018
MW-16-29			072622	0940				3	X										019
MW-12-31			072622	1110				3	X										020

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2825844

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/27/22 1700		
	Date/Time:	Received by/Company: (Signature)	Date/Time:
	7/28/22 0800		7/28/22 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): YES / NO

Page: 2 of: 3

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40248901

ALL SHADED AREAS are for LAB USE ONLY

Company: SEE PAGE 1

Billing Information:

Address:

Report To:

Email To:

Copy To:

Site Collection Info/Address:

Customer Project Name/Number:

State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print):

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature): [signature]

Turnaround Date Required:

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: ______

Container Preservative Type **: 3 | 3 | U | 1 | 1 | U | 2

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

Lab Project Manager:

* 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)

Analyses: VOC Special List; Methane, Ethane, Ethene by RSK 175; Carbon Dioxide by RSK 175; Metals dissolved Fe/Mn (Field Filt); Metals total Fe/Mn; Alkalinity; Nitrate+Nitrite by 353.2

Customer Sample ID	Matrix *	Comp / Grab	Collected Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC Special List	Methane, Ethane, Ethene by RSK 175	Carbon Dioxide by RSK 175	Metals dissolved Fe/Mn (Field Filt)	Metals total Fe/Mn	Alkalinity	Nitrate+Nitrite by 353.2	Lab Sample #	Comments
MW-14-31	GW	G	072622	1355				13	X	X	X	X	X	X	X	021	
MW-06-32	GW	G	072622	1710				13	X	X	X	X	X	X	X	022	
MW-17-20	GW	G	072722	0930				13	X	X	X	X	X	X	X	023	
MW-01-32	GW	G	072722	1100				16	X	X	X	X	X	X	X	024	16 total Ctns - (3-40ml VOC MS/MSD)
DUP072722	GW	G	072722	0000				13	X	X	X	X	X	X	X	025	
EB220727A	GW	G	072722	1440				3	X							026	
EB220727B	W	G	072722	1440				3	X							027	
MW-10-32	GW	G	072722	1100				13	X	X	X	X	X	X	X	028	
Trip Blank								4	X							029	

Lab Profile/Line:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

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

Packing Material Used:

Lab Tracking #: 2825842

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

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] /WSP	07/27/22 1700		
C S Dougherty [signature]	7/28/22 0800	[signature] Pace	7/28/22 0800

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: 3 of: 3

Sample Preservation Receipt Form

Client Name: WSP Project #: 40248901

	Glass								Plastic					Vials						Jars				General									
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
021										1		2	1			3	9	←6									3	X			X		2.5 / 5 / 10
022										1		2	1			3	9	←6										X			X		2.5 / 5 / 10
023										1		2	1			3	9	←6										X			X		2.5 / 5 / 10
024										1		2	1			4	12	←8										X			X		2.5 / 5 / 10
025										1		2	1			3	9	←6	KR 7/28/22									X			X		2.5 / 5 / 10
026																	3																2.5 / 5 / 10
027																	3																2.5 / 5 / 10
028										1		2	1			3	9	←6										X			X		2.5 / 5 / 10
029																	4																2.5 / 5 / 10
																																	2.5 / 5 / 10
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7/28/22 SN

Page 2 of 3

Sample Preservation Receipt Form

Client Name: WSP Project # 40248901

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

Lab Lot# of pH paper: 10D3111 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN						
001																	3															2.5 / 5 / 10
002																	3															2.5 / 5 / 10
003																	3															2.5 / 5 / 10
004																	3															2.5 / 5 / 10
005																	3															2.5 / 5 / 10
006																	3															2.5 / 5 / 10
007																	3															2.5 / 5 / 10
008																	3										3						2.5 / 5 / 10
009																	3															2.5 / 5 / 10
010																	3															2.5 / 5 / 10
011																3	X+6										2						2.5 / 5 / 10
012																	3															2.5 / 5 / 10
013																	3															2.5 / 5 / 10
014																	3										3						2.5 / 5 / 10
015																	3															2.5 / 5 / 10
016																	3										1						2.5 / 5 / 10
017																	3															2.5 / 5 / 10
018																	3															2.5 / 5 / 10
019																	3										3						2.5 / 5 / 10
020																	3															2.5 / 5 / 10

LR 7/28/22

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	VG9A	40 mL clear ascorbic	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
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Client Name: WSP

Project #: **WO#: 40248901**

40248901

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 ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 5.5 /Corr: 1.1

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

Person examining contents: Date: 7/28/22 /Initials: SK

Labeled By Initials:

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

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. +2CC 7/28/22 SK
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11. Per PM/COC has No checked 7/28/22 SK
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☐No ☒N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 486		

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 login

Page 3 of 3

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

August 17, 2022

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

RE: Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on July 28, 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: Matt Grady, WSP USA - MADISON
Cal Johnson, WSP USA - MADISON

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

CERTIFICATIONS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

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
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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

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

SAMPLE SUMMARY

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40248901001	MW-05-60	Water	07/26/22 11:35	07/28/22 08:00
40248901002	MW-13-33	Water	07/26/22 10:20	07/28/22 08:00
40248901003	MW-05-30	Water	07/26/22 12:15	07/28/22 08:00
40248901004	MW-08-27	Water	07/26/22 14:10	07/28/22 08:00
40248901005	MW-06-60	Water	07/26/22 16:10	07/28/22 08:00
40248901006	DUP07262022	Water	07/26/22 00:00	07/28/22 08:00
40248901007	MW-15-32	Water	07/26/22 16:25	07/28/22 08:00
40248901008	MW-04-29	Water	07/26/22 16:25	07/28/22 08:00
40248901009	MW-11-32	Water	07/26/22 17:30	07/28/22 08:00
40248901010	MW-01-63	Water	07/27/22 13:05	07/28/22 08:00
40248901011	MW-02-25	Water	07/25/22 10:45	07/28/22 08:00
40248901012	MW-02-55	Water	07/25/22 11:55	07/28/22 08:00
40248901013	MW-09-60	Water	07/25/22 13:25	07/28/22 08:00
40248901014	MW-09-33	Water	07/25/22 15:55	07/28/22 08:00
40248901015	MW-07-60	Water	07/25/22 15:55	07/28/22 08:00
40248901016	MW-03-25	Water	07/25/22 17:05	07/28/22 08:00
40248901017	MW-07-32	Water	07/25/22 18:05	07/28/22 08:00
40248901018	DUP07252022	Water	07/25/22 00:00	07/28/22 08:00
40248901019	MW-16-29	Water	07/26/22 09:40	07/28/22 08:00
40248901020	MW-12-31	Water	07/26/22 11:10	07/28/22 08:00
40248901021	MW-14-31	Water	07/26/22 13:55	07/28/22 08:00
40248901022	MW-06-32	Water	07/26/22 17:10	07/28/22 08:00
40248901023	MW-17-20	Water	07/27/22 09:30	07/28/22 08:00
40248901024	MW-01-32	Water	07/27/22 11:10	07/28/22 08:00
40248901025	DUP07272022	Water	07/27/22 00:00	07/28/22 08:00
40248901026	EB220727A	Water	07/27/22 14:40	07/28/22 08:00
40248901027	EB220727B	Water	07/27/22 14:40	07/28/22 08:00
40248901028	MW-10-32	Water	07/27/22 11:00	07/28/22 08:00
40248901029	TRIP BLANK	Water	07/27/22 00:00	07/28/22 08:00

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

SAMPLE ANALYTE COUNT

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40248901001	**MW-05-60**	EPA 8260	LAP	68	PASI-G
40248901002	**MW-13-33**	EPA 8260	LAP	68	PASI-G
40248901003	**MW-05-30**	EPA 8260	LAP	68	PASI-G
40248901004	**MW-08-27**	EPA 8260	LAP	68	PASI-G
40248901005	**MW-06-60**	EPA 8260	LAP	68	PASI-G
40248901006	**DUP07262022**	EPA 8260	LAP	68	PASI-G
40248901007	**MW-15-32**	EPA 8260	LAP	68	PASI-G
40248901008	**MW-04-29**	EPA 8260	LAP	68	PASI-G
40248901009	**MW-11-32**	EPA 8260	LAP	68	PASI-G
40248901010	**MW-01-63**	EPA 8260	LAP	68	PASI-G
40248901011	**MW-02-25**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901012	**MW-02-55**	EPA 8260	LAP	68	PASI-G
40248901013	**MW-09-60**	EPA 8260	LAP	68	PASI-G
40248901014	**MW-09-33**	EPA 8260	LAP	68	PASI-G
40248901015	**MW-07-60**	EPA 8260	LAP	68	PASI-G
40248901016	**MW-03-25**	EPA 8260	LAP	68	PASI-G
40248901017	**MW-07-32**	EPA 8260	LAP	68	PASI-G
40248901018	**DUP07252022**	EPA 8260	LAP	68	PASI-G
40248901019	**MW-16-29**	EPA 8260	LAP	68	PASI-G
40248901020	**MW-12-31**	EPA 8260	LAP	68	PASI-G
40248901021	**MW-14-31**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901022	**MW-06-32**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA

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

SAMPLE ANALYTE COUNT

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901023	**MW-17-20**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901024	**MW-01-32**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901025	**DUP07272022**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901026	**EB220727A**	EPA 8260	LAP	68	PASI-G
40248901027	**EB220727B**	EPA 8260	LAP	68	PASI-G
40248901028	**MW-10-32**	RSK-175	AWE	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	TXW	2	PASI-G
		EPA 6010D	TXW	2	PASI-G
		EPA 8260	LAP	68	PASI-G

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40248901029	**TRIP BLANK**	EPA 8260	LAP	68	PASI-G

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

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-05-60 **Lab ID: 40248901001** Collected: 07/26/22 11:35 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:13	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:13	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 13:13	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:13	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 13:13	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:13	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 13:13	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:13	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 13:13	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 13:13	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 13:13	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 13:13	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:13	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 13:13	74-87-3	M1
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 13:13	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 13:13	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 13:13	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 13:13	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 13:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 13:13	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 13:13	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:13	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:13	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 13:13	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 13:13	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:13	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:13	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 13:13	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 13:13	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 13:13	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:13	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:13	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 13:13	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:13	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:13	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 13:13	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:13	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:13	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 13:13	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 13:13	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 13:13	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:13	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:13	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:13	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 13:13	75-09-2	M1

