

**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) Potable Well Sampling

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 checked="" type="radio"/> Yes <input type="radio"/> No
If yes, the sampled drinking water well had detectable contaminants. <input checked="" 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)

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## Attached are:

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

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

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

## Contact Information

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

### Environmental Consultant

Company Name		Contact Person Last Name		First Name	
WSP USA Inc.		Huff		Tim	
Address			City	State	ZIP Code
5957 McKee Road, Suite 7			Madison	WI	53719
Phone # (inc. area code)	Email				
(314) 206-4212	tim.huff@wsp.com				

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

### State of Wisconsin Department of Natural Resources

Contact Person Last Name		First Name		Phone # (inc. area code)	
Rice		Caroline		(608) 219-2182	
Address			City	State	ZIP Code
3911 Fish Hatchery Rd			Fitchburg	WI	53711
Email					
caroline.rice@wisconsin.gov					



April 25, 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: Potable Well Sampling Results – March 2022  
Enbridge Line 13 MP 312, Blackhawk Island Rd Valve Site, Ft. Atkinson, WI  
WDNR BRRTS #02-28-586199**

Dear Mr. Beaster:

WSP USA Inc. (WSP) is pleased to submit the following summary of sampling results for potable wells that were sampled March 28 and 29, 2022, as a part of Enbridge's ongoing assessment of the Line 13 Milepost (MP) 312 Valve Site located at the intersection of Blackhawk Island Road and Westphal Lane near Ft Atkinson, Wisconsin. The samples were collected in accordance with the Supplemental Site Investigation Work Plan, dated May 4, 2021, which was approved by the Wisconsin Department of Natural Resources (WDNR) in a letter dated May 26, 2021. This summary of results is provided to fulfill the reporting requirements of NR 716.14, Wis. Adm. Code.

WSP collected water samples from 14 potable wells on March 28 and 29, 2022. The well locations are shown on Figure 1, and the available well construction information is provided in Table 1. Potable well samples had previously been collected in 2021 from the Overson well location, but there is no current resident at the property and the plumbing system for the well was damaged, so no sample was collected during the March 2022 sampling event. Due to the property owner's request, no samples were collected from the Hartwig A and Hartwig B well locations. The WDNR Unique Well Number (UWN) has been associated with 11 of the 17 wells identified within approximately 1,500 feet of the Blackhawk Island Road Valve Site based on the location coordinates listed in the WDNR well database. The depth and well construction information presented in Table 1 is based on the WDNR well logs and was not independently verified during the sampling activities. Potable wells were identified as a result of outreach conducted by Enbridge to property owners.

Groundwater samples were collected in accordance with WSP's Standard Operating Procedure. At 12 of the 14 potable well locations, the sample was collected from an outdoor spigot, while at two locations (Hachtel and Krause) the sample was collected at an indoor spigot adjacent to the pressure tank. At each potable well location, water was purged for a minimum of 15 minutes while recording geochemical measurements (pH, specific conductance, temperature, dissolved oxygen, turbidity, and oxidation reduction potential). After geochemical measurements had stabilized, samples were collected for laboratory analysis. Samples were transported by overnight courier to Pace Analytical of Green Bay, Wisconsin for analysis of volatile organic compounds (VOCs) using EPA Method 8260. A duplicate sample was collected at the Lubbert C well location, and a trip blank sample was submitted with the shipment of potable well samples.

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

Tel.: +1 314 206-4212  
wsp.com



Table 2 includes sampling results for benzene, ethylbenzene, toluene, xylenes (BTEX) and trichloroethene (TCE), compounds that have been detected in samples from site monitoring wells, and bromomethane. The only VOC detected in any of the potable well samples was bromomethane, which was detected in the Lubbert A well sample at an estimated concentration of 1.7 micrograms per liter ( $\mu\text{g/l}$ ), above the Preventive Action Limit (PAL) of 1  $\mu\text{g/l}$ . Pace Analytical reviewed the bromomethane detection and concluded that it was not the result of laboratory cross-contamination or bottles used during sample collection. The sample was re-analyzed to confirm the initial result, but bromomethane was not detected in the re-analysis. Bromomethane is not a constituent in the diluent material associated with the Blackhawk Island Road Valve Site. No other VOCs were detected at concentrations above the laboratory limit of detection in any of the March 2022 potable well samples, duplicate, or trip blank. Enclosure A includes the laboratory reports.

Table 3 includes the historical sampling results for each well location. Neither BTEX compounds nor TCE have been detected in any of the historical potable well samples collected between April and March 2022.

Sampling results were provided to each of the property owners on April 12 or 13, 2022. Copies of the letters provided to the property owners are included in Enclosure B.

In accordance with Wisconsin Administrative Code, Chapter NR 712, the certification of a hydrogeologist for this sampling results submittal is included in Enclosure C.

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

Kind regards,

A handwritten signature in black ink, appearing to read 'Tim Huff'.

Timothy A. Huff  
Senior Lead Geologist

TAH :  
\\corp.pbwan.net\us\centraldata\usmes100\es-shares\clients\enbridge\fort atkinson, wi - 113 mp312\\_work plans and reports\2022-04 potable well sampling results to wdnr\2022.04.25\_line13 mp312\\_potable well sampling results.docx

Encl.

