

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

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

Notification of Property Owners and Occupants:

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

Site Information

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

Responsible Party

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

Property Owner

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

Person or company that collected samples

WSP USA Inc.

Sample Results (Results Attached)

Reason for Sampling: Routine Other (define) _____

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

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

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

Contaminants in Vapor

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

Site Investigation Sample Results Notification

Form 4400-249 (R 03/14)

Page 2 of 2

Attached are:

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

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

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

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					



VIA ELECTRONIC MAIL

September 29, 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 Installation and Sampling Report
Enbridge Line13 MP312 Blackhawk Island Rd Valve site, Fort Atkinson, Wisconsin
WDNR BRRTS #02-28-586199**

Dear Mr. Beaster:

WSP USA Inc. (WSP) is pleased to submit the following Monitoring Well Installation and Sampling Report for the Line 13 Milepost (MP) 312 Valve site located at the intersection of Blackhawk Island Road and Westphal Lane, Fort Atkinson, Wisconsin (Site). A brief description of the Site background, fieldwork procedures, and sampling results are provided below.

BACKGROUND

In a letter dated May 25, 2022, the Wisconsin Department of Natural Resources (WDNR) requested additional investigation in two areas of the Site. The WDNR letter stated:

1. “Additional groundwater investigation is needed to evaluate the vertical extent of trichloroethene (TCE) near monitoring well MW-6. The Department recommends you install and sample a deeper piezometer near monitoring well MW-6. Collect soil samples during the associated drilling.
2. Additional investigation is needed to evaluate the extent of non-aqueous phase liquid (NAPL) around soil boring IS-36. The Department recommends a shallow monitoring well be installed and sampled to evaluate if there is recoverable NAPL.”

WSP prepared the Work Plan for Groundwater Sampling and Monitoring Well Installation (Work Plan), dated July 8, 2022, which included details for the installation of two new monitoring wells at the Site to address the WDNR request. In accordance with NR 716.09 (3)(a), Wis. Adm. Code, the WDNR provided a notice to proceed in correspondence dated August 8, 2022.

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

Tel.: +1 314 206-4212
Fax: +1 314 421-1741
wsp.com



SCOPE OF WORK

MONITORING WELL INSTALLATION AND SAMPLING

Between August 10 and 12, 2022, WSP oversaw the installation of two monitoring wells (MW-06-100 and MW-18-31). The monitoring wells were installed by Environmental Works, Inc. (EWI) using rotosonic drilling methods. **Figure 1** includes the monitoring well locations.

UTILITY LOCATING PROCEDURES

Prior to beginning any intrusive work and in accordance with Enbridge Ground Disturbance protocols, EWI submitted a Wisconsin Diggers Hotline 811 ticket request for underground utilities to be marked in the vicinity of the proposed monitoring well locations. WSP also retained Badger Daylighting to complete a 4-way sweep procedure prior to commencement of drilling activities to confirm the locations of mark-outs and identify other privately-owned utilities within 100 feet of the proposed monitoring well locations. All utility markings were confirmed through a verification locate and compared to available facility documentation on infrastructure layout.

BOREHOLE DRILLING PROCEDURES

Monitoring well boreholes were advanced using rotosonic drilling methods and nominal 6-inch diameter drill tooling with continuous soil sampling in 10-foot intervals from ground surface to the target depth at each location. The borehole for MW-06-100 was drilled to a total depth of 100.5 feet, and the borehole for MW-18-31 was drilled to a total depth of 35 feet. Soil cores were visually examined and logged using the Unified Soil Classification System (USCS), and field screened in 2.5-foot intervals for volatile organic compounds (VOCs) by headspace analysis using a photoionization detector (PID). All pertinent soil observations, such as lithology, moisture content, odors, staining, and PID readings were recorded on soil boring logs, which are provided in **Enclosure A**, and in the field logbook.

The Work Plan anticipated that groundwater profiling would be completed at the MW-06-100 location between 70 and 90 feet below ground surface (bgs) to guide the selection of the appropriate interval to be screened by the monitoring well. The borehole was initially advanced from ground surface to 70 feet bgs using 4-inch diameter (soil core barrel) by 6-inch diameter (outer drill casing) rotosonic drill tooling and soil sampling methods as specified in the Work Plan. The observed lithology was primarily a homogeneous fine-medium grained sand with some intervals containing varying amount of gravel or cobbles. Between approximately 40 and 70 feet bgs, flowing and heaving sands rose up into the 6-inch diameter outer drill casing, despite the addition of potable water by EWI into the drilling column to control the sand. Approximately 500 gallons of water were added in an attempt to limit sand heaving, with limited success. The water used in the attempt to control sand heaving was lost to formation, which reduced the likelihood of obtaining representative groundwater samples from the target depth intervals. As a result, WSP, Enbridge, and Environmental Works evaluated the drilling and sampling approach and the Site conditions and agreed to forego groundwater profiling. Subsequently, the drilling method was modified to use drilling mud (i.e. bentonite slurry) to control the flowing and heaving sand and advance the borehole to a target depth of approximately 100 feet bgs for the installation of the monitoring well.

MONITORING WELL INSTALLATION AND DEVELOPMENT PROCEDURES

Monitoring wells were installed in accordance with the monitoring well construction requirements of Wisconsin Administrative Code, Chapter NR 141. Monitoring wells were constructed using Schedule 40 flush-threaded, two-inch inner diameter (ID) polyvinyl chloride (PVC) casing fitted with a 5-foot or 10-foot long, 0.010-inch horizontal slotted



PVC screen. Monitoring well MW-18-31 was screened across the water table and constructed with a 10-foot screen length from 21 to 31 feet bgs. MW-06-100 was constructed with a 5-foot screen length from 95 to 100 feet bgs. The annular space around the screened interval at each well was backfilled with a clean sand filter pack to approximately two feet above the top of the screen, followed by a 2-foot-thick fine sand seal above the filter pack. At both wells, a 3-foot granular bentonite chip seal was installed and hydrated. At MW-18-31, the annular space above the well seal was filled with additional bentonite chips to ground surface. At MW-06-100, the annular space above the well seal was filled with bentonite-cement slurry grout to ground surface using the tremie method. The monitoring wells were completed with aboveground protective covers set in a concrete pad. The WDNR Well Construction Forms are provided in **Enclosure A**.

The monitoring wells were developed in accordance with well development requirements of Wisconsin Administrative Code, Chapter NR 141.21. Well development was conducted by surging and purging the well with a submersible pump for a minimum of 30 minutes and until the development water was relatively free of suspended sediment and the pH, temperature, conductivity, and turbidity had stabilized. Field measurements were considered stable when two successive readings varied by less than 10 percent and after at least 10 well volumes were removed. At both well locations, approximately 110 gallons were removed during development. The well development pump was decontaminated after use in each well. The WDNR Well Development Forms are provided in **Enclosure A**.

SURVEYING

The location and elevation of the new monitoring wells were surveyed by TriMedia Environmental and Engineering. At each monitoring well, the top of PVC casing and ground surface were surveyed relative to the Wisconsin State Plane Coordinate System (NAD83) and the North American Vertical Datum of 1988 (NAVD88). Horizontal locations were surveyed to an accuracy of 0.1 feet, and elevations surveyed to an accuracy of 0.01 feet. **Table 1** includes the survey coordinates for each well.

MONITORING WELL SAMPLING PROCEDURES AND RESULTS

WSP collected water samples from the new monitoring wells on August 23, 2022. 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 for volatile organic compounds (VOCs) by EPA Method 8260. The samples were placed in laboratory-supplied sample containers with the appropriate preservatives, placed in a cooler with ice, and delivered to the laboratory with the appropriate chain-of-custody documentation. Quality assurance / quality control (QA/QC) samples included one duplicate sample (collected at MW-18-31), one equipment blank sample, and one trip blank sample, which were submitted with the monitoring well samples for VOCs analysis.

Table 2 includes the laboratory analytical results for those VOCs that were detected, and other VOCs that were not detected but are monitored in other Site wells. The laboratory report is provided in **Enclosure B**. Sampling results were compared to the WDNR Enforcement Standards (ES), Preventative Action Limits (PALs), and Vapor Risk Screening Levels (VRSLs).

The sample collected from monitoring well MW-06-100 did not contain any compounds at concentrations above the method detection limits.

The sample from monitoring well MW-18-31 contained detectable concentrations of five compounds, and three compounds occurred at concentrations above the ES, PAL, or VRSL. Benzene was detected at 13,400 µg/l, above the ES, PAL, and VRSLs. Ethylbenzene was detected at 133 µg/l, above the residential VRSL. Toluene was detected at 1,410 µg/l, above the ES and PAL. Total xylenes were detected at an estimated concentration that was below the ES,



PAL, and VRSLs. Cyclohexane was also detected at an estimated concentration that was below the ES and PAL. Results for the duplicate sample collected at MW-18-31 were consistent with the primary sample.

The trip blank and equipment blank samples did not contain any compounds at concentrations above the method detection limits.

INVESTIGATION DERIVED WASTES AND EQUIPMENT DECONTAMINATION

Materials generated during implementation of this Work Plan not submitted for laboratory analysis were managed as investigation derived waste (IDW) in accordance with WSP SOPs. Soil cuttings, decontamination water, well development water, and well sampling purge water were containerized in Department of Transportation (DOT)-compliant 55-gallon drums for waste characterization and off-Site disposal. All non-disposable sampling and drilling equipment was decontaminated in the field between each location. All decontamination wash and rinse water generated during the field activities was managed as IDW.