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-05-60 **Lab ID: 40248901001** Collected: 07/26/22 11:35 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:13	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:13	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:13	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 13:13	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:13	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:13	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:13	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 13:13	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:13	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 13:13	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 13:13	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:13	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 13:13	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:13	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 13:13	75-01-4	M1
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 13:13	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:13	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/03/22 13:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/03/22 13:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		08/03/22 13:13	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-13-33 **Lab ID: 40248901002** Collected: 07/26/22 10:20 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 13:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:33	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 13:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:33	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 13:33	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 13:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 13:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 13:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 13:33	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:33	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 13:33	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 13:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 13:33	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 13:33	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 13:33	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 13:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 13:33	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 13:33	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:33	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:33	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 13:33	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 13:33	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:33	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:33	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 13:33	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 13:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 13:33	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:33	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:33	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 13:33	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:33	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:33	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 13:33	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:33	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 13:33	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 13:33	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 13:33	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:33	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:33	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:33	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 13:33	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-13-33 **Lab ID: 40248901002** Collected: 07/26/22 10:20 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:33	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:33	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:33	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 13:33	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:33	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:33	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 13:33	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 13:33	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 13:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:33	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 13:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 13:33	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 13:33	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:33	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/03/22 13:33	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		08/03/22 13:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		08/03/22 13:33	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-05-30 **Lab ID: 40248901003** Collected: 07/26/22 12:15 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.6**	ug/L	1.0	0.30	1		08/03/22 13:53	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:53	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 13:53	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:53	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 13:53	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:53	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 13:53	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:53	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 13:53	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 13:53	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 13:53	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 13:53	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:53	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 13:53	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 13:53	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 13:53	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 13:53	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 13:53	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 13:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 13:53	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 13:53	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:53	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:53	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 13:53	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 13:53	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:53	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:53	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 13:53	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 13:53	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 13:53	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:53	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:53	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 13:53	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:53	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:53	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 13:53	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:53	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 13:53	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 13:53	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 13:53	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 13:53	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:53	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:53	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 13:53	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 13:53	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-05-30 **Lab ID: 40248901003** Collected: 07/26/22 12:15 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:53	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 13:53	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:53	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 13:53	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 13:53	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 13:53	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 13:53	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 13:53	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 13:53	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 13:53	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 13:53	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 13:53	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 13:53	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 13:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 13:53	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 13:53	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 13:53	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 13:53	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/03/22 13:53	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		08/03/22 13:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		08/03/22 13:53	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-08-27 **Lab ID: 40248901004** Collected: 07/26/22 14:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 14:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:12	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 14:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:12	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 14:12	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 14:12	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 14:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 14:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 14:12	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:12	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 14:12	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 14:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 14:12	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 14:12	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 14:12	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 14:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 14:12	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 14:12	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:12	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:12	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 14:12	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 14:12	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:12	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:12	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 14:12	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 14:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 14:12	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:12	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:12	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 14:12	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:12	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:12	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 14:12	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:12	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 14:12	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 14:12	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 14:12	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:12	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:12	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:12	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 14:12	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-08-27 **Lab ID: 40248901004** Collected: 07/26/22 14:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:12	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:12	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:12	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 14:12	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:12	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 14:12	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 14:12	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 14:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:12	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 14:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 14:12	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 14:12	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:12	95-47-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		08/03/22 14:12	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		08/03/22 14:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		08/03/22 14:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-60 **Lab ID: 40248901005** Collected: 07/26/22 16:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:32	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:32	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 14:32	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:32	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 14:32	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:32	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 14:32	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:32	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 14:32	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 14:32	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 14:32	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 14:32	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:32	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 14:32	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 14:32	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 14:32	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 14:32	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 14:32	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 14:32	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 14:32	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 14:32	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:32	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:32	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 14:32	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 14:32	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:32	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:32	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 14:32	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 14:32	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 14:32	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:32	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:32	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 14:32	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:32	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:32	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 14:32	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:32	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:32	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 14:32	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 14:32	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 14:32	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:32	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:32	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:32	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 14:32	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-60 **Lab ID: 40248901005** Collected: 07/26/22 16:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:32	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:32	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:32	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:32	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:32	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 14:32	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:32	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:32	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:32	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 14:32	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:32	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 14:32	79-00-5	
Trichloroethene	**19.7**	ug/L	1.0	0.32	1		08/03/22 14:32	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:32	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 14:32	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:32	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:32	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 14:32	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 14:32	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:32	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/03/22 14:32	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		08/03/22 14:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		08/03/22 14:32	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07262022 **Lab ID: 40248901006** Collected: 07/26/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**1.0**	ug/L	1.0	0.30	1		08/03/22 14:52	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:52	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 14:52	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:52	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 14:52	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:52	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 14:52	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:52	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 14:52	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 14:52	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 14:52	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 14:52	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:52	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 14:52	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 14:52	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 14:52	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 14:52	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 14:52	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 14:52	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 14:52	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 14:52	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:52	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:52	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 14:52	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 14:52	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:52	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:52	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 14:52	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 14:52	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 14:52	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:52	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:52	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 14:52	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:52	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:52	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 14:52	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:52	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 14:52	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 14:52	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 14:52	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 14:52	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:52	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:52	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 14:52	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 14:52	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07262022 **Lab ID: 40248901006** Collected: 07/26/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:52	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 14:52	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:52	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:52	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:52	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 14:52	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 14:52	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 14:52	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 14:52	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 14:52	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 14:52	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 14:52	79-00-5	
Trichloroethene	**3.3**	ug/L	1.0	0.32	1		08/03/22 14:52	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 14:52	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 14:52	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 14:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 14:52	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 14:52	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 14:52	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 14:52	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		08/03/22 14:52	2037-26-5	
4-Bromofluorobenzene (S)	87	%	70-130		1		08/03/22 14:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		08/03/22 14:52	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-15-32 **Lab ID: 40248901007** Collected: 07/26/22 16:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 15:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:12	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 15:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:12	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 15:12	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 15:12	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 15:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 15:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 15:12	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:12	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 15:12	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 15:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 15:12	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 15:12	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 15:12	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 15:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 15:12	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 15:12	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:12	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:12	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 15:12	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 15:12	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:12	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:12	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 15:12	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 15:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 15:12	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:12	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:12	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 15:12	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:12	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:12	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 15:12	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:12	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 15:12	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 15:12	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 15:12	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:12	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:12	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:12	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 15:12	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-15-32 **Lab ID: 40248901007** Collected: 07/26/22 16:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:12	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:12	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:12	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 15:12	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:12	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 15:12	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 15:12	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 15:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:12	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 15:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 15:12	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 15:12	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:12	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		08/03/22 15:12	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		08/03/22 15:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		08/03/22 15:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-04-29 **Lab ID: 40248901008** Collected: 07/26/22 16:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:31	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:31	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 15:31	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:31	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 15:31	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:31	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 15:31	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:31	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 15:31	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 15:31	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 15:31	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 15:31	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:31	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 15:31	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 15:31	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 15:31	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/03/22 15:31	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 15:31	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 15:31	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 15:31	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 15:31	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:31	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:31	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 15:31	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 15:31	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:31	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:31	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 15:31	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 15:31	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 15:31	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:31	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:31	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 15:31	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:31	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:31	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 15:31	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:31	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:31	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 15:31	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 15:31	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 15:31	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:31	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:31	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:31	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 15:31	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-04-29 **Lab ID: 40248901008** Collected: 07/26/22 16:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:31	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:31	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:31	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:31	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 15:31	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:31	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:31	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:31	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 15:31	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:31	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 15:31	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 15:31	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:31	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 15:31	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:31	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 15:31	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 15:31	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:31	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/03/22 15:31	2037-26-5	HS
4-Bromofluorobenzene (S)	91	%	70-130		1		08/03/22 15:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	107	%	70-130		1		08/03/22 15:31	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-11-32 **Lab ID: 40248901009** Collected: 07/26/22 17:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**2.1**	ug/L	1.0	0.30	1		08/03/22 15:51	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/03/22 15:51	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:51	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/03/22 15:51	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:51	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 15:51	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:51	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/03/22 15:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/03/22 15:51	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/03/22 15:51	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/03/22 15:51	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/03/22 15:51	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 15:51	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 15:51	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/03/22 15:51	106-43-4	
Cyclohexane	**4.8J**	ug/L	5.0	1.3	1		08/03/22 15:51	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/03/22 15:51	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/03/22 15:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/03/22 15:51	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/03/22 15:51	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:51	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:51	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/03/22 15:51	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/03/22 15:51	75-71-8	L2
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:51	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:51	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/03/22 15:51	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/03/22 15:51	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/03/22 15:51	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:51	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:51	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/03/22 15:51	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:51	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:51	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/03/22 15:51	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:51	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/03/22 15:51	100-41-4	L1
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/03/22 15:51	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/03/22 15:51	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/03/22 15:51	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:51	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:51	99-87-6	
Methylcyclohexane	**1.7J**	ug/L	5.0	1.2	1		08/03/22 15:51	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/03/22 15:51	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-11-32 **Lab ID: 40248901009** Collected: 07/26/22 17:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:51	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/03/22 15:51	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:51	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/03/22 15:51	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/03/22 15:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/03/22 15:51	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/03/22 15:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/03/22 15:51	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/03/22 15:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/03/22 15:51	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/03/22 15:51	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/03/22 15:51	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/03/22 15:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/03/22 15:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/03/22 15:51	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/03/22 15:51	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/03/22 15:51	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/03/22 15:51	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/03/22 15:51	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		08/03/22 15:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	70-130		1		08/03/22 15:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-63 **Lab ID: 40248901010** Collected: 07/27/22 13:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:51	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:51	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 11:51	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 11:51	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 11:51	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:51	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 11:51	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 11:51	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 11:51	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 11:51	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 11:51	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 11:51	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:51	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 11:51	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 11:51	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 11:51	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 11:51	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 11:51	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 11:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 11:51	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 11:51	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 11:51	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 11:51	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 11:51	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 11:51	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:51	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 11:51	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 11:51	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 11:51	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 11:51	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 11:51	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:51	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 11:51	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 11:51	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:51	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 11:51	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 11:51	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 11:51	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 11:51	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 11:51	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 11:51	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 11:51	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 11:51	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:51	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 11:51	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-63 **Lab ID: 40248901010** Collected: 07/27/22 13:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 11:51	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 11:51	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 11:51	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:51	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 11:51	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 11:51	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 11:51	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 11:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 11:51	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:51	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 11:51	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 11:51	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 11:51	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 11:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 11:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:51	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 11:51	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 11:51	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 11:51	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 11:51	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/29/22 11:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 11:51	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-25 **Lab ID: 40248901011** Collected: 07/25/22 10:45 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**30**	ug/L	5.0	2.0	1		08/05/22 18:51	74-82-8	
Ethane	**0.17J**	ug/L	1.0	0.17	1		08/05/22 18:51	74-84-0	
Ethene	**0.40J**	ug/L	1.0	0.24	1		08/05/22 18:51	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**58100**	ug/L	18000	2540	20		08/05/22 08:56	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:06	7439-89-6	
Manganese	**14.6**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:06	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		08/03/22 15:55	7439-89-6	
Manganese, Dissolved	**1.2J**	ug/L	5.0	1.1	1		08/03/22 15:55	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:08	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:08	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 12:08	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:08	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 12:08	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:08	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 12:08	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:08	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 12:08	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 12:08	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 12:08	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 12:08	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:08	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 12:08	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 12:08	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 12:08	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 12:08	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 12:08	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 12:08	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 12:08	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 12:08	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:08	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:08	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 12:08	106-46-7	