FIGURE

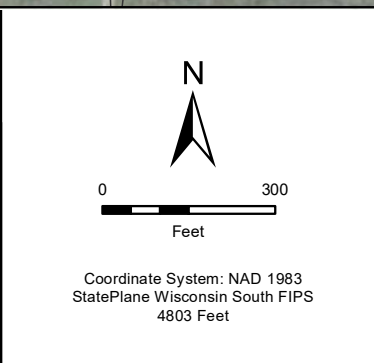
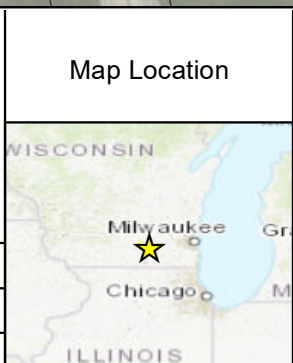


**ENBRIDGE**

Drawn: WSP 4/25/2022

Approved: WSP 4/25/2022

Project #: 31401967.705



**FIGURE 1**  
**POTABLE WELL LOCATIONS**  
**LINE 13 MP 312 VALVE SITE**  
**FORT ATKINSON, WISCONSIN**

**ENBRIDGE ENERGY**  
**LIMITED PARTNERSHIP**

## TABLES

**Table 1**  
**Potable Well Construction Information**  
**Line 13 MP 312 Valve Site**  
**Fort Atkinson, Wisconsin**

Groundwater Sample Date	Well Name	WDNR Unique Well Number	Distance from Extent of Impacts (feet)	Direction from Site	Address	Parcel ID Number	Easting (NAD83 WIS FIPS 4803 FT)	Northing (NAD83 WIS FIPS 4803 FT)	Date Drilled	Well Purpose	Well Reason	Casing Type	Casing Diameter (inches)	Screen Diameter (inches)	Total Depth Drilled (feet bgs)	Depth to Bedrock (feet bgs)	Top of Screen Depth (feet bgs)	Bottom Screen Depth (feet bgs)
3/28/2022	Ness	LL177	940	SW	Tyler Ness N1811 Blackhawk Island Road Fort Atkinson, WI 53538	016-0514-0741-001	2,269,401	333,105	11/22/1996	Private, Potable	Replacement for Old Well	Steel	6	6	78	ND	75	78
3/28/2022	Pundsack	YE929	850	S	K&J Pundsack Trust W6871 Hartwig Lane Fort Atkinson, WI 53538	016-0514-0832-005	2,269,834	333,039	11/3/2010	Private, Potable	Replacement for Point Well	Steel	6	5	60	ND	57	60
3/28/2022	Hachtel	SB164	745	S	Ronald & Victoria Hachtel W6876 Hartwig Lane Fort Atkinson, WI 53538	016-0514-0832-006	2,269,908	333,135	8/1/2003	Private, Potable	Replacement for Old Well	Steel	6	5	61	ND	58	61
3/28/2022	Wilson	QI965	815	S	Stephanie & Zachary Wilson N1828 Blackhawk Island Road Fort Atkinson, WI 53538	016-0514-0832-002	2,269,695	333,100	8/1/2001	Private, Potable	New Well	Steel	6	6	81	ND	78	81
Not Sampled	Hartwig A	NV713	1180	N	Russell Hartwig N1975 Blackhawk Island Road Fort Atkinson, WI 53538	016-0514-0822-005	2,269,860	335,063	12/10/1999	Private, Potable	Water supply for chicken	Steel	6	6	57	ND	54	57
Not Sampled	Hartwig B	NC813	1165	N	Russell Hartwig N1975 Blackhawk Island Road Fort Atkinson, WI 53538	016-0514-0822-005	2,270,049	335,041	2/16/1999	Private, Potable	Replacement for Point Well	Steel	6	6	61	ND	58	61
3/28/2022	Lamberson	YI815	1110	N	Robert Lamberson N1962 Blackhawk Island Road Fort Atkinson, WI 53538	016-0514-0823-001	2,270,245	334,948	2/21/2013	Private, Potable	Replacement for Point Well	Steel	6	5	60	ND	57	60
3/28/2022	Berndt	AAB420	495	SW	Robert Berndt N1859 Blackhawk Island Road Fort Atkinson, WI 53538	016-0514-0832-007	2,269,615	333,503	5/7/2020	Private, Potable	Replacement for Point Well	Steel	6	5	64	ND	59	64
3/28/2022	Lubbert A	NA	975	SE	Lisa Lubbert W6856 Christie Ct Fort Atkinson, WI 53538	016-0514-0832-008	2,270,363	333,007	--	--	--	--	--	--	--	--	--	--
3/28/2022	Lubbert B	LN354	1500	SE	Bound Property Investments W6851 Christie Ct Fort Atkinson, WI 53538	016-0514-0833-001	2,270,363	332,431	1/21/1997	Private, Potable	New Well	Steel	6	6	79	ND	76	79
3/28/2022	Lubbert C	LN369	1410	SE	Lisa Lubbert W6855 Christie Ct Fort Atkinson, WI 53538	016-0514-0833-002	2,270,424	332,558	2/12/1997	Private, Potable	New Well	Steel	6	6	93	ND	90	93
3/28/2022	Lubbert D	TS593	1285	SE	Lisa Lubbert W6856 Christie Ct Fort Atkinson, WI 53538	016-0514-0832-000	2,270,555	332,755	8/18/2004	Private, Potable	New Well	Steel	6	5	80	ND	77	80
3/28/2022	Gehrke	NA	990	S	Michelle Gehrke N1804 Blackhawk Island Road Fort Atkinson WI 53538	016-0514-0832-003	2,269,645	332,930	--	--	--	--	--	--	--	--	--	--
3/29/2022	Krause (formerly Maasz)	NA	590	S	Kevin Krause W6884 Hartwig Lane Fort Atkinson WI 53538	016-0514-0832-001	2,269,797	333,309	--	--	--	--	--	--	--	--	--	--
3/29/2022	Macleod	NA	335	N	Michael & Deanna Macleod N1908 Blackhawk Island Road Fort Atkinson WI 53538	016-0514-0823-002	2,270,086	334,179	--	--	--	--	--	--	--	--	--	--
3/29/2022	Bartz	NA	1190	E	Bartz Trust W6789 Westphal Lane Fort Atkinson WI 53538	016-0514-0824-000	2,271,120	333,981	--	--	--	--	--	--	--	--	--	--
Not Sampled	Overson	NA	1350	E	Tri-State Holdings LLC 11 East Superior St, Suite 125 Duluth MN 55802	016-0514-0824-002	2,271,283	334,003	--	--	--	--	--	--	--	--	--	--