In accordance with Wisconsin Administrative Code, Chapter NR 712, the certification of hydrogeologist for this Monitoring Well Installation and Sampling Report is included in **Enclosure C**.

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

Kind regards,

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

Timothy A. Huff
Senior Lead Geologist

FIGURE



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

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

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

0 60 120
SCALE IN FEET



FIGURE 1
MONITORING WELL AND
REMEDATION WELL LOCATIONS

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

Drawn By: *ECC*
Checked:
Approved: *TAH 9/29/2022*
DWG Name: 314V1967.705-025

TABLES

Table 1

**Monitoring Well and Remediation Well Construction Summary
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin**

Point ID	Installation Date	Well Diameter (inches)	Protective Cover	Northing (a)	Easting (a)	Ground Surface		Well Total Depth (feet btoc)	Borehole Total		Screen Interval				
						Elevation (feet amsl) (a)	TOC Elevation (feet amsl) (a)		Depth (feet bgs)	Screen Length (feet)	Depth (feet bgs)	Elevation (feet amsl)			
Monitoring Wells															
MW-01-32	9/2/2020	2	Stick-up	333816.71	2269949.35	815.57	818.92	35.20	32	10	22	-	32	783.57	- 793.57
MW-01-63	8/12/2021	2	Stick-up	333812.03	2269953.08	815.79	818.61	65.90	63	5	58	-	63	752.79	- 757.79
MW-02-25	9/3/2020	2	Stick-up	334023.92	2269926.16	809.17	812.09	27.91	25	10	15	-	25	784.17	- 794.17
MW-02-55	7/27/2021	2	Stick-up	334020.77	2269934.80	809.54	812.35	58.84	80	10	45	-	55	754.54	- 764.54
MW-03-25	9/15/2020	2	Stick-up	333980.55	2270092.48	808.92	811.80	28.13	25	10	15	-	25	783.92	- 793.92
MW-04-29	9/16/2020	2	Stick-up	333878.74	2270204.16	808.92	811.87	31.61	29	10	18	-	28	780.92	- 790.92
MW-05-30	9/15/2020	2	Stick-up	333744.94	2270169.92	812.37	815.29	33.08	30	10	20	-	30	782.37	- 792.37
MW-05-60	8/12/2021	2	Stick-up	333750.36	2270171.73	812.29	815.33	64.25	60	5	55	-	60	752.29	- 757.29
MW-06-32	9/16/2020	2	Stick-up	333672.80	2270096.32	815.81	818.75	35.05	32	10	22	-	32	783.81	- 793.81
MW-06-60	8/12/2021	2	Stick-up	333665.98	2270092.52	816.10	819.30	65.27	60	5	55	-	60	756.10	- 761.10
MW-06-100	8/11/2022	2	Stick-up	333662.24	2270098.80	816.10	818.92	103.91	100	5	95	-	100	716.10	721.10
MW-07-32	9/16/2020	2	Stick-up	333646.32	2269910.76	815.62	818.55	35.01	32	10	22	-	32	783.62	- 793.62
MW-07-60	8/10/2021	2	Stick-up	333652.99	2269913.63	815.61	818.50	63.91	60	5	55	-	60	755.61	- 760.61
MW-08-27	9/15/2020	2	Stick-up	333744.16	2269841.41	810.75	813.72	29.96	27	10	17	-	27	783.75	- 793.75
MW-09-33	7/30/2021	2	Stick-up	333619.67	2270008.95	818.88	821.70	35.81	33	10	23	-	33	785.88	- 795.88
MW-09-60	8/10/2021	2	Stick-up	333610.49	2270011.26	818.98	821.68	64.15	63	5	55	-	60	758.98	- 763.98
MW-10-32	8/2/2021	2	Stick-up	333768.54	2269993.94	816.25	819.18	35.60	35	10	22	-	32	784.25	- 794.25
MW-11-32	8/2/2021	2	Stick-up	333723.36	2270041.37	816.69	819.57	35.26	35	10	22	-	32	784.69	- 794.69
MW-12-31	7/26/2021	2	Stick-up	333603.80	2270172.41	814.25	817.06	34.10	40	10	21	-	31	783.25	- 793.25
MW-13-33	7/30/2021	2	Stick-up	333535.15	2269914.12	818.65	821.46	37.09	35	10	23	-	33	785.65	- 795.65
MW-14-31	8/2/2021	2	Stick-up	333878.04	2269880.71	813.04	816.14	34.15	35	10	21	-	31	782.04	- 792.04
MW-15-32	7/31/2021	2	Stick-up	333545.82	2270087.38	818.66	821.51	36.11	35	10	22	-	32	786.66	- 796.66
MW-16-29	7/31/2021	2	Stick-up	333699.92	2270269.98	812.81	815.76	33.53	35	10	19	-	29	783.81	- 793.81
MW-17-20	12/1/2021	2	Stick-up	333931.57	2269806.06	803.94	806.76	22.80	20	10	10	-	20	783.94	- 793.94
MW-18-31	8/12/2022	2	Stick-up	333797.78	2269914.15	814.79	817.61	33.35	35	10	21	-	31	783.79	793.79
Remediation Wells															
RW-1	6/17/2021	2	Flush Mount	333898.31	2269950.79	814.46	814.2 (b)	31.6	33	15	15	-	32	782.46	- 799.46
RW-2	6/16/2021	2	Flush Mount	333885.20	2269973.01	814.50	814.2 (b)	31.6	33	15	15	-	32	782.50	- 799.50
RW-3	6/17/2021	2	Flush Mount	333891.29	2269928.90	814.61	814.24	31.6	33	15	15	-	32	782.61	- 799.61
RW-4	6/17/2021	2	Flush Mount	333884.46	2269938.00	814.72	814.4 (b)	31.6	33	15	15	-	32	782.72	- 799.72
RW-5	6/16/2021	2	Flush Mount	333872.42	2269956.16	814.88	814.4 (b)	31.6	33	15	15	-	32	782.88	- 799.88
RW-6	6/17/2021	2	Flush Mount	333875.12	2269927.07	814.69	814.4 (b)	31.6	33	15	15	-	32	782.69	- 799.69
RW-7	6/16/2021	2	Flush Mount	333867.15	2269939.29	814.97	814.8 (b)	31.6	33	15	15	-	32	782.97	- 799.97
RW-8	6/15/2021	2	Flush Mount	333856.54	2269950.04	815.15	814.8 (b)	31.6	33	15	15	-	32	783.15	- 800.15
RW-9	6/15/2021	2	Flush Mount	333849.90	2269928.06	815.28	814.8 (b)	31.6	33	15	15	-	32	783.28	- 800.28
RW-10	8/13/2021	4	Flush Mount	333864.97	2269908.08	814.80	814.36	31.6	33	15	15	-	32	782.80	- 799.80
RW-11	8/13/2021	4	Flush Mount	333833.97	2269911.02	814.96	814.39	31.6	33	15	15	-	32	782.96	- 799.96

a/ Horizontal and vertical locations based on survey by TriMedia Environmental & Engineering of Marquette, MI. Locations relative to Wisconsin State Plane Coordinate System, South Zone (NAD83), U.S. survey feet, and the NAVD1988 datum.

b/ Top of casing elevation not determined due to installation of free product recovery pump at time of survey. Value shown is estimated based on ground surface elevation.

TOC = top of casing

ft amsl = feet above mean sea level

ft btoc = feet below top of casing

Table 2

Monitoring Well Sampling Analytical Results - August 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-06-100	08/23/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-18-31	08/23/22	13,400	133	1,410	211.2 J	445 J	<146	<119	<113	<32.0
	08/23/22 - Duplicate	13,400	140	1,440	204 J	508	<146	<119	<113	<32.0
Trip Blank	08/23/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
Equipment Blank	08/23/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

Monitoring Well Sampling Analytical Results - August 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 (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Residential Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Commercial Vapor Risk Screening Level (b)	NE	NE	NE	NE	NE	NE	NE	NE	NE
MW-06-100	08/23/22	6	7.42	1.01	26.4	0.00	17.63	-554	Clear	None
MW-18-31	08/23/22	15.00	7.21	0.911	2.9	4.75	14.28	-294	Clear	Slight
	08/23/22 - Duplicate	--	--	--	--	--	--	--	--	--
Trip Blank	08/23/22	--	--	--	--	--	--	--	--	--
Equipment Blank	08/23/22	--	--	--	--	--	--	--	--	--

Table 2

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

Volatile Organic Compounds

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

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commercial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

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

In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10⁻⁵, 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.