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-25 **Lab ID: 40248901011** Collected: 07/25/22 10:45 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 12:08	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:08	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:08	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 12:08	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 12:08	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 12:08	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:08	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:08	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 12:08	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:08	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:08	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 12:08	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:08	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:08	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 12:08	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 12:08	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 12:08	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:08	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:08	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:08	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 12:08	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:08	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:08	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:08	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:08	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:08	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 12:08	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:08	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:08	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:08	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 12:08	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:08	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 12:08	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 12:08	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:08	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 12:08	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:08	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:08	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 12:08	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 12:08	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:08	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 12:08	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 12:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/29/22 12:08	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-25 **Lab ID: 40248901011** Collected: 07/25/22 10:45 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**4.1**	mg/L	2.0	0.44	1		08/03/22 21:13	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**488**	mg/L	50.0	14.9	2		08/08/22 11:13		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.26**	mg/L	0.25	0.059	1		08/08/22 14:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-55 **Lab ID: 40248901012** Collected: 07/25/22 11:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:26	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:26	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 12:26	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:26	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 12:26	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:26	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 12:26	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:26	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 12:26	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 12:26	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 12:26	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 12:26	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:26	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 12:26	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 12:26	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 12:26	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 12:26	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 12:26	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 12:26	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 12:26	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 12:26	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:26	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:26	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 12:26	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 12:26	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:26	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:26	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 12:26	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 12:26	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 12:26	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:26	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:26	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 12:26	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:26	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:26	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 12:26	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:26	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:26	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 12:26	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 12:26	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 12:26	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:26	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:26	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:26	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 12:26	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-02-55 **Lab ID: 40248901012** Collected: 07/25/22 11:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:26	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:26	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:26	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:26	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:26	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 12:26	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:26	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:26	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:26	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 12:26	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:26	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 12:26	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 12:26	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:26	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 12:26	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:26	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:26	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 12:26	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 12:26	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:26	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 12:26	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 12:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/29/22 12:26	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-09-60 **Lab ID: 40248901013** Collected: 07/25/22 13:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:37	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 15:37	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:37	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 15:37	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:37	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:37	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:37	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 15:37	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 15:37	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:37	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 15:37	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:37	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:37	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:37	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:37	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 15:37	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 15:37	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 15:37	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 15:37	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 15:37	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:37	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:37	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 15:37	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 15:37	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:37	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:37	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 15:37	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:37	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 15:37	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:37	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:37	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 15:37	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:37	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:37	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 15:37	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:37	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:37	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:37	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 15:37	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 15:37	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:37	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:37	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:37	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 15:37	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-09-60 **Lab ID: 40248901013** Collected: 07/25/22 13:25 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:37	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:37	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:37	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 15:37	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:37	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:37	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:37	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 15:37	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:37	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 15:37	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:37	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:37	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 15:37	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:37	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:37	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:37	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 15:37	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:37	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 15:37	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 15:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 15:37	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-09-33 **Lab ID: 40248901014** Collected: 07/25/22 15:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:43	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 12:43	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:43	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 12:43	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:43	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 12:43	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:43	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 12:43	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 12:43	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 12:43	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 12:43	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:43	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 12:43	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 12:43	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 12:43	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 12:43	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 12:43	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 12:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 12:43	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 12:43	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:43	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:43	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 12:43	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 12:43	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:43	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:43	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 12:43	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 12:43	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 12:43	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:43	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:43	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 12:43	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:43	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:43	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 12:43	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:43	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 12:43	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 12:43	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 12:43	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 12:43	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:43	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:43	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 12:43	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 12:43	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-09-33 **Lab ID: 40248901014** Collected: 07/25/22 15:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:43	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 12:43	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:43	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:43	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 12:43	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 12:43	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 12:43	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 12:43	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 12:43	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 12:43	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 12:43	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 12:43	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 12:43	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 12:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 12:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 12:43	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 12:43	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 12:43	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 12:43	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 12:43	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/29/22 12:43	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		07/29/22 12:43	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-07-60 **Lab ID: 40248901015** Collected: 07/25/22 15:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:01	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:01	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 13:01	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:01	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 13:01	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:01	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:01	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:01	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 13:01	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 13:01	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:01	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 13:01	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:01	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:01	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:01	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:01	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:01	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 13:01	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 13:01	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 13:01	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 13:01	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:01	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:01	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 13:01	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 13:01	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:01	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:01	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 13:01	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:01	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 13:01	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:01	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:01	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 13:01	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:01	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:01	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 13:01	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:01	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:01	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:01	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 13:01	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:01	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:01	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:01	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:01	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 13:01	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-07-60 **Lab ID: 40248901015** Collected: 07/25/22 15:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:01	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:01	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:01	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:01	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:01	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 13:01	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:01	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:01	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:01	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 13:01	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:01	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 13:01	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:01	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:01	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 13:01	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:01	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:01	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:01	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 13:01	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:01	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 13:01	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		07/29/22 13:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 13:01	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-03-25 **Lab ID: 40248901016** Collected: 07/25/22 17:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:18	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 13:18	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:18	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 13:18	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:18	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:18	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:18	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 13:18	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 13:18	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:18	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 13:18	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:18	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:18	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:18	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:18	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:18	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 13:18	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 13:18	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 13:18	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 13:18	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:18	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:18	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 13:18	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 13:18	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:18	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:18	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 13:18	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:18	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 13:18	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:18	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:18	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 13:18	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:18	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:18	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 13:18	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:18	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:18	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:18	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 13:18	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:18	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:18	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:18	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:18	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 13:18	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-03-25 **Lab ID: 40248901016** Collected: 07/25/22 17:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:18	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:18	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:18	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:18	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:18	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 13:18	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:18	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:18	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:18	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 13:18	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:18	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 13:18	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:18	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:18	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 13:18	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:18	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:18	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:18	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 13:18	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:18	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 13:18	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/29/22 13:18	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-07-32 **Lab ID: 40248901017** Collected: 07/25/22 18:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:35	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:35	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 13:35	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:35	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 13:35	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:35	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:35	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:35	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 13:35	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 13:35	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:35	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 13:35	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:35	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:35	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:35	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:35	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:35	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 13:35	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 13:35	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 13:35	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 13:35	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:35	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:35	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 13:35	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 13:35	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:35	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:35	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 13:35	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:35	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 13:35	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:35	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:35	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 13:35	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:35	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:35	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 13:35	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:35	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:35	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:35	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 13:35	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:35	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:35	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:35	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:35	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 13:35	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-07-32 **Lab ID: 40248901017** Collected: 07/25/22 18:05 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:35	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:35	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:35	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:35	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 13:35	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:35	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:35	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:35	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 13:35	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:35	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 13:35	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:35	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:35	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 13:35	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:35	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:35	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 13:35	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:35	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 13:35	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 13:35	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 13:35	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07252022 **Lab ID: 40248901018** Collected: 07/25/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:54	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:54	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 15:54	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:54	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 15:54	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:54	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:54	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:54	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 15:54	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 15:54	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:54	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 15:54	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:54	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:54	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:54	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:54	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 15:54	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 15:54	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 15:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 15:54	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 15:54	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:54	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:54	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 15:54	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 15:54	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:54	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:54	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 15:54	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:54	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 15:54	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:54	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:54	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 15:54	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:54	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:54	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 15:54	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:54	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:54	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:54	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 15:54	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 15:54	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:54	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:54	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:54	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 15:54	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07252022 **Lab ID: 40248901018** Collected: 07/25/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:54	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:54	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:54	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:54	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 15:54	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:54	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:54	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:54	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 15:54	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:54	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 15:54	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:54	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:54	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 15:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:54	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:54	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 15:54	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:54	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 15:54	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 15:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 15:54	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-16-29 **Lab ID: 40248901019** Collected: 07/26/22 09:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:53	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:53	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 13:53	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:53	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 13:53	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:53	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:53	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:53	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 13:53	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 13:53	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 13:53	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 13:53	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:53	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:53	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:53	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 13:53	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 13:53	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 13:53	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 13:53	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 13:53	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 13:53	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:53	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:53	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 13:53	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 13:53	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:53	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:53	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 13:53	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 13:53	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 13:53	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:53	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:53	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 13:53	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:53	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:53	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 13:53	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:53	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 13:53	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 13:53	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 13:53	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 13:53	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:53	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:53	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 13:53	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 13:53	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-16-29 **Lab ID: 40248901019** Collected: 07/26/22 09:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:53	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 13:53	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:53	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:53	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:53	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 13:53	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 13:53	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 13:53	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 13:53	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 13:53	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 13:53	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 13:53	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 13:53	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 13:53	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 13:53	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 13:53	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 13:53	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 13:53	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 13:53	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 13:53	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 13:53	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 13:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/29/22 13:53	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-12-31 **Lab ID: 40248901020** Collected: 07/26/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		08/01/22 11:22	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		08/01/22 11:22	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		08/01/22 11:22	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		08/01/22 11:22	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		08/01/22 11:22	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		08/01/22 11:22	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		08/01/22 11:22	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		08/01/22 11:22	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		08/01/22 11:22	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		08/01/22 11:22	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		08/01/22 11:22	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		08/01/22 11:22	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		08/01/22 11:22	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		08/01/22 11:22	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/01/22 11:22	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		08/01/22 11:22	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		08/01/22 11:22	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		08/01/22 11:22	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		08/01/22 11:22	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		08/01/22 11:22	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		08/01/22 11:22	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		08/01/22 11:22	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		08/01/22 11:22	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		08/01/22 11:22	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		08/01/22 11:22	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/01/22 11:22	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		08/01/22 11:22	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		08/01/22 11:22	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		08/01/22 11:22	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		08/01/22 11:22	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		08/01/22 11:22	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		08/01/22 11:22	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		08/01/22 11:22	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		08/01/22 11:22	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		08/01/22 11:22	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		08/01/22 11:22	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		08/01/22 11:22	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		08/01/22 11:22	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		08/01/22 11:22	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		08/01/22 11:22	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		08/01/22 11:22	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		08/01/22 11:22	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		08/01/22 11:22	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		08/01/22 11:22	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		08/01/22 11:22	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-12-31 **Lab ID: 40248901020** Collected: 07/26/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		08/01/22 11:22	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		08/01/22 11:22	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		08/01/22 11:22	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		08/01/22 11:22	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		08/01/22 11:22	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		08/01/22 11:22	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		08/01/22 11:22	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		08/01/22 11:22	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		08/01/22 11:22	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		08/01/22 11:22	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		08/01/22 11:22	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		08/01/22 11:22	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		08/01/22 11:22	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		08/01/22 11:22	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		08/01/22 11:22	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		08/01/22 11:22	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		08/01/22 11:22	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		08/01/22 11:22	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		08/01/22 11:22	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		08/01/22 11:22	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/01/22 11:22	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/01/22 11:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		08/01/22 11:22	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-14-31 **Lab ID: 40248901021** Collected: 07/26/22 13:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**160**	ug/L	5.0	2.0	1		08/05/22 19:02	74-82-8	
Ethane	**1.4**	ug/L	1.0	0.17	1		08/05/22 19:02	74-84-0	
Ethene	**0.53J**	ug/L	1.0	0.24	1		08/05/22 19:02	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**123000**	ug/L	18000	2540	20		08/05/22 09:02	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**4350**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:11	7439-89-6	
Manganese	**859**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:11	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**3940**	ug/L	100	29.6	1		08/03/22 16:00	7439-89-6	
Manganese, Dissolved	**848**	ug/L	5.0	1.1	1		08/03/22 16:00	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**84.5**	ug/L	1.0	0.30	1		07/29/22 14:27	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:27	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 14:27	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 14:27	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 14:27	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 14:27	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 14:27	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 14:27	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 14:27	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 14:27	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 14:27	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 14:27	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 14:27	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 14:27	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 14:27	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 14:27	106-43-4	
Cyclohexane	**54.3**	ug/L	5.0	1.3	1		07/29/22 14:27	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 14:27	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 14:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 14:27	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 14:27	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 14:27	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 14:27	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 14:27	106-46-7	

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-14-31 **Lab ID: 40248901021** Collected: 07/26/22 13:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 14:27	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 14:27	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 14:27	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 14:27	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 14:27	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 14:27	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 14:27	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 14:27	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 14:27	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 14:27	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:27	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 14:27	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 14:27	108-20-3	
Ethylbenzene	**0.34J**	ug/L	1.0	0.33	1		07/29/22 14:27	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 14:27	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 14:27	87-68-3	
n-Hexane	**13.0**	ug/L	5.0	1.5	1		07/29/22 14:27	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 14:27	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 14:27	99-87-6	
Methylcyclohexane	**23.2**	ug/L	5.0	1.2	1		07/29/22 14:27	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 14:27	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 14:27	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 14:27	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 14:27	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:27	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 14:27	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 14:27	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 14:27	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 14:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 14:27	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 14:27	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 14:27	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 14:27	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 14:27	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 14:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 14:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:27	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 14:27	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 14:27	179601-23-1	
o-Xylene	**0.37J**	ug/L	1.0	0.35	1		07/29/22 14:27	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/29/22 14:27	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/29/22 14:27	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		07/29/22 14:27	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-14-31 **Lab ID: 40248901021** Collected: 07/26/22 13:55 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**0.91J**	mg/L	2.0	0.44	1		08/03/22 21:28	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**569**	mg/L	50.0	14.9	2		08/08/22 11:14		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		08/08/22 14:05		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-32 **Lab ID: 40248901022** Collected: 07/26/22 17:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**3.1J**	ug/L	5.0	2.0	1		08/05/22 19:14	74-82-8	
Ethane	**0.66J**	ug/L	1.0	0.17	1		08/05/22 19:14	74-84-0	
Ethene	**0.66J**	ug/L	1.0	0.24	1		08/05/22 19:14	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**107000**	ug/L	18000	2540	20		08/05/22 09:15	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:13	7439-89-6	
Manganese	**37.2**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:13	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		08/03/22 16:03	7439-89-6	
Manganese, Dissolved	**35.4**	ug/L	5.0	1.1	1		08/03/22 16:03	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**0.86J**	ug/L	1.0	0.30	1		07/29/22 14:44	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:44	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 14:44	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 14:44	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 14:44	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 14:44	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 14:44	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 14:44	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 14:44	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 14:44	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 14:44	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 14:44	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 14:44	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 14:44	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 14:44	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 14:44	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 14:44	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 14:44	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 14:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 14:44	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 14:44	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 14:44	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 14:44	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 14:44	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-32 **Lab ID: 40248901022** Collected: 07/26/22 17:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 14:44	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 14:44	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 14:44	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 14:44	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 14:44	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 14:44	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 14:44	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 14:44	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 14:44	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 14:44	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:44	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 14:44	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 14:44	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 14:44	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 14:44	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 14:44	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 14:44	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 14:44	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 14:44	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 14:44	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 14:44	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 14:44	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 14:44	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 14:44	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 14:44	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 14:44	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 14:44	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 14:44	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 14:44	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 14:44	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 14:44	79-00-5	
Trichloroethene	**2.7**	ug/L	1.0	0.32	1		07/29/22 14:44	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 14:44	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 14:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 14:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 14:44	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 14:44	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 14:44	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 14:44	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 14:44	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 14:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 14:44	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-06-32 **Lab ID: 40248901022** Collected: 07/26/22 17:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**24.4**	mg/L	2.0	0.44	1		08/03/22 21:42	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**562**	mg/L	125	37.2	5		08/08/22 11:15		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**1.6**	mg/L	0.25	0.059	1		08/08/22 14:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-17-20 **Lab ID: 40248901023** Collected: 07/27/22 09:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**<2.0**	ug/L	5.0	2.0	1		08/05/22 19:25	74-82-8	
Ethane	**0.76J**	ug/L	1.0	0.17	1		08/05/22 19:25	74-84-0	
Ethene	**0.88J**	ug/L	1.0	0.24	1		08/05/22 19:25	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**43000**	ug/L	18000	2540	20		08/05/22 09:20	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**<56.7**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:16	7439-89-6	
Manganese	**3.0J**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:16	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**<29.6**	ug/L	100	29.6	1		08/03/22 16:05	7439-89-6	
Manganese, Dissolved	**3.1J**	ug/L	5.0	1.1	1		08/03/22 16:05	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:02	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:02	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 15:02	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:02	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 15:02	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:02	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:02	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:02	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 15:02	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 15:02	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:02	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 15:02	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:02	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:02	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:02	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:02	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 15:02	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 15:02	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 15:02	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 15:02	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 15:02	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:02	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:02	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 15:02	106-46-7	