**Table 1**  
**Potable Well Construction Information**  
**Line 13 MP 312 Valve Site**  
**Fort Atkinson, Wisconsin**

Groundwater Sample Date	Well Name	WDNR Unique Well Number	Distance from Extent of Impacts (feet)	Direction from Site	Address	Parcel ID Number	Easting (NAD83 WIS FIPS 4803 FT)	Northing (NAD83 WIS FIPS 4803 FT)	Date Drilled	Well Purpose	Well Reason	Casing Type	Casing Diameter (inches)	Screen Diameter (inches)	Total Depth Drilled (feet bgs)	Depth to Bedrock (feet bgs)	Top of Screen Depth (feet bgs)	Bottom Screen Depth (feet bgs)
<b>Additional wells listed in WDNR databased as installed within Section 8, Township 5N, Range 14E of Jefferson Country prior to 1988. Wells do not have assigned coordinates. Exact locations of these wells are unknown.</b>																		
--	--	8BH711	Unknown		NA	--	--	--	6/2/1961	Unknown	Unknown	Steel	6	NA	81	ND	NA	NA
--	--	8BH712	Unknown		NA	--	--	--	5/4/1949	Private, Potable	Home use	Standard	4	NA	234	ND	NA	NA
--	--	8BH713	Unknown		NA	--	--	--	1/7/1964	Private, Potable	Home use	Standard	6	NA	83	ND	NA	NA
--	--	8BH714	Unknown		NA	--	--	--	1/8/1959	Private, Potable	Home use	Steel	5	NA	271	260	NA	NA
--	--	8BH715	Unknown		NA	--	--	--	5/26/1961	Private, Potable	Home use	Steel	6	NA	81	ND	NA	NA
--	--	8BH716	Unknown		NA	--	--	--	7/21/1973	Private, Potable	Unknown	Steel	6	NA	132	ND	NA	131
--	--	8BH717	Unknown		NA	--	--	--	2/12/1971	Private, Potable	Water supply for chicken	Steel	6	NA	298	263	NA	NA
--	--	8BH718	Unknown		NA	--	--	--	7/1/1974	City Owned	Sewage Treatment	Steel	Varies	NA	410	305	NA	NA

**General Notes:**

Well records obtained from Wisconsin Department of Natural Resources Well Records. Search completed on December 22, 2020.

**Acronyms and Abbreviations:**

NAD83 WIS FIPS 4803 FT = Coordinate System - North American Datum of 1983, State Plane Wisconsin, Federal Information Processing Standard, 4803 Feet

bgs = below ground surface

NA = not available

ND = not detected

TBD = to be determined

Table 2

**Potable Well Analytical Results - March 2022**  
**Line 13 MP312 Valve Site**  
**Fort Atkinson, Wisconsin**

Well Name	Sample ID	Date	Volatile Organic Compounds (ug/l)							Field Parameters (Final Reading)								
			Benzene	Ethylbenzene	Toluene	Trichloroethene	m&p-Xylene	o-Xylene	Bromomethane	Purge Volume (gallons)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
			Enforcement Standard (a)	700	800	5	2000 (b)	2000 (b)	10	--	--	--	--	--	--	--	--	--
Preventative Action Limit (a)	0.5	140	160	0.5	400 (b)	400 (b)	1	--	--	--	--	--	--	--	--	--		
Bartz	2022.03.29_BARTZ_POTABLE	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	72	7.25	0.354	0.0	0.00	10.26	-81	Clear	None
Berndt	2022.03.28_BERNDT_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	45	7.46	0.632	0.0	0.59	10.30	45	Clear	None
Gehrke	2022.03.28_GEHRKE_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	8	7.49	0.572	0.0	1.11	8.97	18	Clear	None
Hachtel	2022.03.28_HACHTEL_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	24	6.82	0.723	0.0	7.33	8.10	233	Clear	None
Krause	2022.03.29_KRAUSE_POTABLE	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	30	7.64	0.521	6.8	2.79	9.62	-141	Clear	None
Lamberson	2022.03.28_LAMBERSON_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	63	7.39	0.711	0.0	3.77	10.56	90	Clear	None
Lubbert A	2022.03.28_LUBBERT A_POTABLE	3/28/2022 (c)	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	1.7 J	63	7.29	0.761	0.0	0.00	10.51	87	Clear	None
	2022.03.28_LUBBERT A_POTABLE	3/28/2022 (d)	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	--	--	--	--	--	--	--	--	--
Lubbert B	2022.03.28_LUBBERT B_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	90	7.41	0.670	0.0	0.00	9.67	23	Clear	None
Lubbert C	2022.03.28_LUBBERT C_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	63	7.37	0.545	0.0	0.00	10.29	55	Clear	None
Duplicate (Lubbert C)	2022.03.28_DUPLICATE_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	--	--	--	--	--	--	--	--	--
Lubbert D	2022.03.28_LUBBERT D_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	84	7.42	0.536	0.0	0.00	9.79	-72	Clear	None
Macleod	2022.03.29_MACLEOD_POTABLE	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	60	6.98	0.652	0.0	4.93	11.40	170	Clear	None
Ness	2022.03.28_NESS_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	90	7.40	0.566	9.1	7.68	10.49	23	Clear	None
Pundsack	2022.03.28_PUNDSACK_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	81	6.81	0.732	0.0	4.55	10.79	211	Clear	None
Wilson	2022.03.28_WILSON_POTABLE	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	63	7.11	0.784	0.0	0.06	10.08	194	Clear	None
Trip Blank	TB033022	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	<1.2	--	--	--	--	--	--	--	--	--