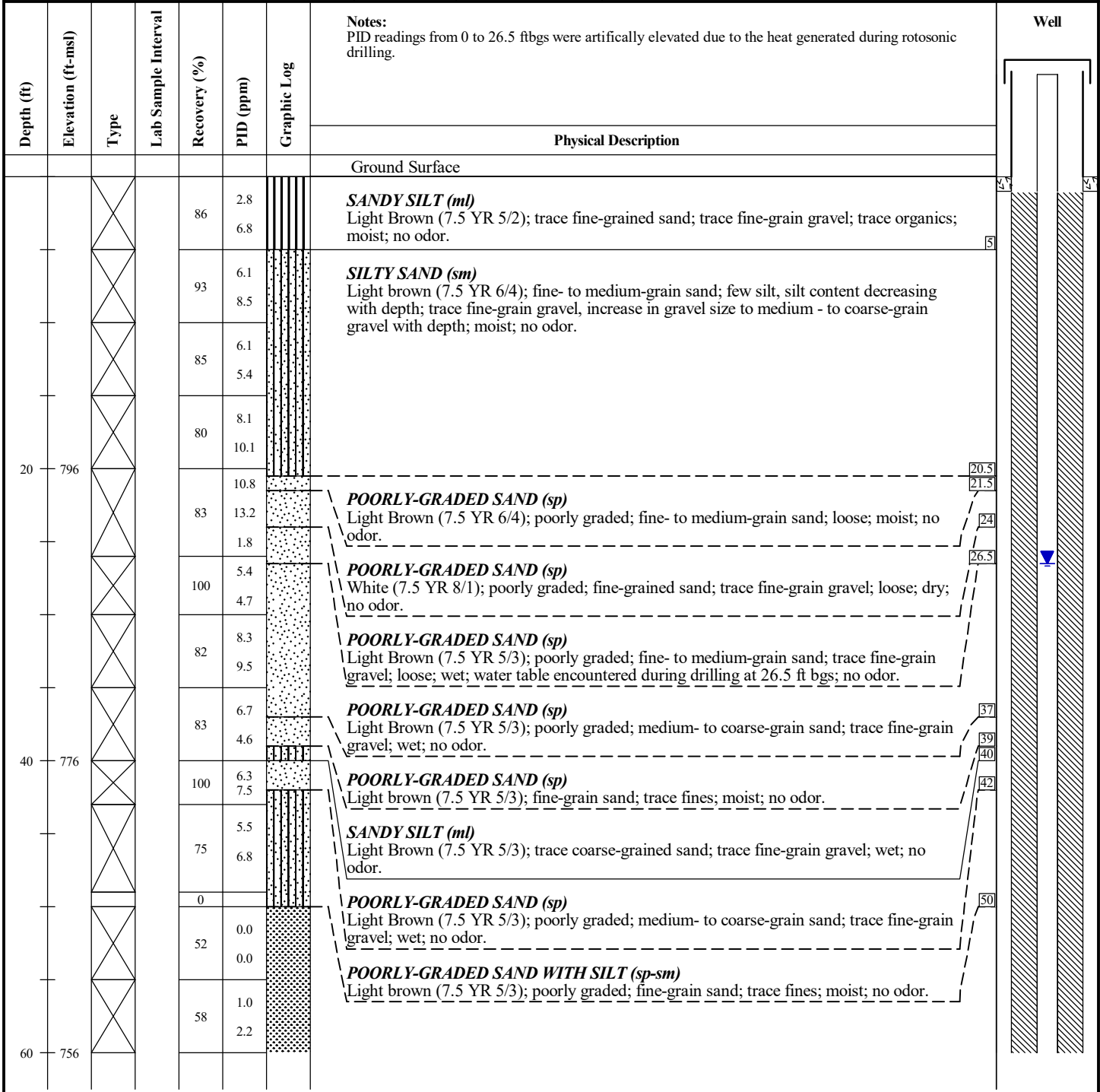
ug/L = Micrograms per liter.

ENCLOSURE A – BORING LOGS AND WDNR FORMS



Project Name: ENB LN13 MP312 Valve Site	Client: Enbridge Energy LP	Location: Fort Atkinson, WI	Boring Log: MW-06-100
Drilled By: Environmental Works/Josh Parks	Drill Start Date: 8/10/22	Drill End Date: 8/11/2022	Drill Method: Rotasonic
Logged By: Matt Grady	Total Depth (ft): 100.5	Bore Diameter (in): 6	Ground Surface (ft-msl): 816.10
Coordinates (X/Y): 2270098.8/333662.24	Well Permit Number: NA	Top-of-Casing (ft-msl): 818.92	

Well Construction			Annulus	
Material	Diameter (in)	Depth (ft)	Material	Depth (ft)
Screen: 0.01-inch Schedule 40 PVC Screen	2	95 to 100	Filter Pack: 10/15 Sand	92 to 100
Riser: Schedule 40 PVC Riser	2	-3 to 95	Seal: Fine-sand Seal	90 to 92
Other:			Other: Hydrated Bentonite Chips	87 to 90
			Bentonite Grout	0 to 87





Project Name: ENB LN13 MP312 Valve Site			Client: Enbridge Energy LP			Location: Fort Atkinson, WI			Boring Log: MW-06-100		
Depth (ft)	Elevation (ft-MSL)	Type	Lab Sample Interval	Recovery (%)	PID (ppm)	Graphic Log	Notes:			Well	
							PID readings from 0 to 26.5 ftbgs were artificially elevated due to the heat generated during rotosonic drilling.				
							Physical Description				
80	736	X		80	1.0		WELL-GRADED SAND (sw)				
					2.2		Light Brown (7.5 YR 5/3); well graded, poorly graded from 70 to 72 ftbgs; fine- to medium-grain sand; trace coarse-grain gravel from 55-60 ftbgs; loose; wet; no odor. (continued)				
				77	0.0						
					0.5						
				78	0.0						
					0.0		WELL-GRADED SAND WITH GRAVEL (sw)				
							Light Brown (7.5 YR 5/3); well graded; coarse-grain sand; little coarse-grain gravel; loose; wet; no odor.				
				81	4.9						
					11.0		POORLY-GRADED SAND (sp)				
							Light Brown (7.5 YR 5/3); well graded; coarse-grain sand; trace coarse-grain gravel, increase to little gravel with depth; trace cobbles; loose; wet; no odor.				
		WELL-GRADED SAND WITH GRAVEL (sw)									
		Light Brown (7.5 YR 5/4); well graded; coarse-grain sand; little coarse-grain gravel; loose; wet; no odor.									
		POORLY-GRADED SAND (sp)									
		Light Brown (7.5 YR 6/4); poorly graded; medium- to coarse-grain sand; loose; wet; no odor.									
		WELL-GRADED SAND WITH GRAVEL (sw)									
		Light Brown (7.5 YR 5/4); well graded; coarse-grain sand; some coarse-grain gravel; loose; wet; no odor.									
		WELL-GRADED GRAVEL WITH SAND (gw)									
		Light Brown (7.5 YR 6/3); well graded; fine- to coarse-grain gravel; little coarse-grain sand; loose; wet; no odor.									
		POORLY-GRADED SAND (sp)									
		Light Brown (7.5 YR 6/4); poorly graded; fine- to medium-grain sand; trace fine-grain gravel; loose; moist; no odor.									
		Bottom of boring at 100.5 feet.									

Facility/Project Name LN13MP312 Valve Site	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> E. <input type="checkbox"/> S. <input type="checkbox"/> W.	Well Name MW-06-100
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " " Long. " "	Wis. Unique Well No. <input type="checkbox"/> DNR Well ID No. <input type="checkbox"/>
Facility ID	St. Plane <u>333662.24</u> ft. N, <u>2270098.80</u> ft. E. S/C/N	Date Well Installed <u>08/11/2022</u> m m d d y y y y
Type of Well Well Code <u>11</u> / MW	Section Location of Waste/Source NW 1/4 of SW 1/4 of Sec. <u>8</u> , T. <u>5</u> N, R. <u>14</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm <u>Josh Parks</u> <u>Environmental Works Inc.</u>
Distance from Waste/Source <input type="checkbox"/> ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input checked="" type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Gov. Lot Number

A. Protective pipe, top elevation ----- ft. MSL

B. Well casing, top elevation 818.92 ft. MSL

C. Land surface elevation 816.10 ft. MSL

D. Surface seal, bottom ----- ft. MSL or ----- ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

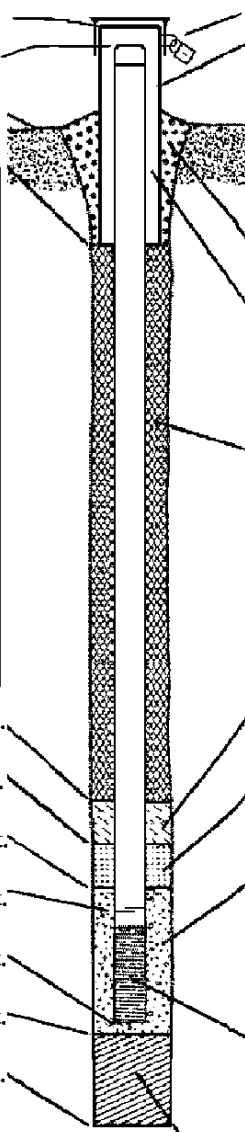
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
Hollow Stem Auger 41
Rotosonic Other

15. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

16. Drilling additives used? Yes No
Describe N/A

17. Source of water (attach analysis, if required):
Potable Water - City of Fort Atkinson



1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: 3 in.
b. Length: 4 ft.
c. Material: Steel 04
Other

d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Other

5. Annular space seal: a. Granular/Chipped Bentonite 33
b. _____ Lbs/gal mud weight... Bentonite-sand slurry 35
c. _____ Lbs/gal mud weight... Bentonite slurry 31
d. _____ % Bentonite... Bentonite-cement grout 50
e. 17.5 Ft³ volume added for any of the above
f. How installed: Tremie 01
Tremie pumped 02
Gravity 08

6. Bentonite seal: a. Bentonite granules 33
b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
a. Fine Silica Sand
b. Volume added .5 ft³

8. Filter pack material: Manufacturer, product name & mesh size
a. 20/40 Silica Sand
b. Volume added 1.57 ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: Sch 40 PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other

b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 5 ft.