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-17-20 **Lab ID: 40248901023** Collected: 07/27/22 09:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 15:02	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:02	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:02	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 15:02	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:02	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 15:02	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:02	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:02	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 15:02	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:02	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:02	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 15:02	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:02	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:02	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:02	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 15:02	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 15:02	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:02	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:02	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:02	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 15:02	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:02	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:02	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:02	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:02	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 15:02	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:02	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:02	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:02	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 15:02	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:02	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 15:02	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:02	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:02	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 15:02	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:02	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:02	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:02	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 15:02	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:02	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/29/22 15:02	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/29/22 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 15:02	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-17-20 **Lab ID: 40248901023** Collected: 07/27/22 09:30 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**3.7**	mg/L	2.0	0.44	1		08/03/22 21:57	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**393**	mg/L	25.0	7.4	1		08/08/22 11:25		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.70**	mg/L	0.25	0.059	1		08/08/22 14:07		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-32 **Lab ID: 40248901024** Collected: 07/27/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**130**	ug/L	5.0	2.0	1		08/05/22 19:36	74-82-8	
Ethane	**1.1**	ug/L	1.0	0.17	1		08/05/22 19:36	74-84-0	
Ethene	**1.0**	ug/L	1.0	0.24	1		08/05/22 19:36	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**54100**	ug/L	18000	2540	20		08/05/22 09:25	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7100**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 18:56	7439-89-6	
Manganese	**104**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 18:56	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**7090**	ug/L	100	29.6	1		08/03/22 15:48	7439-89-6	
Manganese, Dissolved	**106**	ug/L	5.0	1.1	1		08/03/22 15:48	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**15300**	ug/L	125	36.9	125		07/29/22 16:46	71-43-2	
Bromobenzene	**<45.1**	ug/L	125	45.1	125		07/29/22 16:46	108-86-1	
Bromochloromethane	**<44.7**	ug/L	625	44.7	125		07/29/22 16:46	74-97-5	
Bromodichloromethane	**<51.9**	ug/L	125	51.9	125		07/29/22 16:46	75-27-4	
Bromoform	**<475**	ug/L	625	475	125		07/29/22 16:46	75-25-2	
Bromomethane	**<149**	ug/L	625	149	125		07/29/22 16:46	74-83-9	
n-Butylbenzene	**<107**	ug/L	125	107	125		07/29/22 16:46	104-51-8	
sec-Butylbenzene	**<53.0**	ug/L	125	53.0	125		07/29/22 16:46	135-98-8	
tert-Butylbenzene	**<73.3**	ug/L	125	73.3	125		07/29/22 16:46	98-06-6	
Carbon tetrachloride	**<46.2**	ug/L	125	46.2	125		07/29/22 16:46	56-23-5	
Chlorobenzene	**<107**	ug/L	125	107	125		07/29/22 16:46	108-90-7	
Chloroethane	**<172**	ug/L	625	172	125		07/29/22 16:46	75-00-3	
Chloroform	**<148**	ug/L	625	148	125		07/29/22 16:46	67-66-3	
Chloromethane	**<204**	ug/L	625	204	125		07/29/22 16:46	74-87-3	
2-Chlorotoluene	**<111**	ug/L	625	111	125		07/29/22 16:46	95-49-8	
4-Chlorotoluene	**<112**	ug/L	625	112	125		07/29/22 16:46	106-43-4	
Cyclohexane	**636**	ug/L	625	161	125		07/29/22 16:46	110-82-7	
1,2-Dibromo-3-chloropropane	**<296**	ug/L	625	296	125		07/29/22 16:46	96-12-8	
Dibromochloromethane	**<330**	ug/L	625	330	125		07/29/22 16:46	124-48-1	
1,2-Dibromoethane (EDB)	**<38.6**	ug/L	125	38.6	125		07/29/22 16:46	106-93-4	
Dibromomethane	**<124**	ug/L	625	124	125		07/29/22 16:46	74-95-3	
1,2-Dichlorobenzene	**<40.7**	ug/L	125	40.7	125		07/29/22 16:46	95-50-1	
1,3-Dichlorobenzene	**<43.9**	ug/L	125	43.9	125		07/29/22 16:46	541-73-1	
1,4-Dichlorobenzene	**<112**	ug/L	125	112	125		07/29/22 16:46	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-32 **Lab ID: 40248901024** Collected: 07/27/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<56.9**	ug/L	625	56.9	125		07/29/22 16:46	75-71-8	
1,1-Dichloroethane	**<37.0**	ug/L	125	37.0	125		07/29/22 16:46	75-34-3	
1,2-Dichloroethane	**<36.4**	ug/L	125	36.4	125		07/29/22 16:46	107-06-2	
1,1-Dichloroethene	**<72.8**	ug/L	125	72.8	125		07/29/22 16:46	75-35-4	
cis-1,2-Dichloroethene	**<58.9**	ug/L	125	58.9	125		07/29/22 16:46	156-59-2	
trans-1,2-Dichloroethene	**<66.0**	ug/L	125	66.0	125		07/29/22 16:46	156-60-5	
1,2-Dichloropropane	**<56.0**	ug/L	125	56.0	125		07/29/22 16:46	78-87-5	
1,3-Dichloropropane	**<38.1**	ug/L	125	38.1	125		07/29/22 16:46	142-28-9	
2,2-Dichloropropane	**<522**	ug/L	625	522	125		07/29/22 16:46	594-20-7	
1,1-Dichloropropene	**<51.3**	ug/L	125	51.3	125		07/29/22 16:46	563-58-6	
cis-1,3-Dichloropropene	**<44.8**	ug/L	125	44.8	125		07/29/22 16:46	10061-01-5	
trans-1,3-Dichloropropene	**<433**	ug/L	625	433	125		07/29/22 16:46	10061-02-6	
Diisopropyl ether	**<138**	ug/L	625	138	125		07/29/22 16:46	108-20-3	
Ethylbenzene	**<40.6**	ug/L	125	40.6	125		07/29/22 16:46	100-41-4	
n-Heptane	**<204**	ug/L	625	204	125		07/29/22 16:46	142-82-5	
Hexachloro-1,3-butadiene	**<342**	ug/L	625	342	125		07/29/22 16:46	87-68-3	
n-Hexane	**1210**	ug/L	625	183	125		07/29/22 16:46	110-54-3	
Isopropylbenzene (Cumene)	**<125**	ug/L	625	125	125		07/29/22 16:46	98-82-8	
p-Isopropyltoluene	**<130**	ug/L	625	130	125		07/29/22 16:46	99-87-6	
Methylcyclohexane	**<149**	ug/L	625	149	125		07/29/22 16:46	108-87-2	
Methylene Chloride	**<39.9**	ug/L	625	39.9	125		07/29/22 16:46	75-09-2	
Methyl-tert-butyl ether	**<141**	ug/L	625	141	125		07/29/22 16:46	1634-04-4	
Naphthalene	**<141**	ug/L	625	141	125		07/29/22 16:46	91-20-3	
n-Propylbenzene	**<43.2**	ug/L	125	43.2	125		07/29/22 16:46	103-65-1	
Styrene	**<44.5**	ug/L	125	44.5	125		07/29/22 16:46	100-42-5	
1,1,1,2-Tetrachloroethane	**<44.4**	ug/L	125	44.4	125		07/29/22 16:46	630-20-6	
1,1,2,2-Tetrachloroethane	**<47.2**	ug/L	125	47.2	125		07/29/22 16:46	79-34-5	
Tetrachloroethene	**<51.1**	ug/L	125	51.1	125		07/29/22 16:46	127-18-4	
Toluene	**647**	ug/L	125	36.0	125		07/29/22 16:46	108-88-3	
1,2,3-Trichlorobenzene	**<127**	ug/L	625	127	125		07/29/22 16:46	87-61-6	
1,2,4-Trichlorobenzene	**<119**	ug/L	625	119	125		07/29/22 16:46	120-82-1	
1,1,1-Trichloroethane	**<37.8**	ug/L	125	37.8	125		07/29/22 16:46	71-55-6	
1,1,2-Trichloroethane	**<43.1**	ug/L	625	43.1	125		07/29/22 16:46	79-00-5	
Trichloroethene	**<40.0**	ug/L	125	40.0	125		07/29/22 16:46	79-01-6	
Trichlorofluoromethane	**<52.3**	ug/L	125	52.3	125		07/29/22 16:46	75-69-4	
1,2,3-Trichloropropane	**<69.4**	ug/L	625	69.4	125		07/29/22 16:46	96-18-4	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		07/29/22 16:46	95-63-6	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		07/29/22 16:46	108-67-8	
Vinyl chloride	**<21.8**	ug/L	125	21.8	125		07/29/22 16:46	75-01-4	
m&p-Xylene	**<87.5**	ug/L	250	87.5	125		07/29/22 16:46	179601-23-1	
o-Xylene	**<43.5**	ug/L	125	43.5	125		07/29/22 16:46	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		125		07/29/22 16:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		125		07/29/22 16:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		125		07/29/22 16:46	2199-69-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-01-32 **Lab ID: 40248901024** Collected: 07/27/22 11:10 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		08/03/22 22:12	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**522**	mg/L	125	37.2	5		08/08/22 11:26		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		08/08/22 14:07		M0