Shaded = Regulatory exceedance

**Bold = Enforcement Standard exceedance**

*Italics = Preventative 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. February 2021.

b/ Enforcement Standard and Preventative Action Limit are established for total xylenes (sum of m&p-xylene and o-xylene).

c/ Sample analyzed by Pace Analytical on April 1, 2022.

d/ Sample analyzed by Pace Analytical on April 4, 2022.

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

ug/L = Micrograms per liter; mS/cm = milliSiemens per centimeter; NTU = Nephelometric Turbidity Unit; C = Celcius; mV = millivolts

Table 3

**Historical Potable Well Analytical Results for Constituents of Concern  
Line 13 MP312 Valve Site  
Fort Atkinson, Wisconsin**

Well Name	Date	Volatile Organic Compounds (ug/l)						Field Parameters (Final Reading)								
		Benzene	Ethylbenzene	Toluene	Trichloroethene	m&p-Xylene	o-Xylene	Purge Volume (gallons)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
<b>Enforcement Standard (a)</b>		5	700	800	5	2000 (b)	2000 (b)	--	--	--	--	--	--	--	--	--
<b>Preventative Action Limit (a)</b>		0.5	140	160	0.5	400 (b)	400 (b)	--	--	--	--	--	--	--	--	--
Bartz	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	38	7.60	0.555	0.0	0.00	10.27	-104	Clear	None
	7/20/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	45	10.77 (d)	0.403	0.0	0.00	11.31	-117	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.56	0.533	0.0	0.00	10.96	-84	Clear	None
	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	72	7.25	0.354	0.0	0.00	10.26	-81	Clear	None
Berndt	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	32	7.60	0.641	0.3	0.00	10.90	23	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	40	7.46	0.616	0.0	0.00	12.62	50	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	27	7.52	0.643	0.0	0.61	10.46	13	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	45	7.46	0.632	0.0	0.59	10.30	45	Clear	None
Gehrke	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	13	7.45	0.614	0.0	0.00	10.27	14	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	10	7.32	0.504	0.0	0.55	15.08	-6	Clear	None
	11/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	15	7.27	0.583	0.0	1.13	11.06	17	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	8	7.49	0.572	0.0	1.11	8.97	18	Clear	None
Hachtel	4/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	27	7.55	0.747	0.0	4.68	9.09	240	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	27	7.13	0.626	0.0	6.43	13.10	212	Clear	None
	11/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	24	7.04	0.734	0.0	6.18	11.15	181	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	24	6.82	0.723	0.0	7.33	8.10	233	Clear	None
Hartwig A	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	60	7.65	0.556	0.4	0.00	10.48	47	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	35	7.43	0.453	0.0	0.00	12.61	-68	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.65	0.530	0.0	0.00	10.95	-89	Clear	None
Hartwig B	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	38	7.56	0.650	0.0	0.00	11.65	56	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	35	7.30	0.529	0.0	0.03	12.79	33	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	35	7.45	0.621	0.0	0.18	11.29	174	Clear	None
Krause (formerly Maasz)	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	43	7.82	0.517	0.3	0.00	10.22	-167	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.26	0.427	0.0	0.35	12.93	-87	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.68	0.501	21.0	2.53	11.60	-116	Clear	None
	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	30	7.64	0.521	6.8	2.79	9.62	-141	Clear	None

Table 3

**Historical Potable Well Analytical Results for Constituents of Concern  
Line 13 MP312 Valve Site  
Fort Atkinson, Wisconsin**