11. Backfill material (below filter pack): None 14
Other

E. Bentonite seal, top ----- ft. MSL or 0 ft.

F. Fine sand, top ----- ft. MSL or 90 ft.

G. Filter pack, top ----- ft. MSL or 92 ft.

H. Screen joint, top ----- ft. MSL or 95 ft.

I. Well bottom ----- ft. MSL or 100 ft.

J. Filter pack, bottom ----- ft. MSL or 100 ft.

K. Borehole, bottom ----- ft. MSL or 100 ft.

L. Borehole, diameter 6 in.

M. O.D. well casing 2.375 in.

N. I.D. well casing 2.067 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Jim Huff Firm WSP

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name LN13MP312 Valve Site	County Name Jefferson	Well Name MW-06-100
Facility License, Permit or Monitoring Number	County Code 28	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other Surged with pump, and pumped _____

3. Time spent developing well 150 min.

4. Depth of well (from top of well casing) 103.91 ft.

5. Inside diameter of well 2.067 in.

6. Volume of water in filter pack and well casing 12.33 gal.

7. Volume of water removed from well 110 0 gal.

8. Volume of water added (if any) 0 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

17. Additional comments on development:

11. Depth to Water (from top of well casing)

	Before Development	After Development
a. _____ ft.	2.4	26.81
b. Date _____	08 / 12 / 2022	08 / 12 / 2022
	m m d d y y y y	m m d d y y y y
c. Time _____	09 : 15 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.	11 : 45 <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.

11. Depth to Water (from top of well casing)

b. Date _____

c. Time _____

12. Sediment in well bottom _____ inches

13. Water clarity

Clear <input type="checkbox"/> 10	Clear <input checked="" type="checkbox"/> 20
Turbid <input checked="" type="checkbox"/> 15	Turbid <input type="checkbox"/> 25
(Describe) Cloudy	(Describe) Clear

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l

15. COD _____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Timothy Last Name: Huff
Firm: WSP

Name and Address of Facility Contact /Owner/Responsible Party

First Name: Karl Last Name: Beaster

Facility/Firm: Enbridge Energy LP

Street: 11 East Superior St, Suite 125

City/State/Zip: Duluth, MN 55802

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: *Tim Huff*

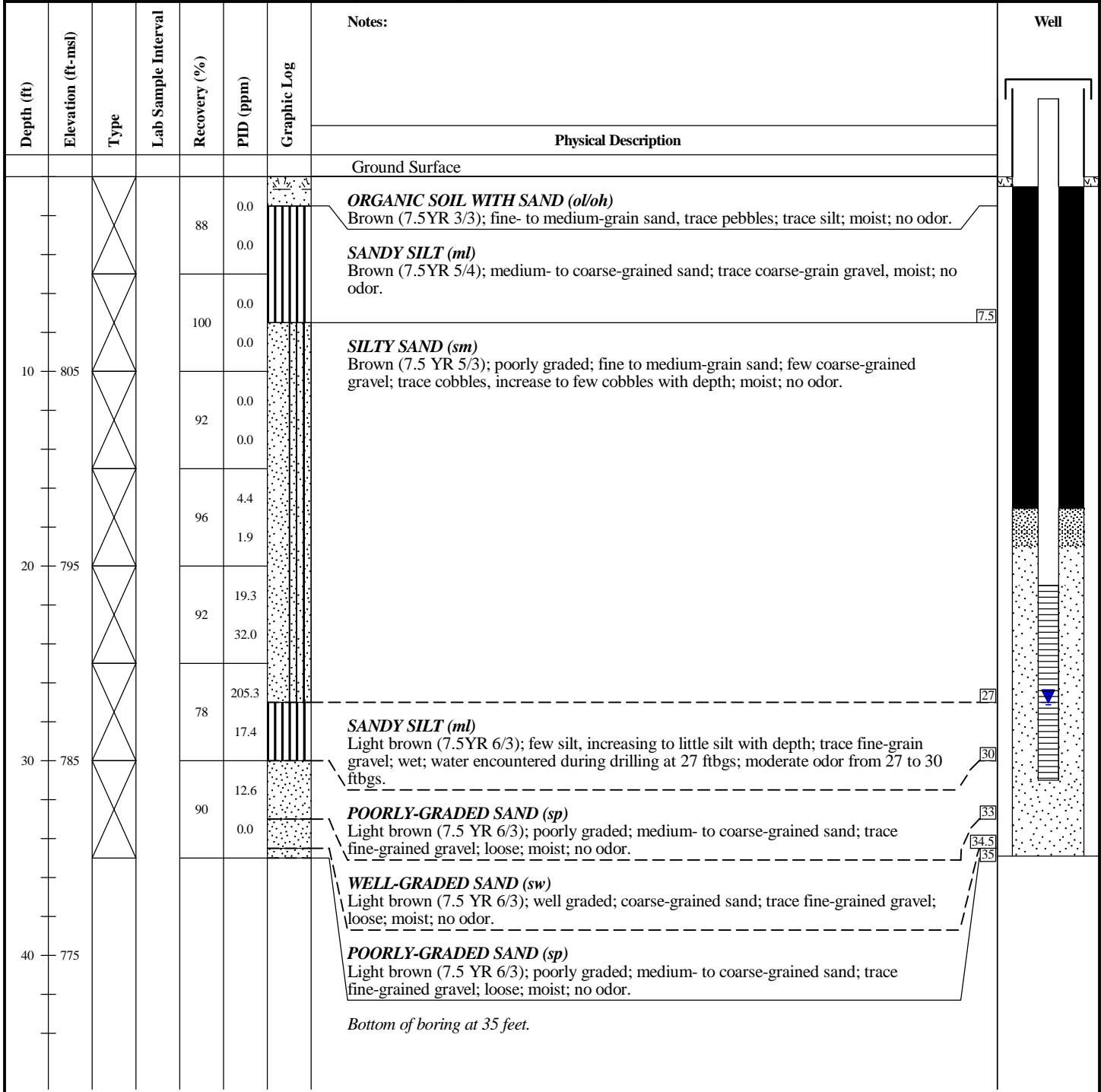
Print Name: Timothy Huff

Firm: WSP



Project Name: ENB LN13 MP312 Valve Site	Client: Enbridge Energy LP	Location: Fort Atkinson, WI	Boring Log: MW-18-31
Drilled By: Environmental Works/Josh Parks	Drill Start Date: 8/12/22	Drill End Date: 8/12/2022	Drill Method: Rotosonic
Logged By: Matt Grady	Total Depth (ft): 35	Bore Diameter (in): 6	Ground Surface (ft-msl): 814.79
Coordinates (X/Y): 2269914.15/333797.78	Well Permit Number: NA	Top-of-Casing (ft-msl): 817.61	

Well Construction			Annulus	
Material	Diameter (in)	Depth (ft)	Material	Depth (ft)
Screen: 0.01-inch Schedule 40 PVC Screen	2	21 to 31	Filter Pack: 10/15 Sand	19 to 35
Riser: Schedule 40 PVC Riser	2	-3 to 31	Seal: Fine-sand Seal	17 to 19
Other:			Other: Hydrated Bentonite Chips	0 to 17



Facility/Project Name LN13MP312 Valve Site	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name MW-18-31
Facility License, Permit or Monitoring No.	Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Well Location <input type="checkbox"/> Lat. " Long. " or	Wis. Unique Well No. DNR Well ID No.
Facility ID	St. Plane 333797.78 ft. N, 2269914.15 ft. E. S/C/N	Date Well Installed 08 / 12 / 2022 m m d d y y y y
Type of Well Well Code 11 / MW	Section Location of Waste/Source NW 1/4 of SW 1/4 of Sec. 8, T. 5 N, R. 14 <input type="checkbox"/> E <input type="checkbox"/> W	Well Installed By: Name (first, last) and Firm Josh Parks Environmental Works Inc.
Distance from Waste/Source _____ ft.	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	
Enf. Stds. Apply <input type="checkbox"/>	Gov. Lot Number	

A. Protective pipe, top elevation _____ ft. MSL
 B. Well casing, top elevation 817.61 ft. MSL
 C. Land surface elevation 814.79 ft. MSL
 D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
 GP GM GC GW SW SP
 SM SC ML MH CL CH
 Bedrock

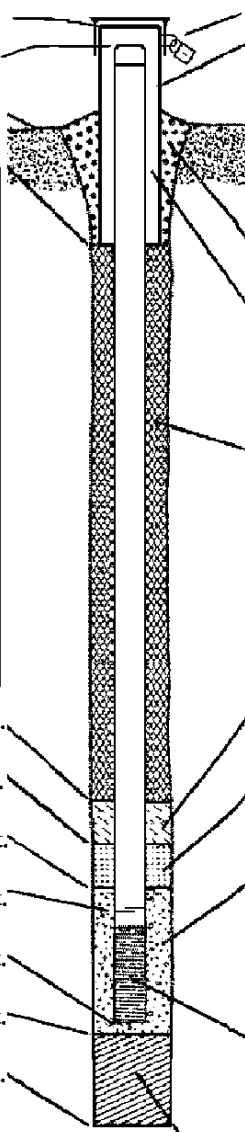
13. Sieve analysis performed? Yes No

14. Drilling method used: Rotary 50
 Hollow Stem Auger 41
 Other

15. Drilling fluid used: Water 02 Air 01
 Drilling Mud 03 None 99

16. Drilling additives used? Yes No
 Describe N/A

17. Source of water (attach analysis, if required):



1. Cap and lock? Yes No

2. Protective cover pipe:
 a. Inside diameter: 3 in.
 b. Length: 4 ft.
 c. Material: Steel 04
 Other
 d. Additional protection? Yes No
 If yes, describe:

3. Surface seal: Bentonite 30
 Concrete 01
 Other

4. Material between well casing and protective pipe:
 Bentonite 30
 Clean sand

5. Annular space seal: a. Granular/Chipped Bentonite 33
 b. _____ Lbs/gal mud weight... Bentonite-sand slurry 35
 c. _____ Lbs/gal mud weight... Bentonite slurry 31
 d. _____ % Bentonite... Bentonite-cement grout 50
 e. 3.3 Ft³ volume added for any of the above
 f. How installed: Tremie 01
 Tremie pumped 02
 Gravity 08

6. Bentonite seal: a. Bentonite granules 33
 b. 1/4 in. 3/8 in. 1/2 in. Bentonite chips 32
 c. _____ Other

7. Fine sand material: Manufacturer, product name & mesh size
 a. Fine Silica Sand
 b. Volume added .5 ft³

8. Filter pack material: Manufacturer, product name & mesh size
 a. 20/40 Silica Sand
 b. Volume added 3.2 ft³

9. Well casing: Flush threaded PVC schedule 40 23
 Flush threaded PVC schedule 80 24
 Other

10. Screen material: Sch 40 PVC
 a. Screen type: Factory cut 11
 Continuous slot 01
 Other
 b. Manufacturer
 c. Slot size: 0.010 in.
 d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None 14
 Other

E. Bentonite seal, top _____ ft. MSL or 0 ft.
 F. Fine sand, top _____ ft. MSL or 17 ft.
 G. Filter pack, top _____ ft. MSL or 19 ft.
 H. Screen joint, top _____ ft. MSL or 21 ft.
 I. Well bottom _____ ft. MSL or 31 ft.
 J. Filter pack, bottom _____ ft. MSL or 35 ft.
 K. Borehole, bottom _____ ft. MSL or 35 ft.
 L. Borehole, diameter 6 in.
 M. O.D. well casing 2.375 in.
 N. I.D. well casing 2.067 in.

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Tim Huff* Firm WSP

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

Route to: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

Facility/Project Name LN13MP312 Valve Site	County Name Jefferson	Well Name MW-18-31
Facility License, Permit or Monitoring Number	County Code 28	Wis. Unique Well Number _____
		DNR Well ID Number _____

1. Can this well be purged dry? Yes No

2. Well development method
- surged with bailer and bailed 41
 - surged with bailer and pumped 61
 - surged with block and bailed 42
 - surged with block and pumped 62
 - surged with block, bailed and pumped 70
 - compressed air 20
 - bailed only 10
 - pumped only 51
 - pumped slowly 50
 - Other Surged with pump, and pumped _____

3. Time spent developing well 50 min.

4. Depth of well (from top of well casing) 33.35 ft.

5. Inside diameter of well 2.067 in.

6. Volume of water in filter pack and well casing 1.08 gal.

7. Volume of water removed from well 110 0 gal.

8. Volume of water added (if any) 0 0 gal.

9. Source of water added _____

10. Analysis performed on water added? Yes No
(If yes, attach results)

17. Additional comments on development:

11. Depth to Water (from top of well casing)

	Before Development	After Development
a. _____ ft.	<u>26.59</u> ft.	<u>26.60</u> ft.
b. Date	<u>08 / 12 / 2022</u>	<u>08 / 12 / 2022</u>
	m m d d y y y y	m m d d y y y y
c. Time	<u>13 : 55</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.	<u>14 : 45</u> <input type="checkbox"/> a.m. <input checked="" type="checkbox"/> p.m.

12. Sediment in well bottom _____ inches

13. Water clarity

Clear <input type="checkbox"/> 10	Clear <input checked="" type="checkbox"/> 20
Turbid <input checked="" type="checkbox"/> 15	Turbid <input type="checkbox"/> 25
(Describe) _____	(Describe) _____

12. Sediment in well bottom _____ inches

13. Water clarity

Clear <input type="checkbox"/> 10	Clear <input checked="" type="checkbox"/> 20
Turbid <input checked="" type="checkbox"/> 15	Turbid <input type="checkbox"/> 25
(Describe) _____	(Describe) _____

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids _____ mg/l _____ mg/l

15. COD _____ mg/l _____ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Joe Last Name: Kiel
Firm: WSP

Name and Address of Facility Contact/Owner/Responsible Party

First Name: Karl Last Name: Beaster

Facility/Firm: Enbridge Energy LP

Street: 11 East Superior St, Suite 125

City/State/Zip: Duluth, MN 55802

I hereby certify that the above information is true and correct to the best of my knowledge.

Signature: *Tim Huff*

Print Name: Timothy Huff

Firm: WSP

ENCLOSURE B – LABORATORY REPORT

August 29, 2022

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

RE: Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

Dear Timothy Huff:

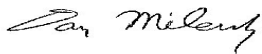
Enclosed are the analytical results for sample(s) received by the laboratory on August 24, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Matt Grady, WSP USA - MADISON
Cal Johnson, WSP USA - MADISON



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250290001	MW-06-100	Water	08/23/22 10:20	08/24/22 08:35
40250290002	MW-18-31	Water	08/23/22 12:15	08/24/22 08:35
40250290003	DUP082322	Water	08/23/22 00:00	08/24/22 08:35
40250290004	EB082322	Water	08/23/22 12:30	08/24/22 08:35
40250290005	TB082322	Water	08/23/22 00:00	08/24/22 08:35

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40250290001	MW-06-100	EPA 8260	EIB	68
40250290002	MW-18-31	EPA 8260	EIB	68
40250290003	DUP082322	EPA 8260	EIB	68
40250290004	EB082322	EPA 8260	EIB	68
40250290005	TB082322	EPA 8260	EIB	68

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: **MW-06-100** Lab ID: **40250290001** Collected: 08/23/22 10:20 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/25/22 21:08	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/25/22 21:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/25/22 21:08	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		08/25/22 21:08	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/25/22 21:08	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/25/22 21:08	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/25/22 21:08	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/25/22 21:08	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		08/25/22 21:08	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/25/22 21:08	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/25/22 21:08	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/25/22 21:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/25/22 21:08	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/25/22 21:08	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/25/22 21:08	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/25/22 21:08	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/25/22 21:08	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/25/22 21:08	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/25/22 21:08	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/25/22 21:08	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		08/25/22 21:08	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/25/22 21:08	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/25/22 21:08	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		08/25/22 21:08	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/25/22 21:08	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/25/22 21:08	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/25/22 21:08	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		08/25/22 21:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/25/22 21:08	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/25/22 21:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/25/22 21:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/25/22 21:08	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		08/25/22 21:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/25/22 21:08	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		08/25/22 21:08	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/25/22 21:08	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/25/22 21:08	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/25/22 21:08	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/25/22 21:08	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/25/22 21:08	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/25/22 21:08	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/25/22 21:08	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/25/22 21:08	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		08/25/22 21:08	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/25/22 21:08	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