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07272022 **Lab ID: 40248901025** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**190**	ug/L	5.0	2.0	1		08/05/22 19:48	74-82-8	
Ethane	**1.5**	ug/L	1.0	0.17	1		08/05/22 19:48	74-84-0	
Ethene	**2.0**	ug/L	1.0	0.24	1		08/05/22 19:48	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**60900**	ug/L	18000	2540	20		08/05/22 09:36	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**7730**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:23	7439-89-6	
Manganese	**110**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:23	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**6970**	ug/L	100	29.6	1		08/03/22 16:13	7439-89-6	
Manganese, Dissolved	**108**	ug/L	5.0	1.1	1		08/03/22 16:13	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**16600**	ug/L	125	36.9	125		07/29/22 17:03	71-43-2	
Bromobenzene	**<45.1**	ug/L	125	45.1	125		07/29/22 17:03	108-86-1	
Bromochloromethane	**<44.7**	ug/L	625	44.7	125		07/29/22 17:03	74-97-5	
Bromodichloromethane	**<51.9**	ug/L	125	51.9	125		07/29/22 17:03	75-27-4	
Bromoform	**<475**	ug/L	625	475	125		07/29/22 17:03	75-25-2	
Bromomethane	**<149**	ug/L	625	149	125		07/29/22 17:03	74-83-9	
n-Butylbenzene	**<107**	ug/L	125	107	125		07/29/22 17:03	104-51-8	
sec-Butylbenzene	**<53.0**	ug/L	125	53.0	125		07/29/22 17:03	135-98-8	
tert-Butylbenzene	**<73.3**	ug/L	125	73.3	125		07/29/22 17:03	98-06-6	
Carbon tetrachloride	**<46.2**	ug/L	125	46.2	125		07/29/22 17:03	56-23-5	
Chlorobenzene	**<107**	ug/L	125	107	125		07/29/22 17:03	108-90-7	
Chloroethane	**<172**	ug/L	625	172	125		07/29/22 17:03	75-00-3	
Chloroform	**<148**	ug/L	625	148	125		07/29/22 17:03	67-66-3	
Chloromethane	**<204**	ug/L	625	204	125		07/29/22 17:03	74-87-3	
2-Chlorotoluene	**<111**	ug/L	625	111	125		07/29/22 17:03	95-49-8	
4-Chlorotoluene	**<112**	ug/L	625	112	125		07/29/22 17:03	106-43-4	
Cyclohexane	**587J**	ug/L	625	161	125		07/29/22 17:03	110-82-7	
1,2-Dibromo-3-chloropropane	**<296**	ug/L	625	296	125		07/29/22 17:03	96-12-8	
Dibromochloromethane	**<330**	ug/L	625	330	125		07/29/22 17:03	124-48-1	
1,2-Dibromoethane (EDB)	**<38.6**	ug/L	125	38.6	125		07/29/22 17:03	106-93-4	
Dibromomethane	**<124**	ug/L	625	124	125		07/29/22 17:03	74-95-3	
1,2-Dichlorobenzene	**<40.7**	ug/L	125	40.7	125		07/29/22 17:03	95-50-1	
1,3-Dichlorobenzene	**<43.9**	ug/L	125	43.9	125		07/29/22 17:03	541-73-1	
1,4-Dichlorobenzene	**<112**	ug/L	125	112	125		07/29/22 17:03	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07272022 **Lab ID: 40248901025** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<56.9**	ug/L	625	56.9	125		07/29/22 17:03	75-71-8	
1,1-Dichloroethane	**<37.0**	ug/L	125	37.0	125		07/29/22 17:03	75-34-3	
1,2-Dichloroethane	**<36.4**	ug/L	125	36.4	125		07/29/22 17:03	107-06-2	
1,1-Dichloroethene	**<72.8**	ug/L	125	72.8	125		07/29/22 17:03	75-35-4	
cis-1,2-Dichloroethene	**<58.9**	ug/L	125	58.9	125		07/29/22 17:03	156-59-2	
trans-1,2-Dichloroethene	**<66.0**	ug/L	125	66.0	125		07/29/22 17:03	156-60-5	
1,2-Dichloropropane	**<56.0**	ug/L	125	56.0	125		07/29/22 17:03	78-87-5	
1,3-Dichloropropane	**<38.1**	ug/L	125	38.1	125		07/29/22 17:03	142-28-9	
2,2-Dichloropropane	**<522**	ug/L	625	522	125		07/29/22 17:03	594-20-7	
1,1-Dichloropropene	**<51.3**	ug/L	125	51.3	125		07/29/22 17:03	563-58-6	
cis-1,3-Dichloropropene	**<44.8**	ug/L	125	44.8	125		07/29/22 17:03	10061-01-5	
trans-1,3-Dichloropropene	**<433**	ug/L	625	433	125		07/29/22 17:03	10061-02-6	
Diisopropyl ether	**<138**	ug/L	625	138	125		07/29/22 17:03	108-20-3	
Ethylbenzene	**89.6J**	ug/L	125	40.6	125		07/29/22 17:03	100-41-4	
n-Heptane	**<204**	ug/L	625	204	125		07/29/22 17:03	142-82-5	
Hexachloro-1,3-butadiene	**<342**	ug/L	625	342	125		07/29/22 17:03	87-68-3	
n-Hexane	**1190**	ug/L	625	183	125		07/29/22 17:03	110-54-3	
Isopropylbenzene (Cumene)	**<125**	ug/L	625	125	125		07/29/22 17:03	98-82-8	
p-Isopropyltoluene	**<130**	ug/L	625	130	125		07/29/22 17:03	99-87-6	
Methylcyclohexane	**<149**	ug/L	625	149	125		07/29/22 17:03	108-87-2	
Methylene Chloride	**<39.9**	ug/L	625	39.9	125		07/29/22 17:03	75-09-2	
Methyl-tert-butyl ether	**<141**	ug/L	625	141	125		07/29/22 17:03	1634-04-4	
Naphthalene	**<141**	ug/L	625	141	125		07/29/22 17:03	91-20-3	
n-Propylbenzene	**<43.2**	ug/L	125	43.2	125		07/29/22 17:03	103-65-1	
Styrene	**<44.5**	ug/L	125	44.5	125		07/29/22 17:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<44.4**	ug/L	125	44.4	125		07/29/22 17:03	630-20-6	
1,1,2,2-Tetrachloroethane	**<47.2**	ug/L	125	47.2	125		07/29/22 17:03	79-34-5	
Tetrachloroethene	**<51.1**	ug/L	125	51.1	125		07/29/22 17:03	127-18-4	
Toluene	**4810**	ug/L	125	36.0	125		07/29/22 17:03	108-88-3	
1,2,3-Trichlorobenzene	**<127**	ug/L	625	127	125		07/29/22 17:03	87-61-6	
1,2,4-Trichlorobenzene	**<119**	ug/L	625	119	125		07/29/22 17:03	120-82-1	
1,1,1-Trichloroethane	**<37.8**	ug/L	125	37.8	125		07/29/22 17:03	71-55-6	
1,1,2-Trichloroethane	**<43.1**	ug/L	625	43.1	125		07/29/22 17:03	79-00-5	
Trichloroethene	**<40.0**	ug/L	125	40.0	125		07/29/22 17:03	79-01-6	
Trichlorofluoromethane	**<52.3**	ug/L	125	52.3	125		07/29/22 17:03	75-69-4	
1,2,3-Trichloropropane	**<69.4**	ug/L	625	69.4	125		07/29/22 17:03	96-18-4	
1,2,4-Trimethylbenzene	**<56.1**	ug/L	125	56.1	125		07/29/22 17:03	95-63-6	
1,3,5-Trimethylbenzene	**<44.7**	ug/L	125	44.7	125		07/29/22 17:03	108-67-8	
Vinyl chloride	**<21.8**	ug/L	125	21.8	125		07/29/22 17:03	75-01-4	
m&p-Xylene	**<87.5**	ug/L	250	87.5	125		07/29/22 17:03	179601-23-1	
o-Xylene	**58.5J**	ug/L	125	43.5	125		07/29/22 17:03	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		125		07/29/22 17:03	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		125		07/29/22 17:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		125		07/29/22 17:03	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: DUP07272022 **Lab ID: 40248901025** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**<0.44**	mg/L	2.0	0.44	1		08/03/22 23:41	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**483**	mg/L	25.0	7.4	1		08/08/22 11:29		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**<0.059**	mg/L	0.25	0.059	1		08/08/22 14:09		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: EB220727A **Lab ID: 40248901026** Collected: 07/27/22 14:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:12	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:12	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 16:12	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 16:12	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 16:12	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 16:12	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 16:12	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 16:12	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 16:12	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 16:12	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 16:12	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 16:12	75-00-3	
Chloroform	**2.3J**	ug/L	5.0	1.2	1		07/29/22 16:12	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 16:12	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 16:12	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 16:12	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 16:12	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 16:12	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 16:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 16:12	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 16:12	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 16:12	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 16:12	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 16:12	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 16:12	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:12	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 16:12	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 16:12	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 16:12	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 16:12	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 16:12	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:12	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 16:12	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 16:12	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:12	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 16:12	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 16:12	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 16:12	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 16:12	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 16:12	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 16:12	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 16:12	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 16:12	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 16:12	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 16:12	75-09-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: EB220727A **Lab ID: 40248901026** Collected: 07/27/22 14:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 16:12	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 16:12	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 16:12	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:12	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 16:12	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 16:12	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 16:12	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 16:12	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 16:12	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:12	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 16:12	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 16:12	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 16:12	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 16:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 16:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:12	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 16:12	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 16:12	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 16:12	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 16:12	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/29/22 16:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/29/22 16:12	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: EB220727B **Lab ID: 40248901027** Collected: 07/27/22 14:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:29	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:29	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 16:29	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 16:29	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 16:29	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 16:29	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 16:29	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 16:29	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 16:29	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 16:29	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 16:29	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 16:29	75-00-3	
Chloroform	**2.5J**	ug/L	5.0	1.2	1		07/29/22 16:29	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 16:29	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 16:29	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 16:29	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 16:29	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 16:29	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 16:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 16:29	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 16:29	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 16:29	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 16:29	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 16:29	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 16:29	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:29	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 16:29	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 16:29	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 16:29	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 16:29	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 16:29	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:29	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 16:29	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 16:29	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:29	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 16:29	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 16:29	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 16:29	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 16:29	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 16:29	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 16:29	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 16:29	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 16:29	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 16:29	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 16:29	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: EB220727B **Lab ID: 40248901027** Collected: 07/27/22 14:40 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 16:29	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 16:29	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 16:29	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 16:29	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 16:29	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 16:29	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 16:29	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 16:29	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 16:29	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 16:29	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 16:29	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 16:29	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 16:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 16:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 16:29	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 16:29	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 16:29	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 16:29	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		07/29/22 16:29	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/29/22 16:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		07/29/22 16:29	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-10-32 **Lab ID: 40248901028** Collected: 07/27/22 11:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	**54**	ug/L	5.0	2.0	1		08/05/22 19:59	74-82-8	
Ethane	**1.7**	ug/L	1.0	0.17	1		08/05/22 19:59	74-84-0	
Ethene	**0.99J**	ug/L	1.0	0.24	1		08/05/22 19:59	74-85-1	
EPA RSK-175	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Carbon dioxide	**114000**	ug/L	9000	1270	10		08/05/22 10:15	124-38-9	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Iron	**1680**	ug/L	100	56.7	1	07/29/22 05:47	08/01/22 19:26	7439-89-6	
Manganese	**534**	ug/L	5.0	1.5	1	07/29/22 05:47	08/01/22 19:26	7439-96-5	
6010D MET ICP, Dissolved	Analytical Method: EPA 6010D Pace Analytical Services - Green Bay								
Iron, Dissolved	**1530**	ug/L	100	29.6	1		08/03/22 16:15	7439-89-6	
Manganese, Dissolved	**536**	ug/L	5.0	1.1	1		08/03/22 16:15	7439-96-5	
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**22.1**	ug/L	1.0	0.30	1		07/29/22 15:19	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:19	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 15:19	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:19	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 15:19	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:19	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:19	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:19	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 15:19	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 15:19	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 15:19	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 15:19	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 15:19	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:19	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:19	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 15:19	106-43-4	
Cyclohexane	**18.8**	ug/L	5.0	1.3	1		07/29/22 15:19	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 15:19	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 15:19	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 15:19	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 15:19	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 15:19	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:19	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 15:19	106-46-7	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-10-32 **Lab ID: 40248901028** Collected: 07/27/22 11:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 15:19	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:19	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:19	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 15:19	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 15:19	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 15:19	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:19	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:19	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 15:19	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:19	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:19	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 15:19	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:19	108-20-3	
Ethylbenzene	**0.91J**	ug/L	1.0	0.33	1		07/29/22 15:19	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 15:19	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 15:19	87-68-3	
n-Hexane	**18.4**	ug/L	5.0	1.5	1		07/29/22 15:19	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:19	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:19	99-87-6	
Methylcyclohexane	**11.5**	ug/L	5.0	1.2	1		07/29/22 15:19	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 15:19	75-09-2	
Methyl-tert-butyl ether	**7.1**	ug/L	5.0	1.1	1		07/29/22 15:19	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 15:19	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:19	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:19	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:19	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 15:19	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 15:19	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 15:19	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 15:19	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 15:19	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 15:19	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 15:19	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 15:19	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 15:19	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 15:19	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 15:19	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 15:19	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 15:19	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 15:19	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 15:19	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/29/22 15:19	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/29/22 15:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/29/22 15:19	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: MW-10-32 **Lab ID: 40248901028** Collected: 07/27/22 11:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	**8.7**	mg/L	2.0	0.44	1		08/03/22 23:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO3	**453**	mg/L	25.0	7.4	1		08/08/22 11:33		
353.2 Nitrogen, NO2/NO3 pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO2 plus NO3	**0.12J**	mg/L	0.25	0.059	1		08/08/22 14:10		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: TRIP BLANK **Lab ID: 40248901029** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:33	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:33	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		07/29/22 11:33	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 11:33	75-27-4	
Bromoform	**<3.8**	ug/L	5.0	3.8	1		07/29/22 11:33	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:33	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 11:33	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		07/29/22 11:33	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		07/29/22 11:33	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		07/29/22 11:33	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		07/29/22 11:33	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		07/29/22 11:33	75-00-3	
Chloroform	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:33	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 11:33	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 11:33	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		07/29/22 11:33	106-43-4	
Cyclohexane	**<1.3**	ug/L	5.0	1.3	1		07/29/22 11:33	110-82-7	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		07/29/22 11:33	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		07/29/22 11:33	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		07/29/22 11:33	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		07/29/22 11:33	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 11:33	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 11:33	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		07/29/22 11:33	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		07/29/22 11:33	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:33	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		07/29/22 11:33	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		07/29/22 11:33	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		07/29/22 11:33	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		07/29/22 11:33	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		07/29/22 11:33	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:33	142-28-9	
2,2-Dichloropropane	**<4.2**	ug/L	5.0	4.2	1		07/29/22 11:33	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 11:33	563-58-6	
cis-1,3-Dichloropropene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:33	10061-01-5	
trans-1,3-Dichloropropene	**<3.5**	ug/L	5.0	3.5	1		07/29/22 11:33	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 11:33	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		07/29/22 11:33	100-41-4	
n-Heptane	**<1.6**	ug/L	5.0	1.6	1		07/29/22 11:33	142-82-5	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		07/29/22 11:33	87-68-3	
n-Hexane	**<1.5**	ug/L	5.0	1.5	1		07/29/22 11:33	110-54-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		07/29/22 11:33	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 11:33	99-87-6	
Methylcyclohexane	**<1.2**	ug/L	5.0	1.2	1		07/29/22 11:33	108-87-2	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		07/29/22 11:33	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Sample: TRIP BLANK **Lab ID: 40248901029** Collected: 07/27/22 00:00 Received: 07/28/22 08:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		07/29/22 11:33	1634-04-4	
Naphthalene	**<1.1**	ug/L	5.0	1.1	1		07/29/22 11:33	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 11:33	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:33	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:33	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		07/29/22 11:33	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		07/29/22 11:33	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		07/29/22 11:33	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		07/29/22 11:33	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		07/29/22 11:33	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		07/29/22 11:33	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	5.0	0.34	1		07/29/22 11:33	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		07/29/22 11:33	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		07/29/22 11:33	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	5.0	0.56	1		07/29/22 11:33	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		07/29/22 11:33	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		07/29/22 11:33	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		07/29/22 11:33	75-01-4	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		07/29/22 11:33	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		07/29/22 11:33	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		07/29/22 11:33	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130		1		07/29/22 11:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		07/29/22 11:33	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 746953 | Analysis Method: RSK-175
QC Batch Method: RSK-175 | Analysis Description: Biodegradation Indicator Gases
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2379930 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<2.0	5.0	08/05/22 16:13	
Ethane	ug/L	<0.17	1.0	08/05/22 16:13	
Ethene	ug/L	0.25J	1.0	08/05/22 16:13	B0