Well Name	Date	Volatile Organic Compounds (ug/l)						Field Parameters (Final Reading)									
		Benzene	Ethylbenzene	Toluene	Trichloroethene	m&p-Xylene	o-Xylene	Purge Volume (gallons)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor	
<b>Enforcement Standard (a)</b>		5	700	800	5	2000 (b)	2000 (b)	--	--	--	--	--	--	--	--	--	
<b>Preventative Action Limit (a)</b>		0.5	140	160	0.5	400 (b)	400 (b)	--	--	--	--	--	--	--	--	--	
Lamberson	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	50	7.45	0.852	0.3	0.43	10.53	139	Clear	None	
	7/20/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	45	8.86 (d)	0.643	0.0	2.41	13.04	223	Clear	None	
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.25	0.752	0.0	3.35	10.65	191	Clear	None	
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	63	7.39	0.711	0.0	3.77	10.56	90	Clear	None	
Lubbert A	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	60	7.41	0.834	0.0	0.00	10.27	155	Clear	None	
	7/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	125	7.26	0.683	0.0	3.59	11.01	253	Clear	None	
Pace (c)	8/6/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	45	9.36 (d)	0.710	0.0	0.00	10.99	159	Clear	None	
ALS (c)	8/6/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--	
Pace (c)	8/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	54	9.50 (d)	0.700	0.0	0.00	11.05	180	Clear	None	
ALS (c)	8/16/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--	
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.40	0.799	0.0	0.00	10.58	71	Clear	None	
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	63	7.29	0.761	0.0	0.00	10.51	87	Clear	None	
Lubbert B	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	41	7.34	0.705	0.0	0.00	9.77	129	Clear	None	
	7/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	125	7.57	0.598	0.0	0.00	10.41	51	Clear	None	
Pace (c)	8/6/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	33	9.90 (d)	0.616	0.0	0.00	10.98	38	Clear	None	
ALS (c)	8/6/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--	
Pace (c)	8/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	30	11.62 (d)	0.612	0.0	0.00	10.74	38	Clear	None	
ALS (c)	8/16/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--	
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	30	7.51	0.693	0.0	0.00	9.89	32	Clear	None	
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	90	7.41	0.670	0.0	0.00	9.67	23	Clear	None	
Lubbert C	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	35	7.30	0.567	0.0	4.54	10.25	152	Clear	None	
	7/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	100	7.70	0.469	0.0	4.29	11.37	118	Clear	None	
Pace (c)	8/6/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	30	9.15 (d)	0.496	0.0	2.81	15.53	151	Clear	None	
ALS (c)	8/6/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--	
Pace (c)	8/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	30	11.65 (d)	0.487	0.0	1.85	11.32	90	Clear	None	
ALS (c)	8/16/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--	
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	30	7.61	0.536	0.0	4.44	10.73	91	Clear	None	
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	63	7.37	0.545	0.0	0.00	10.29	55	Clear	None	

Table 3

**Historical Potable Well Analytical Results for Constituents of Concern  
Line 13 MP312 Valve Site  
Fort Atkinson, Wisconsin**

Well Name	Date	Volatile Organic Compounds (ug/l)						Field Parameters (Final Reading)								
		Benzene	Ethylbenzene	Toluene	Trichloroethene	m&p-Xylene	o-Xylene	Purge Volume (gallons)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
<b>Enforcement Standard (a)</b>		5	700	800	5	2000 (b)	2000 (b)	--	--	--	--	--	--	--	--	--
<b>Preventative Action Limit (a)</b>		0.5	140	160	0.5	400 (b)	400 (b)	--	--	--	--	--	--	--	--	--
Lubbert D	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	38	7.42	0.583	1.7	0.00	9.96	-82	Clear	None
	7/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	100	7.63	0.483	0.0	0.00	11.12	-20	Clear	None
Pace (c)	8/6/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	45	11.24 (d)	0.504	0.0	0.00	11.37	-57	Clear	None
ALS (c)	8/6/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--
Pace (c)	8/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	54	13.45 (d)	0.491	0.0	0.00	11.31	-70	Clear	None
ALS (c)	8/16/2021	<0.46	<0.34	<0.45	<0.43	<0.81	<0.31	--	--	--	--	--	--	--	--	--
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.50	0.558	0.0	0.00	10.70	-67	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	84	7.42	0.536	0.0	0.00	9.79	-72	Clear	None
Macleod	4/2/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	NM	7.00	0.700	0.0	11.12	13.38	240	Clear	None
	7/20/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	40	7.64	0.545	0.0	4.26	13.70	246	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.46	0.624	0.0	3.68	12.70	105	Clear	None
	3/29/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	60	6.98	0.652	0.0	4.93	11.40	170	Clear	None
Ness	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	38	7.64	0.616	0.0	2.22	11.38	88	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	40	7.59	0.523	0.0	2.75	13.76	91	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	27	7.61	0.603	0.0	4.33	10.72	-5	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	90	7.40	0.566	9.1	7.68	10.49	23	Clear	None
Overson	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	43	7.30	0.587	0.0	3.46	9.77	119	Clear	None
	7/20/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	50	10.04 (d)	0.520	0.0	5.10	11.25	128	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	21	7.46	0.560	0.0	4.56	11.80	126	Clear	None
Pundsack	4/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	90	7.35	0.783	0.0	3.22	11.03	220	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	40	6.97	0.681	0.0	4.65	11.47	187	Clear	None
	11/16/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	27	6.95	0.775	0.0	7.19	10.96	165	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	81	6.81	0.732	0.0	4.55	10.79	211	Clear	None
Wilson	4/1/2021	<0.25	<0.32	<0.27	<0.26	<0.47	<0.26	50	7.31	0.852	0.0	0.00	10.43	109	Clear	None
	7/19/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	40	7.23	0.740	0.0	0.13	10.95	126	Clear	None
	11/15/2021	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	24	7.44	0.835	0.0	0.00	10.39	71	Clear	None
	3/28/2022	<0.30	<0.33	<0.29	<0.32	<0.70	<0.35	63	7.11	0.784	0.0	0.06	10.08	194	Clear	None

Table 3

Historical Potable Well Analytical Results for Constituents of Concern  
 Line 13 MP312 Valve Site  
 Fort Atkinson, Wisconsin

Well Name	Date	Volatile Organic Compounds (ug/l)						Field Parameters (Final Reading)								
		Benzene	Ethylbenzene	Toluene	Trichloroethene	m&p-Xylene	o-Xylene	Purge Volume (gallons)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
<b>Enforcement Standard (a)</b>		5	700	800	5	2000 (b)	2000 (b)	--	--	--	--	--	--	--	--	--
<b>Preventative Action Limit (a)</b>		0.5	140	160	0.5	400 (b)	400 (b)	--	--	--	--	--	--	--	--	--