Sample: MW-06-100 **Lab ID: 40250290001** Collected: 08/23/22 10:20 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		08/25/22 21:08	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		08/25/22 21:08	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/25/22 21:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/25/22 21:08	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/25/22 21:08	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/25/22 21:08	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/25/22 21:08	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/25/22 21:08	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		08/25/22 21:08	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		08/25/22 21:08	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/25/22 21:08	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		08/25/22 21:08	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		08/25/22 21:08	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/25/22 21:08	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		08/25/22 21:08	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/25/22 21:08	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/25/22 21:08	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/25/22 21:08	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/25/22 21:08	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		08/25/22 21:08	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/25/22 21:08	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		08/25/22 21:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		08/25/22 21:08	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: MW-18-31 **Lab ID: 40250290002** Collected: 08/23/22 12:15 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<35.5	ug/L	100	35.5	100		08/25/22 21:29	630-20-6	
1,1,1-Trichloroethane	<30.3	ug/L	100	30.3	100		08/25/22 21:29	71-55-6	
1,1,2,2-Tetrachloroethane	<37.8	ug/L	100	37.8	100		08/25/22 21:29	79-34-5	
1,1,2-Trichloroethane	<34.4	ug/L	500	34.4	100		08/25/22 21:29	79-00-5	
1,1-Dichloroethane	<29.6	ug/L	100	29.6	100		08/25/22 21:29	75-34-3	
1,1-Dichloroethene	<58.2	ug/L	100	58.2	100		08/25/22 21:29	75-35-4	
1,1-Dichloropropene	<41.0	ug/L	100	41.0	100		08/25/22 21:29	563-58-6	
1,2,3-Trichlorobenzene	<102	ug/L	500	102	100		08/25/22 21:29	87-61-6	
1,2,3-Trichloropropane	<55.5	ug/L	500	55.5	100		08/25/22 21:29	96-18-4	
1,2,4-Trichlorobenzene	<95.1	ug/L	500	95.1	100		08/25/22 21:29	120-82-1	
1,2,4-Trimethylbenzene	<44.9	ug/L	100	44.9	100		08/25/22 21:29	95-63-6	
1,2-Dibromo-3-chloropropane	<237	ug/L	500	237	100		08/25/22 21:29	96-12-8	
1,2-Dibromoethane (EDB)	<30.9	ug/L	100	30.9	100		08/25/22 21:29	106-93-4	
1,2-Dichlorobenzene	<32.6	ug/L	100	32.6	100		08/25/22 21:29	95-50-1	
1,2-Dichloroethane	<29.2	ug/L	100	29.2	100		08/25/22 21:29	107-06-2	
1,2-Dichloropropane	<44.8	ug/L	100	44.8	100		08/25/22 21:29	78-87-5	
1,3,5-Trimethylbenzene	<35.7	ug/L	100	35.7	100		08/25/22 21:29	108-67-8	
1,3-Dichlorobenzene	<35.1	ug/L	100	35.1	100		08/25/22 21:29	541-73-1	
1,3-Dichloropropane	<30.5	ug/L	100	30.5	100		08/25/22 21:29	142-28-9	
1,4-Dichlorobenzene	<89.2	ug/L	100	89.2	100		08/25/22 21:29	106-46-7	
2,2-Dichloropropane	<418	ug/L	500	418	100		08/25/22 21:29	594-20-7	
2-Chlorotoluene	<89.0	ug/L	500	89.0	100		08/25/22 21:29	95-49-8	
4-Chlorotoluene	<89.4	ug/L	500	89.4	100		08/25/22 21:29	106-43-4	
Benzene	13400	ug/L	100	29.5	100		08/25/22 21:29	71-43-2	
Bromobenzene	<36.1	ug/L	100	36.1	100		08/25/22 21:29	108-86-1	
Bromochloromethane	<35.8	ug/L	500	35.8	100		08/25/22 21:29	74-97-5	
Bromodichloromethane	<41.5	ug/L	100	41.5	100		08/25/22 21:29	75-27-4	
Bromoform	<380	ug/L	500	380	100		08/25/22 21:29	75-25-2	
Bromomethane	<119	ug/L	500	119	100		08/25/22 21:29	74-83-9	
Carbon tetrachloride	<36.9	ug/L	100	36.9	100		08/25/22 21:29	56-23-5	
Chlorobenzene	<85.5	ug/L	100	85.5	100		08/25/22 21:29	108-90-7	
Chloroethane	<138	ug/L	500	138	100		08/25/22 21:29	75-00-3	
Chloroform	<118	ug/L	500	118	100		08/25/22 21:29	67-66-3	
Chloromethane	<164	ug/L	500	164	100		08/25/22 21:29	74-87-3	
Cyclohexane	445J	ug/L	500	129	100		08/25/22 21:29	110-82-7	
Dibromochloromethane	<264	ug/L	500	264	100		08/25/22 21:29	124-48-1	
Dibromomethane	<99.1	ug/L	500	99.1	100		08/25/22 21:29	74-95-3	
Dichlorodifluoromethane	<45.5	ug/L	500	45.5	100		08/25/22 21:29	75-71-8	
Diisopropyl ether	<110	ug/L	500	110	100		08/25/22 21:29	108-20-3	
Ethylbenzene	133	ug/L	100	32.5	100		08/25/22 21:29	100-41-4	
Hexachloro-1,3-butadiene	<274	ug/L	500	274	100		08/25/22 21:29	87-68-3	
Isopropylbenzene (Cumene)	<100	ug/L	500	100	100		08/25/22 21:29	98-82-8	
Methyl-tert-butyl ether	<113	ug/L	500	113	100		08/25/22 21:29	1634-04-4	
Methylcyclohexane	<119	ug/L	500	119	100		08/25/22 21:29	108-87-2	
Methylene Chloride	<31.9	ug/L	500	31.9	100		08/25/22 21:29	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

Sample: MW-18-31 **Lab ID: 40250290002** Collected: 08/23/22 12:15 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<113	ug/L	500	113	100		08/25/22 21:29	91-20-3	
Styrene	<35.6	ug/L	100	35.6	100		08/25/22 21:29	100-42-5	
Tetrachloroethene	<40.9	ug/L	100	40.9	100		08/25/22 21:29	127-18-4	
Toluene	1410	ug/L	100	28.8	100		08/25/22 21:29	108-88-3	
Trichloroethene	<32.0	ug/L	100	32.0	100		08/25/22 21:29	79-01-6	
Trichlorofluoromethane	<41.9	ug/L	100	41.9	100		08/25/22 21:29	75-69-4	
Vinyl chloride	<17.4	ug/L	100	17.4	100		08/25/22 21:29	75-01-4	
cis-1,2-Dichloroethene	<47.2	ug/L	100	47.2	100		08/25/22 21:29	156-59-2	
cis-1,3-Dichloropropene	<35.8	ug/L	100	35.8	100		08/25/22 21:29	10061-01-5	
m&p-Xylene	125J	ug/L	200	70.0	100		08/25/22 21:29	179601-23-1	
n-Butylbenzene	<85.7	ug/L	100	85.7	100		08/25/22 21:29	104-51-8	
n-Heptane	<163	ug/L	500	163	100		08/25/22 21:29	142-82-5	
n-Hexane	<146	ug/L	500	146	100		08/25/22 21:29	110-54-3	
n-Propylbenzene	<34.5	ug/L	100	34.5	100		08/25/22 21:29	103-65-1	
o-Xylene	86.2J	ug/L	100	34.8	100		08/25/22 21:29	95-47-6	
p-Isopropyltoluene	<104	ug/L	500	104	100		08/25/22 21:29	99-87-6	
sec-Butylbenzene	<42.4	ug/L	100	42.4	100		08/25/22 21:29	135-98-8	
tert-Butylbenzene	<58.6	ug/L	100	58.6	100		08/25/22 21:29	98-06-6	
trans-1,2-Dichloroethene	<52.8	ug/L	100	52.8	100		08/25/22 21:29	156-60-5	
trans-1,3-Dichloropropene	<346	ug/L	500	346	100		08/25/22 21:29	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		100		08/25/22 21:29	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		100		08/25/22 21:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		100		08/25/22 21:29	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: DUP082322 Lab ID: 40250290003 Collected: 08/23/22 00:00 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<35.5	ug/L	100	35.5	100		08/25/22 21:50	630-20-6	
1,1,1-Trichloroethane	<30.3	ug/L	100	30.3	100		08/25/22 21:50	71-55-6	
1,1,2,2-Tetrachloroethane	<37.8	ug/L	100	37.8	100		08/25/22 21:50	79-34-5	
1,1,2-Trichloroethane	<34.4	ug/L	500	34.4	100		08/25/22 21:50	79-00-5	
1,1-Dichloroethane	<29.6	ug/L	100	29.6	100		08/25/22 21:50	75-34-3	
1,1-Dichloroethene	<58.2	ug/L	100	58.2	100		08/25/22 21:50	75-35-4	
1,1-Dichloropropene	<41.0	ug/L	100	41.0	100		08/25/22 21:50	563-58-6	
1,2,3-Trichlorobenzene	<102	ug/L	500	102	100		08/25/22 21:50	87-61-6	
1,2,3-Trichloropropane	<55.5	ug/L	500	55.5	100		08/25/22 21:50	96-18-4	
1,2,4-Trichlorobenzene	<95.1	ug/L	500	95.1	100		08/25/22 21:50	120-82-1	
1,2,4-Trimethylbenzene	<44.9	ug/L	100	44.9	100		08/25/22 21:50	95-63-6	
1,2-Dibromo-3-chloropropane	<237	ug/L	500	237	100		08/25/22 21:50	96-12-8	
1,2-Dibromoethane (EDB)	<30.9	ug/L	100	30.9	100		08/25/22 21:50	106-93-4	
1,2-Dichlorobenzene	<32.6	ug/L	100	32.6	100		08/25/22 21:50	95-50-1	
1,2-Dichloroethane	<29.2	ug/L	100	29.2	100		08/25/22 21:50	107-06-2	
1,2-Dichloropropane	<44.8	ug/L	100	44.8	100		08/25/22 21:50	78-87-5	
1,3,5-Trimethylbenzene	<35.7	ug/L	100	35.7	100		08/25/22 21:50	108-67-8	
1,3-Dichlorobenzene	<35.1	ug/L	100	35.1	100		08/25/22 21:50	541-73-1	
1,3-Dichloropropane	<30.5	ug/L	100	30.5	100		08/25/22 21:50	142-28-9	
1,4-Dichlorobenzene	<89.2	ug/L	100	89.2	100		08/25/22 21:50	106-46-7	
2,2-Dichloropropane	<418	ug/L	500	418	100		08/25/22 21:50	594-20-7	
2-Chlorotoluene	<89.0	ug/L	500	89.0	100		08/25/22 21:50	95-49-8	
4-Chlorotoluene	<89.4	ug/L	500	89.4	100		08/25/22 21:50	106-43-4	
Benzene	13400	ug/L	100	29.5	100		08/25/22 21:50	71-43-2	
Bromobenzene	<36.1	ug/L	100	36.1	100		08/25/22 21:50	108-86-1	
Bromochloromethane	<35.8	ug/L	500	35.8	100		08/25/22 21:50	74-97-5	
Bromodichloromethane	<41.5	ug/L	100	41.5	100		08/25/22 21:50	75-27-4	
Bromoform	<380	ug/L	500	380	100		08/25/22 21:50	75-25-2	
Bromomethane	<119	ug/L	500	119	100		08/25/22 21:50	74-83-9	
Carbon tetrachloride	<36.9	ug/L	100	36.9	100		08/25/22 21:50	56-23-5	
Chlorobenzene	<85.5	ug/L	100	85.5	100		08/25/22 21:50	108-90-7	
Chloroethane	<138	ug/L	500	138	100		08/25/22 21:50	75-00-3	
Chloroform	<118	ug/L	500	118	100		08/25/22 21:50	67-66-3	
Chloromethane	<164	ug/L	500	164	100		08/25/22 21:50	74-87-3	
Cyclohexane	508	ug/L	500	129	100		08/25/22 21:50	110-82-7	
Dibromochloromethane	<264	ug/L	500	264	100		08/25/22 21:50	124-48-1	
Dibromomethane	<99.1	ug/L	500	99.1	100		08/25/22 21:50	74-95-3	
Dichlorodifluoromethane	<45.5	ug/L	500	45.5	100		08/25/22 21:50	75-71-8	
Diisopropyl ether	<110	ug/L	500	110	100		08/25/22 21:50	108-20-3	
Ethylbenzene	140	ug/L	100	32.5	100		08/25/22 21:50	100-41-4	
Hexachloro-1,3-butadiene	<274	ug/L	500	274	100		08/25/22 21:50	87-68-3	
Isopropylbenzene (Cumene)	<100	ug/L	500	100	100		08/25/22 21:50	98-82-8	
Methyl-tert-butyl ether	<113	ug/L	500	113	100		08/25/22 21:50	1634-04-4	
Methylcyclohexane	<119	ug/L	500	119	100		08/25/22 21:50	108-87-2	
Methylene Chloride	<31.9	ug/L	500	31.9	100		08/25/22 21:50	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: DUP082322 **Lab ID: 40250290003** Collected: 08/23/22 00:00 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<113	ug/L	500	113	100		08/25/22 21:50	91-20-3	
Styrene	<35.6	ug/L	100	35.6	100		08/25/22 21:50	100-42-5	
Tetrachloroethene	<40.9	ug/L	100	40.9	100		08/25/22 21:50	127-18-4	
Toluene	1440	ug/L	100	28.8	100		08/25/22 21:50	108-88-3	
Trichloroethene	<32.0	ug/L	100	32.0	100		08/25/22 21:50	79-01-6	
Trichlorofluoromethane	<41.9	ug/L	100	41.9	100		08/25/22 21:50	75-69-4	
Vinyl chloride	<17.4	ug/L	100	17.4	100		08/25/22 21:50	75-01-4	
cis-1,2-Dichloroethene	<47.2	ug/L	100	47.2	100		08/25/22 21:50	156-59-2	
cis-1,3-Dichloropropene	<35.8	ug/L	100	35.8	100		08/25/22 21:50	10061-01-5	
m&p-Xylene	119J	ug/L	200	70.0	100		08/25/22 21:50	179601-23-1	
n-Butylbenzene	<85.7	ug/L	100	85.7	100		08/25/22 21:50	104-51-8	
n-Heptane	<163	ug/L	500	163	100		08/25/22 21:50	142-82-5	
n-Hexane	<146	ug/L	500	146	100		08/25/22 21:50	110-54-3	
n-Propylbenzene	<34.5	ug/L	100	34.5	100		08/25/22 21:50	103-65-1	
o-Xylene	85.0J	ug/L	100	34.8	100		08/25/22 21:50	95-47-6	
p-Isopropyltoluene	<104	ug/L	500	104	100		08/25/22 21:50	99-87-6	
sec-Butylbenzene	<42.4	ug/L	100	42.4	100		08/25/22 21:50	135-98-8	
tert-Butylbenzene	<58.6	ug/L	100	58.6	100		08/25/22 21:50	98-06-6	
trans-1,2-Dichloroethene	<52.8	ug/L	100	52.8	100		08/25/22 21:50	156-60-5	
trans-1,3-Dichloropropene	<346	ug/L	500	346	100		08/25/22 21:50	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		100		08/25/22 21:50	2037-26-5	
4-Bromofluorobenzene (S)	113	%	70-130		100		08/25/22 21:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		100		08/25/22 21:50	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: EB082322 **Lab ID: 40250290004** Collected: 08/23/22 12:30 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/25/22 16:39	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/25/22 16:39	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/25/22 16:39	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		08/25/22 16:39	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/25/22 16:39	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/25/22 16:39	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/25/22 16:39	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/25/22 16:39	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		08/25/22 16:39	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/25/22 16:39	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/25/22 16:39	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/25/22 16:39	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/25/22 16:39	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/25/22 16:39	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/25/22 16:39	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/25/22 16:39	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/25/22 16:39	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/25/22 16:39	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/25/22 16:39	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/25/22 16:39	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		08/25/22 16:39	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/25/22 16:39	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/25/22 16:39	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		08/25/22 16:39	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/25/22 16:39	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/25/22 16:39	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/25/22 16:39	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		08/25/22 16:39	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/25/22 16:39	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/25/22 16:39	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/25/22 16:39	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/25/22 16:39	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		08/25/22 16:39	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/25/22 16:39	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		08/25/22 16:39	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/25/22 16:39	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/25/22 16:39	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/25/22 16:39	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/25/22 16:39	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/25/22 16:39	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/25/22 16:39	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/25/22 16:39	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/25/22 16:39	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		08/25/22 16:39	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/25/22 16:39	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