LABORATORY CONTROL SAMPLE & LCSD: 2379931 2379932

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	380	420	400	109	105	70-130	4	30	
Ethane	ug/L	97	110	100	109	106	70-130	3	30	
Ethene	ug/L	120	130	130	110	107	70-130	3	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 746864 | Analysis Method: RSK-175
QC Batch Method: RSK-175 | Analysis Description: EPA RSK 175 CO2
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2379423 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<127	900	08/05/22 08:45	

LABORATORY CONTROL SAMPLE & LCSD: 2379424 2379425

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Carbon dioxide	ug/L	8700	7660	7370	88	85	38-147	4	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422523 | Analysis Method: EPA 6010D
QC Batch Method: EPA 6010D | Analysis Description: ICP Metals, Trace, Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2433571 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	08/03/22 15:43	
Manganese, Dissolved	ug/L	<1.1	5.0	08/03/22 15:43	

LABORATORY CONTROL SAMPLE: 2433572

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	9800	98	80-120	
Manganese, Dissolved	ug/L	250	262	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2433574 2433575

Parameter	Units	40248901024 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	7090	10000	10000	16500	16600	94	95	75-125	1	20	
Manganese, Dissolved	ug/L	106	250	250	359	360	101	101	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422081
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2431172 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	08/01/22 18:47	
Manganese	ug/L	<1.5	5.0	08/01/22 18:47	

LABORATORY CONTROL SAMPLE: 2431173

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9810	98	80-120	
Manganese	ug/L	250	250	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2431174 2431175

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	7100	10000	10000	17200	16900	101	98	75-125	2	20	
Manganese	ug/L	104	250	250	359	354	102	100	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422061 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901010, 40248901011, 40248901012, 40248901013, 40248901014, 40248901015, 40248901016, 40248901017, 40248901018, 40248901019, 40248901020, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901026, 40248901027, 40248901028, 40248901029

METHOD BLANK: 2430973 Matrix: Water
Associated Lab Samples: 40248901010, 40248901011, 40248901012, 40248901013, 40248901014, 40248901015, 40248901016, 40248901017, 40248901018, 40248901019, 40248901020, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901026, 40248901027, 40248901028, 40248901029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/29/22 08:40	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/29/22 08:40	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/29/22 08:40	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/29/22 08:40	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/29/22 08:40	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/29/22 08:40	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/29/22 08:40	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/29/22 08:40	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/29/22 08:40	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/29/22 08:40	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/29/22 08:40	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/29/22 08:40	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/29/22 08:40	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/29/22 08:40	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/29/22 08:40	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/29/22 08:40	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/29/22 08:40	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/29/22 08:40	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/29/22 08:40	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/29/22 08:40	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/29/22 08:40	
2-Chlorotoluene	ug/L	<0.89	5.0	07/29/22 08:40	
4-Chlorotoluene	ug/L	<0.89	5.0	07/29/22 08:40	
Benzene	ug/L	<0.30	1.0	07/29/22 08:40	
Bromobenzene	ug/L	<0.36	1.0	07/29/22 08:40	
Bromochloromethane	ug/L	<0.36	5.0	07/29/22 08:40	
Bromodichloromethane	ug/L	<0.42	1.0	07/29/22 08:40	
Bromoform	ug/L	<3.8	5.0	07/29/22 08:40	
Bromomethane	ug/L	<1.2	5.0	07/29/22 08:40	
Carbon tetrachloride	ug/L	<0.37	1.0	07/29/22 08:40	
Chlorobenzene	ug/L	<0.86	1.0	07/29/22 08:40	
Chloroethane	ug/L	<1.4	5.0	07/29/22 08:40	
Chloroform	ug/L	<1.2	5.0	07/29/22 08:40	
Chloromethane	ug/L	<1.6	5.0	07/29/22 08:40	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/29/22 08:40	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/29/22 08:40	
Cyclohexane	ug/L	<1.3	5.0	07/29/22 08:40	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

METHOD BLANK: 2430973 Matrix: Water

Associated Lab Samples: 40248901010, 40248901011, 40248901012, 40248901013, 40248901014, 40248901015, 40248901016, 40248901017, 40248901018, 40248901019, 40248901020, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901026, 40248901027, 40248901028, 40248901029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<2.6	5.0	07/29/22 08:40	
Dibromomethane	ug/L	<0.99	5.0	07/29/22 08:40	
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/29/22 08:40	
Diisopropyl ether	ug/L	<1.1	5.0	07/29/22 08:40	
Ethylbenzene	ug/L	<0.33	1.0	07/29/22 08:40	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/29/22 08:40	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/29/22 08:40	
m&p-Xylene	ug/L	<0.70	2.0	07/29/22 08:40	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/29/22 08:40	
Methylcyclohexane	ug/L	<1.2	5.0	07/29/22 08:40	
Methylene Chloride	ug/L	<0.32	5.0	07/29/22 08:40	
n-Butylbenzene	ug/L	<0.86	1.0	07/29/22 08:40	
n-Hexane	ug/L	<1.5	5.0	07/29/22 08:40	
n-Propylbenzene	ug/L	<0.35	1.0	07/29/22 08:40	
Naphthalene	ug/L	<1.1	5.0	07/29/22 08:40	
o-Xylene	ug/L	<0.35	1.0	07/29/22 08:40	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/29/22 08:40	
sec-Butylbenzene	ug/L	<0.42	1.0	07/29/22 08:40	
Styrene	ug/L	<0.36	1.0	07/29/22 08:40	
tert-Butylbenzene	ug/L	<0.59	1.0	07/29/22 08:40	
Tetrachloroethene	ug/L	<0.41	1.0	07/29/22 08:40	
Toluene	ug/L	<0.29	1.0	07/29/22 08:40	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	07/29/22 08:40	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/29/22 08:40	
Trichloroethene	ug/L	<0.32	1.0	07/29/22 08:40	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/29/22 08:40	
Vinyl chloride	ug/L	<0.17	1.0	07/29/22 08:40	
1,2-Dichlorobenzene-d4 (S)	%	97	70-130	07/29/22 08:40	
4-Bromofluorobenzene (S)	%	106	70-130	07/29/22 08:40	
Toluene-d8 (S)	%	104	70-130	07/29/22 08:40	

LABORATORY CONTROL SAMPLE: 2430974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	44.9	90	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	45.3	91	69-130	
1,1,2-Trichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethane	ug/L	50	48.4	97	70-130	
1,1-Dichloroethene	ug/L	50	48.7	97	74-131	
1,2,4-Trichlorobenzene	ug/L	50	38.1	76	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	37.5	75	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	43.7	87	70-130	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

LABORATORY CONTROL SAMPLE: 2430974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	44.8	90	70-130	
1,2-Dichloroethane	ug/L	50	47.8	96	70-137	
1,2-Dichloropropane	ug/L	50	45.8	92	80-121	
1,3-Dichlorobenzene	ug/L	50	42.4	85	70-130	
1,4-Dichlorobenzene	ug/L	50	43.1	86	70-130	
Benzene	ug/L	50	46.5	93	70-130	
Bromodichloromethane	ug/L	50	44.7	89	70-130	
Bromoform	ug/L	50	39.8	80	70-130	
Bromomethane	ug/L	50	37.7	75	21-147	
Carbon tetrachloride	ug/L	50	49.2	98	80-146	
Chlorobenzene	ug/L	50	45.7	91	70-130	
Chloroethane	ug/L	50	52.6	105	52-165	
Chloroform	ug/L	50	46.6	93	80-123	
Chloromethane	ug/L	50	48.8	98	51-122	
cis-1,2-Dichloroethene	ug/L	50	42.2	84	70-130	
cis-1,3-Dichloropropene	ug/L	50	40.1	80	70-130	
Cyclohexane	ug/L	50	48.7	97	50-150	
Dibromochloromethane	ug/L	50	44.0	88	70-130	
Dichlorodifluoromethane	ug/L	50	49.3	99	25-121	
Ethylbenzene	ug/L	50	46.4	93	80-120	
Isopropylbenzene (Cumene)	ug/L	50	45.5	91	70-130	
m&p-Xylene	ug/L	100	89.8	90	70-130	
Methyl-tert-butyl ether	ug/L	50	38.5	77	70-130	
Methylcyclohexane	ug/L	50	47.6	95	50-150	
Methylene Chloride	ug/L	50	47.8	96	70-130	
o-Xylene	ug/L	50	43.2	86	70-130	
Styrene	ug/L	50	46.5	93	70-130	
Tetrachloroethene	ug/L	50	43.9	88	70-130	
Toluene	ug/L	50	46.5	93	80-120	
trans-1,2-Dichloroethene	ug/L	50	45.9	92	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.0	88	70-130	
Trichloroethene	ug/L	50	44.7	89	70-130	
Trichlorofluoromethane	ug/L	50	49.3	99	65-160	
Vinyl chloride	ug/L	50	54.9	110	63-134	
1,2-Dichlorobenzene-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			109	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2430975 2430976

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<37.8	6250	6250	5460	5310	87	85	70-134	3	20	
1,1,2,2-Tetrachloroethane	ug/L	<47.2	6250	6250	5620	5480	90	88	61-135	3	20	
1,1,2-Trichloroethane	ug/L	<43.1	6250	6250	6080	5740	97	92	70-130	6	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2430975 2430976

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethane	ug/L	<37.0	6250	6250	5930	5550	95	89	70-130	7	20	
1,1-Dichloroethene	ug/L	<72.8	6250	6250	5530	5380	88	86	71-130	3	20	
1,2,4-Trichlorobenzene	ug/L	<119	6250	6250	4740	4510	76	72	68-131	5	20	
1,2-Dibromo-3-chloropropane	ug/L	<296	6250	6250	5110	5070	82	81	51-141	1	20	
1,2-Dibromoethane (EDB)	ug/L	<38.6	6250	6250	5530	5100	88	82	70-130	8	20	
1,2-Dichlorobenzene	ug/L	<40.7	6250	6250	5630	5390	90	86	70-130	4	20	
1,2-Dichloroethane	ug/L	<36.4	6250	6250	6490	6130	104	98	70-137	6	20	
1,2-Dichloropropane	ug/L	<56.0	6250	6250	5640	5470	90	88	80-121	3	20	
1,3-Dichlorobenzene	ug/L	<43.9	6250	6250	5340	5080	85	81	70-130	5	20	
1,4-Dichlorobenzene	ug/L	<112	6250	6250	5260	5000	84	80	70-130	5	20	
Benzene	ug/L	15300	6250	6250	22200	21600	110	101	70-130	3	20	
Bromodichloromethane	ug/L	<51.9	6250	6250	5690	5390	91	86	70-130	5	20	
Bromoform	ug/L	<475	6250	6250	5080	4910	81	78	70-133	4	20	
Bromomethane	ug/L	<149	6250	6250	5090	5510	81	88	21-149	8	22	
Chlorobenzene	ug/L	<107	6250	6250	5780	5450	93	87	70-130	6	20	
Chloroethane	ug/L	<172	6250	6250	5660	5480	90	88	52-165	3	20	
Chloroform	ug/L	<148	6250	6250	5860	5550	94	89	80-123	5	20	
Chloromethane	ug/L	<204	6250	6250	4010	3850	64	62	42-125	4	20	
cis-1,2-Dichloroethene	ug/L	<58.9	6250	6250	5280	5000	84	80	70-130	5	20	
cis-1,3-Dichloropropene	ug/L	<44.8	6250	6250	5140	4830	82	77	70-130	6	20	
Cyclohexane	ug/L	636	6250	6250	6560	6400	95	92	50-150	2	20	
Dibromochloromethane	ug/L	<330	6250	6250	5500	5260	88	84	70-130	4	20	
Dichlorodifluoromethane	ug/L	<56.9	6250	6250	2780	2630	44	42	25-121	5	20	
Ethylbenzene	ug/L	<40.6	6250	6250	5860	5600	94	90	80-121	5	20	
Isopropylbenzene (Cumene)	ug/L	<125	6250	6250	5710	5420	91	87	70-130	5	20	
m&p-Xylene	ug/L	<87.5	12500	12500	11200	10700	89	85	70-130	5	20	
Methyl-tert-butyl ether	ug/L	<141	6250	6250	4790	4600	77	74	70-130	4	20	
Methylcyclohexane	ug/L	<149	6250	6250	5840	5570	91	87	50-150	5	20	
Methylene Chloride	ug/L	<39.9	6250	6250	5760	5490	92	88	70-130	5	20	
o-Xylene	ug/L	<43.5	6250	6250	5420	5070	87	81	70-130	7	20	
Styrene	ug/L	<44.5	6250	6250	5830	5570	93	89	70-132	5	20	
Tetrachloroethene	ug/L	<51.1	6250	6250	5350	5200	86	83	70-130	3	20	
Toluene	ug/L	647	6250	6250	6640	6360	96	91	80-120	4	20	
trans-1,2-Dichloroethene	ug/L	<66.0	6250	6250	5450	5230	87	84	70-130	4	20	
trans-1,3-Dichloropropene	ug/L	<433	6250	6250	5570	5250	89	84	70-130	6	20	
Trichloroethene	ug/L	<40.0	6250	6250	5470	5360	88	86	70-130	2	20	
Trichlorofluoromethane	ug/L	<52.3	6250	6250	5490	5280	88	85	65-160	4	20	
Vinyl chloride	ug/L	<21.8	6250	6250	5110	5010	82	80	60-137	2	20	
1,2-Dichlorobenzene-d4 (S)	%						95	94	70-130			
4-Bromofluorobenzene (S)	%						107	108	70-130			
Toluene-d8 (S)	%						105	104	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422228
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901001, 40248901002, 40248901003, 40248901004, 40248901005, 40248901006, 40248901007, 40248901008, 40248901009