Shaded = Regulatory exceedance

**Bold = Enforcement Standard exceedance**

*Italics = Preventative 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. February 2021.

b/ Enforcement Standard and Preventative Action Limit are established for total xylenes (sum of m&p-xylene and o-xylene).

c/ Split samples analyzed by Pace Analytical and ALS

d/ pH meter malfunction; out of calibration.

ug/L = Micrograms per liter

## ENCLOSURE A – LABORATORY ANALYTICAL RESULTS

April 04, 2022

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

RE: Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

Dear Timothy Huff:

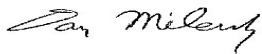
Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise 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

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## CERTIFICATIONS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

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### **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

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40242654001	2022_03_28_HACHTEL_POTABLE	Water	03/28/22 09:35	03/31/22 08:30
40242654002	2022_03_28_PUNDSACK_POTABLE	Water	03/28/22 10:15	03/31/22 08:30
40242654003	2022_03_28_WILSON_POTABLE	Water	03/28/22 10:50	03/31/22 08:30
40242654004	2022_03_28_NESS_POTABLE	Water	03/28/22 11:35	03/31/22 08:30
40242654005	2022_03_28_LUBBERT_POTABLE A	Water	03/28/22 12:15	03/31/22 08:30
40242654006	2022_03_28_LUBBERT_POTABLE B	Water	03/28/22 13:05	03/31/22 08:30
40242654007	2022_03_28_LUBBERT_POTABLE C	Water	03/28/22 13:35	03/31/22 08:30
40242654008	2022_03_28_LUBBERT_POTABLE D	Water	03/28/22 14:15	03/31/22 08:30
40242654009	2022_03_28_GEHRKE_POTABLE	Water	03/28/22 15:00	03/31/22 08:30
40242654010	2022_03_28_LAMBERSON_POTABLE	Water	03/28/22 15:45	03/31/22 08:30
40242654011	2022_03_28_BERNDT_POTABLE	Water	03/28/22 16:25	03/31/22 08:30
40242654012	2022_03_28_DUPLICATE_POTABLE	Water	03/28/22 00:00	03/31/22 08:30
40242654013	2022_03_29_MACLEOD_POTABLE E	Water	03/29/22 09:30	03/31/22 08:30
40242654014	2022_03_29_BARTZ_POTABLE	Water	03/29/22 10:05	03/31/22 08:30
40242654015	2022_03_29_KRAUSE_POTABLE	Water	03/29/22 18:30	03/31/22 08:30
40242654016	TB033022	Water	03/29/22 00:00	03/31/22 08:30

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40242654001	2022_03_28_HACHTEL_POTABLE	EPA 8260	JAV	68
40242654002	2022_03_28_PUNDSACK_POTABLE	EPA 8260	JAV	68
40242654003	2022_03_28_WILSON_POTABLE	EPA 8260	JAV	68
40242654004	2022_03_28_NESS_POTABLE	EPA 8260	JAV	68
40242654005	2022_03_28_LUBBERT_POTABLE A	EPA 8260	JAV	68
40242654006	2022_03_28_LUBBERT_POTABLE B	EPA 8260	JAV	68
40242654007	2022_03_28_LUBBERT_POTABLE C	EPA 8260	JAV	68
40242654008	2022_03_28_LUBBERT_POTABLE D	EPA 8260	JAV	68
40242654009	2022_03_28_GEHRKE_POTABLE	EPA 8260	JAV	68
40242654010	2022_03_28_LAMBERSON_POTABLE	EPA 8260	JAV	68
40242654011	2022_03_28_BERNDT_POTABLE	EPA 8260	JAV	68
40242654012	2022_03_28_DUPLICATE_POTABLE	EPA 8260	JAV	68
40242654013	2022_03_29_MACLEOD_POTABLE	EPA 8260	JAV	68
40242654014	2022_03_29_BARTZ_POTABLE	EPA 8260	JAV	68
40242654015	2022_03_29_KRAUSE_POTABLE	EPA 8260	JAV	68
40242654016	TB033022	EPA 8260	JAV	68