Sample: EB082322 **Lab ID: 40250290004** Collected: 08/23/22 12:30 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		08/25/22 16:39	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		08/25/22 16:39	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/25/22 16:39	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/25/22 16:39	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/25/22 16:39	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/25/22 16:39	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/25/22 16:39	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/25/22 16:39	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		08/25/22 16:39	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		08/25/22 16:39	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/25/22 16:39	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		08/25/22 16:39	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		08/25/22 16:39	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/25/22 16:39	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		08/25/22 16:39	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/25/22 16:39	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/25/22 16:39	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/25/22 16:39	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/25/22 16:39	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		08/25/22 16:39	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/25/22 16:39	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/25/22 16:39	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		08/25/22 16:39	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: TB082322 **Lab ID: 40250290005** Collected: 08/23/22 00:00 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		08/25/22 17:00	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		08/25/22 17:00	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		08/25/22 17:00	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		08/25/22 17:00	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		08/25/22 17:00	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		08/25/22 17:00	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		08/25/22 17:00	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		08/25/22 17:00	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		08/25/22 17:00	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		08/25/22 17:00	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		08/25/22 17:00	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		08/25/22 17:00	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		08/25/22 17:00	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		08/25/22 17:00	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		08/25/22 17:00	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		08/25/22 17:00	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		08/25/22 17:00	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		08/25/22 17:00	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		08/25/22 17:00	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		08/25/22 17:00	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		08/25/22 17:00	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/25/22 17:00	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		08/25/22 17:00	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		08/25/22 17:00	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		08/25/22 17:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		08/25/22 17:00	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		08/25/22 17:00	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		08/25/22 17:00	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		08/25/22 17:00	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		08/25/22 17:00	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		08/25/22 17:00	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		08/25/22 17:00	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		08/25/22 17:00	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		08/25/22 17:00	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		08/25/22 17:00	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		08/25/22 17:00	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		08/25/22 17:00	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		08/25/22 17:00	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		08/25/22 17:00	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		08/25/22 17:00	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		08/25/22 17:00	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		08/25/22 17:00	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		08/25/22 17:00	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		08/25/22 17:00	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		08/25/22 17:00	75-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

Sample: TB082322 **Lab ID: 40250290005** Collected: 08/23/22 00:00 Received: 08/24/22 08:35 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		08/25/22 17:00	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		08/25/22 17:00	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		08/25/22 17:00	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		08/25/22 17:00	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		08/25/22 17:00	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		08/25/22 17:00	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		08/25/22 17:00	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		08/25/22 17:00	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		08/25/22 17:00	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		08/25/22 17:00	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		08/25/22 17:00	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		08/25/22 17:00	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		08/25/22 17:00	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		08/25/22 17:00	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		08/25/22 17:00	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		08/25/22 17:00	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		08/25/22 17:00	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		08/25/22 17:00	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		08/25/22 17:00	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		08/25/22 17:00	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/25/22 17:00	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		08/25/22 17:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		08/25/22 17:00	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

QC Batch: 424383 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40250290001, 40250290002, 40250290003, 40250290004, 40250290005

METHOD BLANK: 2443811 Matrix: Water
Associated Lab Samples: 40250290001, 40250290002, 40250290003, 40250290004, 40250290005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	08/25/22 14:35	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	08/25/22 14:35	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	08/25/22 14:35	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	08/25/22 14:35	
1,1-Dichloroethane	ug/L	<0.30	1.0	08/25/22 14:35	
1,1-Dichloroethene	ug/L	<0.58	1.0	08/25/22 14:35	
1,1-Dichloropropene	ug/L	<0.41	1.0	08/25/22 14:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	08/25/22 14:35	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	08/25/22 14:35	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	08/25/22 14:35	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	08/25/22 14:35	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	08/25/22 14:35	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	08/25/22 14:35	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	08/25/22 14:35	
1,2-Dichloroethane	ug/L	<0.29	1.0	08/25/22 14:35	
1,2-Dichloropropane	ug/L	<0.45	1.0	08/25/22 14:35	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	08/25/22 14:35	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	08/25/22 14:35	
1,3-Dichloropropane	ug/L	<0.30	1.0	08/25/22 14:35	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	08/25/22 14:35	
2,2-Dichloropropane	ug/L	<4.2	5.0	08/25/22 14:35	
2-Chlorotoluene	ug/L	<0.89	5.0	08/25/22 14:35	
4-Chlorotoluene	ug/L	<0.89	5.0	08/25/22 14:35	
Benzene	ug/L	<0.30	1.0	08/25/22 14:35	
Bromobenzene	ug/L	<0.36	1.0	08/25/22 14:35	
Bromochloromethane	ug/L	<0.36	5.0	08/25/22 14:35	
Bromodichloromethane	ug/L	<0.42	1.0	08/25/22 14:35	
Bromoform	ug/L	<3.8	5.0	08/25/22 14:35	
Bromomethane	ug/L	<1.2	5.0	08/25/22 14:35	
Carbon tetrachloride	ug/L	<0.37	1.0	08/25/22 14:35	
Chlorobenzene	ug/L	<0.86	1.0	08/25/22 14:35	
Chloroethane	ug/L	<1.4	5.0	08/25/22 14:35	
Chloroform	ug/L	<1.2	5.0	08/25/22 14:35	
Chloromethane	ug/L	<1.6	5.0	08/25/22 14:35	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	08/25/22 14:35	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	08/25/22 14:35	
Cyclohexane	ug/L	<1.3	5.0	08/25/22 14:35	
Dibromochloromethane	ug/L	<2.6	5.0	08/25/22 14:35	
Dibromomethane	ug/L	<0.99	5.0	08/25/22 14:35	
Dichlorodifluoromethane	ug/L	<0.46	5.0	08/25/22 14:35	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