METHOD BLANK: 2432422
Matrix: Water
Associated Lab Samples: 40248901001, 40248901002, 40248901003, 40248901004, 40248901005, 40248901006, 40248901007, 40248901008, 40248901009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	08/03/22 09:15	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	08/03/22 09:15	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	08/03/22 09:15	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	08/03/22 09:15	
1,1-Dichloroethane	ug/L	<0.30	1.0	08/03/22 09:15	
1,1-Dichloroethene	ug/L	<0.58	1.0	08/03/22 09:15	
1,1-Dichloropropene	ug/L	<0.41	1.0	08/03/22 09:15	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	08/03/22 09:15	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	08/03/22 09:15	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/03/22 09:15	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/03/22 09:15	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	08/03/22 09:15	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	08/03/22 09:15	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	08/03/22 09:15	
1,2-Dichloroethane	ug/L	<0.29	1.0	08/03/22 09:15	
1,2-Dichloropropane	ug/L	<0.45	1.0	08/03/22 09:15	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/03/22 09:15	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	08/03/22 09:15	
1,3-Dichloropropane	ug/L	<0.30	1.0	08/03/22 09:15	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	08/03/22 09:15	
2,2-Dichloropropane	ug/L	<4.2	5.0	08/03/22 09:15	
2-Chlorotoluene	ug/L	<0.89	5.0	08/03/22 09:15	
4-Chlorotoluene	ug/L	<0.89	5.0	08/03/22 09:15	
Benzene	ug/L	<0.30	1.0	08/03/22 09:15	
Bromobenzene	ug/L	<0.36	1.0	08/03/22 09:15	
Bromochloromethane	ug/L	<0.36	5.0	08/03/22 09:15	
Bromodichloromethane	ug/L	<0.42	1.0	08/03/22 09:15	
Bromoform	ug/L	<3.8	5.0	08/03/22 09:15	
Bromomethane	ug/L	<1.2	5.0	08/03/22 09:15	
Carbon tetrachloride	ug/L	<0.37	1.0	08/03/22 09:15	
Chlorobenzene	ug/L	<0.86	1.0	08/03/22 09:15	
Chloroethane	ug/L	<1.4	5.0	08/03/22 09:15	
Chloroform	ug/L	<1.2	5.0	08/03/22 09:15	
Chloromethane	ug/L	<1.6	5.0	08/03/22 09:15	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/03/22 09:15	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	08/03/22 09:15	
Cyclohexane	ug/L	<1.3	5.0	08/03/22 09:15	
Dibromochloromethane	ug/L	<2.6	5.0	08/03/22 09:15	
Dibromomethane	ug/L	<0.99	5.0	08/03/22 09:15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

METHOD BLANK: 2432422 Matrix: Water

Associated Lab Samples: 40248901001, 40248901002, 40248901003, 40248901004, 40248901005, 40248901006, 40248901007, 40248901008, 40248901009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	08/03/22 09:15	
Diisopropyl ether	ug/L	<1.1	5.0	08/03/22 09:15	
Ethylbenzene	ug/L	<0.33	1.0	08/03/22 09:15	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	08/03/22 09:15	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	08/03/22 09:15	
m&p-Xylene	ug/L	<0.70	2.0	08/03/22 09:15	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	08/03/22 09:15	
Methylcyclohexane	ug/L	<1.2	5.0	08/03/22 09:15	
Methylene Chloride	ug/L	<0.32	5.0	08/03/22 09:15	
n-Butylbenzene	ug/L	<0.86	1.0	08/03/22 09:15	
n-Hexane	ug/L	<1.5	5.0	08/03/22 09:15	
n-Propylbenzene	ug/L	<0.35	1.0	08/03/22 09:15	
Naphthalene	ug/L	<1.1	5.0	08/03/22 09:15	
o-Xylene	ug/L	<0.35	1.0	08/03/22 09:15	
p-Isopropyltoluene	ug/L	<1.0	5.0	08/03/22 09:15	
sec-Butylbenzene	ug/L	<0.42	1.0	08/03/22 09:15	
Styrene	ug/L	<0.36	1.0	08/03/22 09:15	
tert-Butylbenzene	ug/L	<0.59	1.0	08/03/22 09:15	
Tetrachloroethene	ug/L	<0.41	1.0	08/03/22 09:15	
Toluene	ug/L	<0.29	1.0	08/03/22 09:15	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	08/03/22 09:15	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	08/03/22 09:15	
Trichloroethene	ug/L	<0.32	1.0	08/03/22 09:15	
Trichlorofluoromethane	ug/L	<0.42	1.0	08/03/22 09:15	
Vinyl chloride	ug/L	<0.17	1.0	08/03/22 09:15	
1,2-Dichlorobenzene-d4 (S)	%	112	70-130	08/03/22 09:15	
4-Bromofluorobenzene (S)	%	97	70-130	08/03/22 09:15	
Toluene-d8 (S)	%	107	70-130	08/03/22 09:15	

LABORATORY CONTROL SAMPLE: 2432423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.1	98	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	55.5	111	69-130	
1,1,2-Trichloroethane	ug/L	50	55.4	111	70-130	
1,1-Dichloroethane	ug/L	50	58.2	116	70-130	
1,1-Dichloroethene	ug/L	50	54.1	108	74-131	
1,2,4-Trichlorobenzene	ug/L	50	49.8	100	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.7	91	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	48.2	96	70-130	
1,2-Dichlorobenzene	ug/L	50	54.3	109	70-130	
1,2-Dichloroethane	ug/L	50	46.0	92	70-137	
1,2-Dichloropropane	ug/L	50	50.3	101	80-121	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

LABORATORY CONTROL SAMPLE: 2432423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.1	104	70-130	
1,4-Dichlorobenzene	ug/L	50	53.9	108	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromodichloromethane	ug/L	50	49.0	98	70-130	
Bromoform	ug/L	50	48.1	96	70-130	
Bromomethane	ug/L	50	32.4	65	21-147	
Carbon tetrachloride	ug/L	50	52.6	105	80-146	
Chlorobenzene	ug/L	50	59.1	118	70-130	
Chloroethane	ug/L	50	55.2	110	52-165	
Chloroform	ug/L	50	53.6	107	80-123	
Chloromethane	ug/L	50	30.3	61	51-122	
cis-1,2-Dichloroethene	ug/L	50	46.4	93	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Cyclohexane	ug/L	50	47.4	95	50-150	
Dibromochloromethane	ug/L	50	51.3	103	70-130	
Dichlorodifluoromethane	ug/L	50	11.9	24	25-121	L2
Ethylbenzene	ug/L	50	60.4	121	80-120	L1
Isopropylbenzene (Cumene)	ug/L	50	62.2	124	70-130	
m&p-Xylene	ug/L	100	127	127	70-130	
Methyl-tert-butyl ether	ug/L	50	46.9	94	70-130	
Methylcyclohexane	ug/L	50	49.8	100	50-150	
Methylene Chloride	ug/L	50	55.6	111	70-130	
o-Xylene	ug/L	50	61.0	122	70-130	
Styrene	ug/L	50	59.4	119	70-130	
Tetrachloroethene	ug/L	50	51.7	103	70-130	
Toluene	ug/L	50	57.3	115	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.5	111	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.6	89	70-130	
Trichloroethene	ug/L	50	50.2	100	70-130	
Trichlorofluoromethane	ug/L	50	51.1	102	65-160	
Vinyl chloride	ug/L	50	41.6	83	63-134	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			106	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2433738 2433739

Parameter	Units	40248901001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	53.2	52.0	106	104	70-134	2	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50.3	54.1	101	108	61-135	7	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	52.5	49.9	105	100	70-130	5	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	59.3	63.1	119	126	70-130	6	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	59.6	63.0	119	126	71-130	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	42.6	45.6	85	91	68-131	7	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2433738 2433739

Parameter	Units	40248901001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	38.7	37.6	77	75	51-141	3	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	44.5	46.0	89	92	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	49.0	50.6	98	101	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	48.1	48.7	96	97	70-137	1	20	
1,2-Dichloropropane	ug/L	<0.45	50	50	48.9	52.9	98	106	80-121	8	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	46.1	47.7	92	95	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	46.4	48.7	93	97	70-130	5	20	
Benzene	ug/L	<0.30	50	50	51.5	54.9	103	110	70-130	6	20	
Bromodichloromethane	ug/L	<0.42	50	50	48.4	52.4	97	105	70-130	8	20	
Bromoform	ug/L	<3.8	50	50	44.6	44.3	89	89	70-133	0	20	
Bromomethane	ug/L	<1.2	50	50	43.0	50.6	86	101	21-149	16	22	
Carbon tetrachloride	ug/L	<0.37	50	50	55.5	57.4	111	115	80-146	3	20	
Chlorobenzene	ug/L	<0.86	50	50	56.0	56.1	112	112	70-130	0	20	
Chloroethane	ug/L	<1.4	50	50	59.7	63.1	119	126	52-165	6	20	
Chloroform	ug/L	<1.2	50	50	55.5	57.2	111	114	80-123	3	20	
Chloromethane	ug/L	<1.6	50	50	59.4	65.2	119	130	42-125	9	20	M1
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	49.6	50.7	99	101	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	41.0	41.1	82	82	70-130	0	20	
Cyclohexane	ug/L	<1.3	50	50	51.1	52.3	102	105	50-150	2	20	
Dibromochloromethane	ug/L	<2.6	50	50	48.4	45.9	97	92	70-130	5	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	34.0	36.6	68	73	25-121	7	20	
Ethylbenzene	ug/L	<0.33	50	50	55.3	56.0	111	112	80-121	1	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	55.8	56.3	112	113	70-130	1	20	
m&p-Xylene	ug/L	<0.70	100	100	117	115	117	115	70-130	2	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	46.9	47.5	94	95	70-130	1	20	
Methylcyclohexane	ug/L	<1.2	50	50	46.2	50.7	92	101	50-150	9	20	
Methylene Chloride	ug/L	<0.32	50	50	55.7	65.6	111	131	70-130	16	20	M1
o-Xylene	ug/L	<0.35	50	50	53.0	53.1	106	106	70-130	0	20	
Styrene	ug/L	<0.36	50	50	43.6	42.2	87	84	70-132	3	20	
Tetrachloroethene	ug/L	<0.41	50	50	48.6	49.5	97	99	70-130	2	20	
Toluene	ug/L	<0.29	50	50	55.7	54.5	111	109	80-120	2	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	52.6	58.9	105	118	70-130	11	20	
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	42.8	37.8	86	76	70-130	12	20	
Trichloroethene	ug/L	<0.32	50	50	44.1	51.9	88	104	70-130	16	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	59.6	62.1	119	124	65-160	4	20	
Vinyl chloride	ug/L	<0.17	50	50	62.7	69.3	125	139	60-137	10	20	M1
1,2-Dichlorobenzene-d4 (S)	%						96	97	70-130			
4-Bromofluorobenzene (S)	%						94	91	70-130			
Toluene-d8 (S)	%						102	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422297 — 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: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2432573 — Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	08/03/22 16:14	

LABORATORY CONTROL SAMPLE: 2432574

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2432575 2432576

Parameter	Units	40248862001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	45.1	400	400	493	526	112	120	90-110	6	15	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2432577 2432578

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	<0.44	20	20	22.1	22.1	109	109	90-110	0	15	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422846
QC Batch Method: EPA 310.2
Analysis Method: EPA 310.2
Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40248901011, 40248901021, 40248901022

METHOD BLANK: 2435704 Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/08/22 10:46	

LABORATORY CONTROL SAMPLE: 2435705

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435706 2435707

Parameter	Units	40248902011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	1980	1000	1000	2640	2640	66	66	90-110	0	20	M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435708 2435709

Parameter	Units	40248901022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	562	500	500	1080	1060	104	99	90-110	2	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422847 | 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: 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2435710 Matrix: Water
Associated Lab Samples: 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	08/08/22 11:21	

LABORATORY CONTROL SAMPLE: 2435711

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	101	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435712 2435713

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	522	500	500	1030	1020	102	100	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

QC Batch: 422879 — 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: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

METHOD BLANK: 2435812 — Matrix: Water
Associated Lab Samples: 40248901011, 40248901021, 40248901022, 40248901023, 40248901024, 40248901025, 40248901028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	08/08/22 13:50	

LABORATORY CONTROL SAMPLE: 2435813

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.3	91	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435814 2435815

Parameter	Units	40248773003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	16.1	12.5	12.5	27.8	28.2	94	96	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2435816 2435817

Parameter	Units	40248901024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.2	2.2	87	89	90-110	2	20	M0

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

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.