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_HACHTEL\_PO **Lab ID:** 40242654001 **Collected:** 03/28/22 09:35 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 21:10	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 21:10	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 21:10	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:10	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:10	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 21:10	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 21:10	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 21:10	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 21:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 21:10	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:10	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 21:10	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 21:10	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:10	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 21:10	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 21:10	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:10	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 21:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:10	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 21:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:10	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 21:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 21:10	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 21:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:10	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 21:10	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 21:10	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 21:10	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 21:10	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 21:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 21:10	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:10	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:10	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_HACHTEL\_PO **Lab ID:** 40242654001 **Collected:** 03/28/22 09:35 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 21:10	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 21:10	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 21:10	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 21:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:10	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 21:10	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 21:10	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 21:10	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:10	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:10	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 21:10	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:10	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:10	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:10	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 21:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 21:10	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 21:10	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 21:10	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 21:10	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 21:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/01/22 21:10	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_PUNDSACK\_ **Lab ID:** 40242654002 Collected: 03/28/22 10:15 Received: 03/31/22 08:30 Matrix: Water  
**POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 21:29	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 21:29	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 21:29	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:29	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:29	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 21:29	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 21:29	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 21:29	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 21:29	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 21:29	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:29	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 21:29	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 21:29	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:29	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 21:29	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 21:29	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:29	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 21:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:29	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 21:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:29	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 21:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 21:29	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 21:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:29	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 21:29	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 21:29	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 21:29	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 21:29	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 21:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 21:29	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:29	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:29	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_PUNDSACK\_ **Lab ID:** 40242654002 Collected: 03/28/22 10:15 Received: 03/31/22 08:30 Matrix: Water  
**POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 21:29	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 21:29	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 21:29	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 21:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:29	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 21:29	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 21:29	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 21:29	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:29	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:29	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 21:29	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:29	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:29	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:29	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 21:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 21:29	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 21:29	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 21:29	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 21:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/01/22 21:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/01/22 21:29	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_WILSON\_POT **Lab ID:** 40242654003 **Collected:** 03/28/22 10:50 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	71-55-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 21:49	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 21:49	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 21:49	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:49	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:49	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 21:49	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 21:49	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 21:49	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 21:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 21:49	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:49	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 21:49	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 21:49	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:49	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 21:49	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 21:49	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:49	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 21:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 21:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:49	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 21:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 21:49	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 21:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:49	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 21:49	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 21:49	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 21:49	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 21:49	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 21:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 21:49	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:49	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:49	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_WILSON\_POT **Lab ID:** 40242654003 Collected: 03/28/22 10:50 Received: 03/31/22 08:30 Matrix: Water  
**ABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 21:49	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 21:49	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 21:49	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 21:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:49	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 21:49	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 21:49	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 21:49	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:49	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:49	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 21:49	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:49	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:49	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:49	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 21:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 21:49	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 21:49	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 21:49	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 21:49	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 21:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/01/22 21:49	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_NESS\_POTAB** Lab ID: **40242654004** Collected: 03/28/22 11:35 Received: 03/31/22 08:30 Matrix: Water  
LE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 22:08	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 22:08	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 22:08	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:08	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:08	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 22:08	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 22:08	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 22:08	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 22:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 22:08	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:08	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 22:08	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 22:08	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:08	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 22:08	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 22:08	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:08	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:08	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 22:08	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:08	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 22:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:08	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 22:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 22:08	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 22:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:08	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 22:08	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 22:08	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 22:08	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 22:08	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:08	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:08	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 22:08	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 22:08	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:08	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:08	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_NESS\_POTAB LE **Lab ID:** 40242654004 **Collected:** 03/28/22 11:35 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 22:08	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 22:08	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 22:08	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 22:08	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:08	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 22:08	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 22:08	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 22:08	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:08	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:08	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 22:08	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:08	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:08	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:08	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 22:08	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 22:08	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 22:08	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 22:08	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 22:08	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/01/22 22:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/01/22 22:08	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654005 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	71-55-6	
1,1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 22:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 22:28	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 22:28	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:28	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:28	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 22:28	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 22:28	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 22:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 22:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 22:28	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:28	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 22:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 22:28	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:28	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 22:28	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 22:28	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:28	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 22:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 22:28	75-25-2	
Bromomethane	1.7J	ug/L	5.0	1.2	1		04/01/22 22:28	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 22:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 22:28	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 22:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:28	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 22:28	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 22:28	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 22:28	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 22:28	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 22:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 22:28	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:28	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:28	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: 2022\_03\_28\_LUBBERT\_PO Lab ID: 40242654005 Collected: 03/28/22 12:15 Received: 03/31/22 08:30 Matrix: Water  
TABLE A

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 22:28	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 22:28	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 22:28	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 22:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:28	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 22:28	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 22:28	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 22:28	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:28	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:28	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 22:28	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:28	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:28	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:28	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 22:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 22:28	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 22:28	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 22:28	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/01/22 22:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/01/22 22:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/01/22 22:28	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample: 2022\_03\_28\_LUBBERT\_PO** Lab ID: **40242654006** Collected: 03/28/22 13:05 Received: 03/31/22 08:30 Matrix: Water  
**TABLE B**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 22:47	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 22:47	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 22:47	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:47	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:47	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 22:47	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 22:47	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 22:47	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 22:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 22:47	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:47	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 22:47	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 22:47	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:47	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 22:47	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 22:47	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:47	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:47	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 22:47	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:47	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 22:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:47	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 22:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:47	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 22:47	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 22:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:47	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 22:47	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 22:47	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 22:47	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 22:47	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:47	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:47	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 22:47	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 22:47	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:47	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:47	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654006 **Collected:** 03/28/22 13:05 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE B**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 22:47	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 22:47	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 22:47	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 22:47	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:47	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 22:47	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 22:47	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 22:47	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:47	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:47	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 22:47	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:47	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:47	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:47	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 22:47	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 22:47	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 22:47	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 22:47	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 22:47	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		04/01/22 22:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/01/22 22:47	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654007 **Collected:** 03/28/22 13:35 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE C**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	71-55-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:06	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:06	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:06	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:06	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:06	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:06	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:06	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:06	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:06	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:06	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:06	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:06	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:06	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:06	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:06	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:06	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:06	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:06	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:06	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:06	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:06	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:06	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:06	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:06	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:06	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:06	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_LUBBERT\_PO** Lab ID: **40242654007** Collected: 03/28/22 13:35 Received: 03/31/22 08:30 Matrix: Water  
TABLE C