METHOD BLANK: 2443811 Matrix: Water
Associated Lab Samples: 40250290001, 40250290002, 40250290003, 40250290004, 40250290005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	08/25/22 14:35	
Ethylbenzene	ug/L	<0.33	1.0	08/25/22 14:35	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	08/25/22 14:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	08/25/22 14:35	
m&p-Xylene	ug/L	<0.70	2.0	08/25/22 14:35	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	08/25/22 14:35	
Methylcyclohexane	ug/L	<1.2	5.0	08/25/22 14:35	
Methylene Chloride	ug/L	<0.32	5.0	08/25/22 14:35	
n-Butylbenzene	ug/L	<0.86	1.0	08/25/22 14:35	
n-Heptane	ug/L	<1.6	5.0	08/25/22 14:35	
n-Hexane	ug/L	<1.5	5.0	08/25/22 14:35	
n-Propylbenzene	ug/L	<0.35	1.0	08/25/22 14:35	
Naphthalene	ug/L	<1.1	5.0	08/25/22 14:35	
o-Xylene	ug/L	<0.35	1.0	08/25/22 14:35	
p-Isopropyltoluene	ug/L	<1.0	5.0	08/25/22 14:35	
sec-Butylbenzene	ug/L	<0.42	1.0	08/25/22 14:35	
Styrene	ug/L	<0.36	1.0	08/25/22 14:35	
tert-Butylbenzene	ug/L	<0.59	1.0	08/25/22 14:35	
Tetrachloroethene	ug/L	<0.41	1.0	08/25/22 14:35	
Toluene	ug/L	<0.29	1.0	08/25/22 14:35	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	08/25/22 14:35	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	08/25/22 14:35	
Trichloroethene	ug/L	<0.32	1.0	08/25/22 14:35	
Trichlorofluoromethane	ug/L	<0.42	1.0	08/25/22 14:35	
Vinyl chloride	ug/L	<0.17	1.0	08/25/22 14:35	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	08/25/22 14:35	
4-Bromofluorobenzene (S)	%	111	70-130	08/25/22 14:35	
Toluene-d8 (S)	%	98	70-130	08/25/22 14:35	

LABORATORY CONTROL SAMPLE: 2443812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.3	99	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	57.8	116	69-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	51.8	104	70-130	
1,1-Dichloroethene	ug/L	50	50.2	100	74-131	
1,2,4-Trichlorobenzene	ug/L	50	50.9	102	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.8	92	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.4	93	70-130	
1,2-Dichlorobenzene	ug/L	50	53.7	107	70-130	
1,2-Dichloroethane	ug/L	50	50.5	101	70-137	
1,2-Dichloropropane	ug/L	50	53.5	107	80-121	
1,3-Dichlorobenzene	ug/L	50	52.2	104	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

LABORATORY CONTROL SAMPLE: 2443812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	46.5	93	70-130	
Benzene	ug/L	50	54.1	108	70-130	
Bromodichloromethane	ug/L	50	48.1	96	70-130	
Bromoform	ug/L	50	46.8	94	70-130	
Bromomethane	ug/L	50	36.5	73	21-147	
Carbon tetrachloride	ug/L	50	49.2	98	80-146	
Chlorobenzene	ug/L	50	52.2	104	70-130	
Chloroethane	ug/L	50	49.5	99	52-165	
Chloroform	ug/L	50	50.2	100	80-123	
Chloromethane	ug/L	50	39.5	79	51-122	
cis-1,2-Dichloroethene	ug/L	50	45.8	92	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.9	102	70-130	
Cyclohexane	ug/L	50	55.3	111	50-150	
Dibromochloromethane	ug/L	50	47.6	95	70-130	
Dichlorodifluoromethane	ug/L	50	17.8	36	25-121	
Ethylbenzene	ug/L	50	57.5	115	80-120	
Isopropylbenzene (Cumene)	ug/L	50	57.1	114	70-130	
m&p-Xylene	ug/L	100	112	112	70-130	
Methyl-tert-butyl ether	ug/L	50	47.8	96	70-130	
Methylcyclohexane	ug/L	50	48.7	97	50-150	
Methylene Chloride	ug/L	50	55.0	110	70-130	
o-Xylene	ug/L	50	53.5	107	70-130	
Styrene	ug/L	50	57.5	115	70-130	
Tetrachloroethene	ug/L	50	50.9	102	70-130	
Toluene	ug/L	50	51.7	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.1	90	70-130	
Trichloroethene	ug/L	50	51.5	103	70-130	
Trichlorofluoromethane	ug/L	50	50.7	101	65-160	
Vinyl chloride	ug/L	50	42.5	85	63-134	
1,2-Dichlorobenzene-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			116	70-130	
Toluene-d8 (S)	%			101	70-130	

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

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: MP312 FORT ATKINSON

Pace Project No.: 40250290

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MP312 FORT ATKINSON
Pace Project No.: 40250290

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250290001	MW-06-100	EPA 8260	424383		
40250290002	MW-18-31	EPA 8260	424383		
40250290003	DUP082322	EPA 8260	424383		
40250290004	EB082322	EPA 8260	424383		
40250290005	TB082322	EPA 8260	424383		

REPORT OF LABORATORY ANALYSIS

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



CHAIN-OF-CUSTODY Analytical Request Document

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

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

40250290

ALL SHADED AREAS are for LAB USE ONLY

Company: **WSP**

Address: **Madison**

Report To: **Tim Huff**

Copy To: **Matt Grady**

Customer Project Name/Number: **MP312 Fort Atkinson**

State: **WI** County/City: **Ft. Atkinson** Time Zone Collect: [] PT [] MT [] CT [] ET

Phone: **Hyothly grady @ wsp.com**

Site/Facility ID #: _____ Compliance Monitoring? [] Yes No

Collected By (print): **JDK** Purchase Order #: _____ DW PWS ID #: _____

Collected By (signature): *[Signature]* Turnaround Date Required: _____ DW Location Code: _____

Sample Disposal: [] Dispose as appropriate [] Return [] Archive: _____ [] Hold: _____ Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [] Yes No

Analysis: _____

Container Preservative Type **

Lab Project Manager:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analyses	Lab Profile/Line:
			Date	Time	Date	Time				
MMW-06-100	GW	Grab	08/23/22	1020	-	-	-	3		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:
MMW-18-31	GW	Grab	08/23/22	1215	-	-	-	3		
DUPO82322	GW	Grab	08/23/22	1200	-	-	-	3		
EB082322	-	-	08/23/22	1230	-	-	-	3		
TB082322	-	-	-	-	-	-	-	2		

* 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 Remarks / Special Conditions / Possible Hazards: _____

Type of Ice Used: Wet Blue Dry None

Packing Material Used: *[Signature]*

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

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

Lab Tracking #: **2828870**

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: _____ oC

Cooler 1 Corrected Temp: _____ oC

Comments: _____

Relinquished by/Company: (Signature) **WSP**
Joe Kiel

Date/Time: **08/23/22**

Relinquished by/Company: (Signature) **OS Logistics**

Date/Time: **08/24/22 0835**

Received by/Company: (Signature) **Pace Madison**

Date/Time: **08/23/22**

Received by/Company: (Signature) **Mau**

Date/Time: **08/24/22 0835**

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: **Page 20** of 22

Sample Preservation Receipt Form

Client Name: WSP

Project # 40250290

All containers needing preservation have been checked and noted below:

Yes No N/A

Lab Lot# of pH paper:

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

Initial when completed:

Date/Time:

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

mit 8/24/22

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

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: WSP

WO#: 40250290



40250290

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

Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 120 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 2 /Corr: 2

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

Person examining contents:

Date: 8/24/22 /Initials: mt

Labeled By Initials: TP

Temp should be above freezing to 6°C.

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3. <u>NO time mt 8/24/22</u>
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- DI VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC: <u>mt 8/24/22</u>	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>003 - one vial has no label on sample mt 8/24/22</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>484</u>		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

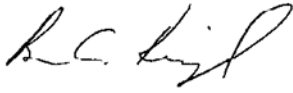
Comments/ Resolution: _____

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

ENCLOSURE C – HYDROGEOLOGIST CERTIFICATION

Monitoring Well Installation and Sampling Report
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.



09/30/2022

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

Date