WORKORDER QUALIFIERS

WO: 40248901

[1] Revised Report: The VOC list has been updated at the request of the client.

ANALYTE QUALIFIERS

B0	Analyte was detected in an associated blank at a concentration greater than the MDL.
HS	Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40248901011	**MW-02-25**	RSK-175	746953		
40248901021	**MW-14-31**	RSK-175	746953		
40248901022	**MW-06-32**	RSK-175	746953		
40248901023	**MW-17-20**	RSK-175	746953		
40248901024	**MW-01-32**	RSK-175	746953		
40248901025	**DUP07272022**	RSK-175	746953		
40248901028	**MW-10-32**	RSK-175	746953		
40248901011	**MW-02-25**	RSK-175	746864		
40248901021	**MW-14-31**	RSK-175	746864		
40248901022	**MW-06-32**	RSK-175	746864		
40248901023	**MW-17-20**	RSK-175	746864		
40248901024	**MW-01-32**	RSK-175	746864		
40248901025	**DUP07272022**	RSK-175	746864		
40248901028	**MW-10-32**	RSK-175	746864		
40248901011	**MW-02-25**	EPA 3010A	422081	EPA 6010D	422221
40248901021	**MW-14-31**	EPA 3010A	422081	EPA 6010D	422221
40248901022	**MW-06-32**	EPA 3010A	422081	EPA 6010D	422221
40248901023	**MW-17-20**	EPA 3010A	422081	EPA 6010D	422221
40248901024	**MW-01-32**	EPA 3010A	422081	EPA 6010D	422221
40248901025	**DUP07272022**	EPA 3010A	422081	EPA 6010D	422221
40248901028	**MW-10-32**	EPA 3010A	422081	EPA 6010D	422221
40248901011	**MW-02-25**	EPA 6010D	422523		
40248901021	**MW-14-31**	EPA 6010D	422523		
40248901022	**MW-06-32**	EPA 6010D	422523		
40248901023	**MW-17-20**	EPA 6010D	422523		
40248901024	**MW-01-32**	EPA 6010D	422523		
40248901025	**DUP07272022**	EPA 6010D	422523		
40248901028	**MW-10-32**	EPA 6010D	422523		
40248901001	**MW-05-60**	EPA 8260	422228		
40248901002	**MW-13-33**	EPA 8260	422228		
40248901003	**MW-05-30**	EPA 8260	422228		
40248901004	**MW-08-27**	EPA 8260	422228		
40248901005	**MW-06-60**	EPA 8260	422228		
40248901006	**DUP07262022**	EPA 8260	422228		
40248901007	**MW-15-32**	EPA 8260	422228		
40248901008	**MW-04-29**	EPA 8260	422228		
40248901009	**MW-11-32**	EPA 8260	422228		
40248901010	**MW-01-63**	EPA 8260	422061		
40248901011	**MW-02-25**	EPA 8260	422061		
40248901012	**MW-02-55**	EPA 8260	422061		
40248901013	**MW-09-60**	EPA 8260	422061		
40248901014	**MW-09-33**	EPA 8260	422061		
40248901015	**MW-07-60**	EPA 8260	422061		
40248901016	**MW-03-25**	EPA 8260	422061		
40248901017	**MW-07-32**	EPA 8260	422061		
40248901018	**DUP07252022**	EPA 8260	422061		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705B FORT ATKINSON
Pace Project No.: 40248901

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40248901019	**MW-16-29**	EPA 8260	422061		
40248901020	**MW-12-31**	EPA 8260	422061		
40248901021	**MW-14-31**	EPA 8260	422061		
40248901022	**MW-06-32**	EPA 8260	422061		
40248901023	**MW-17-20**	EPA 8260	422061		
40248901024	**MW-01-32**	EPA 8260	422061		
40248901025	**DUP07272022**	EPA 8260	422061		
40248901026	**EB220727A**	EPA 8260	422061		
40248901027	**EB220727B**	EPA 8260	422061		
40248901028	**MW-10-32**	EPA 8260	422061		
40248901029	**TRIP BLANK**	EPA 8260	422061		
40248901011	**MW-02-25**	EPA 300.0	422297		
40248901021	**MW-14-31**	EPA 300.0	422297		
40248901022	**MW-06-32**	EPA 300.0	422297		
40248901023	**MW-17-20**	EPA 300.0	422297		
40248901024	**MW-01-32**	EPA 300.0	422297		
40248901025	**DUP07272022**	EPA 300.0	422297		
40248901028	**MW-10-32**	EPA 300.0	422297		
40248901011	**MW-02-25**	EPA 310.2	422846		
40248901021	**MW-14-31**	EPA 310.2	422846		
40248901022	**MW-06-32**	EPA 310.2	422846		
40248901023	**MW-17-20**	EPA 310.2	422847		
40248901024	**MW-01-32**	EPA 310.2	422847		
40248901025	**DUP07272022**	EPA 310.2	422847		
40248901028	**MW-10-32**	EPA 310.2	422847		
40248901011	**MW-02-25**	EPA 353.2	422879		
40248901021	**MW-14-31**	EPA 353.2	422879		
40248901022	**MW-06-32**	EPA 353.2	422879		
40248901023	**MW-17-20**	EPA 353.2	422879		
40248901024	**MW-01-32**	EPA 353.2	422879		
40248901025	**DUP07272022**	EPA 353.2	422879		
40248901028	**MW-10-32**	EPA 353.2	422879		

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40248901

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP	Billing Information: tim.Huff@WSP.com
Address: 5957 McKee Rd, Madison, WI	
Report To: Tim.Huff@WSP.com	Email To:
Copy To: Timothy.Grady@wsp.com	Site Collection Info/Address:
Customer Project Name/Number: 340967.705B	State: WI County/City: Dane/Madison Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email: 715-574-9018	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): TMS/JDL/TMG	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Standard Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [X] 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 [X] No Analysis:

Container Preservative Type **: 3 3

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

Lab Project Manager:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: VOC special List	Lab Profile/Line
MW-05-60	GW	G	072622	1135				3	X	001
MW-13-33			072622	1020				3	X	002
MW-05-30			072622	1215				3	X	003
MW-05-77			072622	1410				3	X	004
MW-06-60			072622	1610				3	X	005
DUP072622022			072622	~~XXXX~~				3	X	006
MW-15-32			072622	1625				3	X	007
MW-04-29			072622	1625				3	X	008
MW-11-32			572622	1730				3	X	009
MW-01-63			072722	1305				3	X	010

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2825843

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: 0.5 oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 3

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/27/22 1700		
	7/28/22 0800		7/28/22 0800

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

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40248901

ALL SHADED AREAS are for LAB USE ONLY

Company: SEE PAGE 1	Billing Information:
Address:	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number:	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 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:

* 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)

Container Preservative Type **: 3 3 U 1 1 U 2

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 Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC special list	Methane, Ethane, Ethene by RSK 175	Carbon Dioxide by RSK 175	Metals Dissolved (field filtered)	Metals total Fe/Mn	Alkalinity	Nitrate & Nitrite by 353.2	Lab Sample # / Comments
MW-02-25	GW	G	072522	1045				13	X	X	X	X	X	X	X	011
MW-02-55			072522	1155				3	X							012
MW-09-55			072522	1325				3	X							013
MW-09-33			072522	1555				3	X							014
MW-07-60			072522	1555				3	X							015
MW-03-25			072522	1705				3	X							016
MW-07-32			072522	1805				3	X							017
DUP07252022			072522	0000				3	X							018
MW-16-29			072622	0940				3	X							019
MW-12-31			072622	1110				3	X							020

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2825844

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	7/27/22 1700		
	7/28/22 0800		7/28/22 0800

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

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40248101

ALL SHADED AREAS are for LAB USE ONLY

Company: SEE PAGE 1	Billing Information:
Address:	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number:	State: / County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: 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:

Container Preservative Type **: 3 3 U 1 1 U 2

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC specific list	Methane, ethane, ethene by RSK 175	Carbon Dioxide by RSK 175	Metals dissolved Fe/Mn (Field)	Metals total Fe/Mn	Alkalinity	Nitrate+Nitrite by 353.2		Lab Sample # / Comments
MW-14-31	GW	G	072622	1355				13	X	X	X	X	X	X	X	021	
MW-06-32	GW	G	072622	1710				13	X	X	X	X	X	X	X	022	
MW-17-20	GW	G	072722	0930				13	X	X	X	X	X	X	X	023	
MW-01-32	GW	G	072722	1110				16	X	X	X	X	X	X	X	024	16 total Ctns - (3-40ml VOC MS/MSD)
DUP072722	GW	G	072722	0000				13	X	X	X	X	X	X	X	025	
EB22 0727 A	GW	G	072722	1440				3	X							026	
EB22 0727 B	GW	G	072722	1440				3	X							027	
MW-10-32	GW	G	072722	1100				13	X	X	X	X	X	X	X	028	
Trip Blank								4	X							029	

Lab Profile/Line:

Lab Sample Receipt Checklist:

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

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: 2825842

Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
WSP	07/27/22 1700		
	7/28/22 0800	Pace	7/28/22 0800

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

Client Name: WSP

Sample Preservation Receipt Form

Project #: 40248901

Pace Lab #	Glass								Plastic					Vials						Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN							
021										1		2	1			3	9	6									3	X			X		2.5 / 5 / 10
022										1		2	1			3	9	6										X			X		2.5 / 5 / 10
023										1		2	1			3	9	6										X			X		2.5 / 5 / 10
024										1		2	1			3	9	6										X			X		2.5 / 5 / 10
025										1		2	1			3	9	6										X			X		2.5 / 5 / 10
026																	3																2.5 / 5 / 10
027																	3																2.5 / 5 / 10
028										1		2	1			3	9	6										X			X		2.5 / 5 / 10
029																	4																2.5 / 5 / 10

LR 7128123

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Sample Preservation Receipt Form

Client Name: WSP Project # 40248901

All containers needing preservation have been checked and noted below: ☑Yes ☐No ☐N/A

Initial when completed: KW Date/ Time:

Lab Lot# of pH paper: 10D3111 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																	3																2.5 / 5 / 10
002																	3																2.5 / 5 / 10
003																	3																2.5 / 5 / 10
004																	3																2.5 / 5 / 10
005																	3																2.5 / 5 / 10
006																	3																2.5 / 5 / 10
007																	3																2.5 / 5 / 10
008																	3										3						2.5 / 5 / 10
009																	3																2.5 / 5 / 10
010																	3																2.5 / 5 / 10
011																3	X+6			7128/22							2						2.5 / 5 / 10
012																	3																2.5 / 5 / 10
013																	3																2.5 / 5 / 10
014																	3										3						2.5 / 5 / 10
015																	3																2.5 / 5 / 10
016																	3										1						2.5 / 5 / 10
017																	3																2.5 / 5 / 10
018																	3																2.5 / 5 / 10
019																	3										3						2.5 / 5 / 10
020																	3																2.5 / 5 / 10

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
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Page 1 of 2

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40248901

40248901

Client Name: WSP

Courier: ☒ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☐ Waltco
☐ Client ☐ Pace Other: _____

Tracking #: _____

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

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR - 117 **Type of Ice:** ☒ Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 5.5 /Corr: 1.1

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

Person examining contents:
Date: 7/28/22 /Initials: SW

Labeled By Initials:

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

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. +2CC 7/28/22 SW
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD: ☐Yes ☒No ☐N/A		8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11. Per PM/COC has No checked 7/28/22 SW
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: W	☐Yes ☐No ☐N/A	12.
Trip Blank Present:	☐Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 486		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

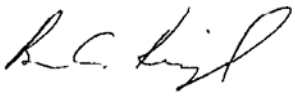
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

Page 3 of 3

ENCLOSURE B – HYDROGEOLOGIST CERTIFICATION

Monitoring Well Sampling Results – Q3 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.



_____ 9/1/2022___

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