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:06	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:06	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:06	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:06	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:06	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:06	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:06	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:06	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:06	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:06	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:06	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:06	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:06	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:06	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:06	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:06	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/01/22 23:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/01/22 23:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/01/22 23:06	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample: 2022\_03\_28\_LUBBERT\_PO** Lab ID: **40242654008** Collected: 03/28/22 14:15 Received: 03/31/22 08:30 Matrix: Water  
**TABLE D**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	71-55-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:26	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:26	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:26	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:26	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:26	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:26	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:26	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:26	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:26	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:26	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:26	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:26	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:26	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:26	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:26	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:26	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:26	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:26	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:26	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:26	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:26	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:26	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654008 Collected: 03/28/22 14:15 Received: 03/31/22 08:30 Matrix: Water  
**TABLE D**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:26	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:26	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:26	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:26	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:26	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:26	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:26	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:26	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:26	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:26	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:26	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:26	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:26	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:26	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:26	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:26	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		04/01/22 23:26	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/01/22 23:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/01/22 23:26	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_GEHRKE\_PO** Lab ID: **40242654009** Collected: 03/28/22 15:00 Received: 03/31/22 08:30 Matrix: Water  
TABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:45	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:45	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:45	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:45	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:45	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:45	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:45	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:45	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:45	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:45	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:45	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:45	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:45	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:45	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:45	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_GEHRKE\_PO** Lab ID: **40242654009** Collected: 03/28/22 15:00 Received: 03/31/22 08:30 Matrix: Water  
TABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:45	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:45	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:45	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:45	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:45	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:45	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:45	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 23:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 23:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/01/22 23:45	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_LAMBERSON** Lab ID: **40242654010** Collected: 03/28/22 15:45 Received: 03/31/22 08:30 Matrix: Water  
\_POTABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 00:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 00:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 00:05	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:05	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:05	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 00:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 00:05	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 00:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 00:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 00:05	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:05	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 00:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 00:05	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:05	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 00:05	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 00:05	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:05	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 00:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 00:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:05	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 00:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 00:05	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 00:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:05	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 00:05	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 00:05	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 00:05	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 00:05	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 00:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 00:05	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:05	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:05	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LAMBERSON **Lab ID:** 40242654010 Collected: 03/28/22 15:45 Received: 03/31/22 08:30 Matrix: Water  
**\_POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 00:05	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 00:05	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 00:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 00:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 00:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 00:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 00:05	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:05	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:05	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 00:05	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:05	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:05	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:05	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 00:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 00:05	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 00:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 00:05	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/02/22 00:05	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/02/22 00:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/02/22 00:05	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_BERNDT\_POT ABLE **Lab ID:** 40242654011 **Collected:** 03/28/22 16:25 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 00:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 00:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 00:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 00:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 00:24	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 00:24	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 00:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 00:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 00:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 00:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 00:24	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 00:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 00:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 00:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 00:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 00:24	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 00:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:24	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 00:24	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 00:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 00:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 00:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 00:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 00:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:24	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:24	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_BERNDT\_POT ABLE **Lab ID:** 40242654011 **Collected:** 03/28/22 16:25 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 00:24	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 00:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 00:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 00:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 00:24	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 00:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 00:24	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:24	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:24	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 00:24	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:24	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:24	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 00:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 00:24	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 00:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 00:24	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/02/22 00:24	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		04/02/22 00:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/02/22 00:24	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_DUPLICATE\_** Lab ID: **40242654012** Collected: 03/28/22 00:00 Received: 03/31/22 08:30 Matrix: Water  
**POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 00:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 00:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 00:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 00:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 00:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 00:44	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 00:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 00:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 00:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 00:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 00:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 00:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 00:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:44	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 00:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 00:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 00:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 00:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 00:44	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 00:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:44	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 00:44	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 00:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 00:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 00:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 00:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 00:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:44	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:44	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_DUPLICATE\_ **Lab ID:** 40242654012 Collected: 03/28/22 00:00 Received: 03/31/22 08:30 Matrix: Water  
**POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 00:44	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 00:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 00:44	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 00:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 00:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 00:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 00:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:44	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:44	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 00:44	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:44	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 00:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 00:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 00:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 00:44	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/02/22 00:44	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/02/22 00:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/02/22 00:44	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_29\_MACLEOD\_P** Lab ID: **40242654013** Collected: 03/29/22 09:30 Received: 03/31/22 08:30 Matrix: Water  
OTABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 01:03	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 01:03	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 01:03	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:03	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:03	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 01:03	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 01:03	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 01:03	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 01:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 01:03	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:03	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 01:03	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 01:03	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:03	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 01:03	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 01:03	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:03	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 01:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:03	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 01:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:03	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 01:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 01:03	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 01:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:03	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 01:03	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 01:03	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 01:03	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 01:03	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 01:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 01:03	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:03	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:03	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_MACLEOD\_P **Lab ID:** 40242654013 Collected: 03/29/22 09:30 Received: 03/31/22 08:30 Matrix: Water  
**OTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 01:03	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 01:03	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 01:03	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 01:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 01:03	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 01:03	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 01:03	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:03	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:03	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 01:03	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:03	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:03	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:03	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 01:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 01:03	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 01:03	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 01:03	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/02/22 01:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/02/22 01:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/02/22 01:03	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_BARTZ\_POTA BLE **Lab ID:** 40242654014 **Collected:** 03/29/22 10:05 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 01:23	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 01:23	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 01:23	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:23	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:23	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 01:23	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 01:23	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 01:23	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 01:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 01:23	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:23	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 01:23	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 01:23	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:23	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 01:23	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 01:23	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:23	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 01:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 01:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:23	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 01:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 01:23	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 01:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:23	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 01:23	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 01:23	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 01:23	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 01:23	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 01:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 01:23	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:23	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:23	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_BARTZ\_POTA BLE **Lab ID:** 40242654014 **Collected:** 03/29/22 10:05 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 01:23	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 01:23	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 01:23	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 01:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:23	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 01:23	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 01:23	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 01:23	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:23	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:23	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 01:23	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:23	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:23	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:23	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 01:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 01:23	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 01:23	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 01:23	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	70-130		1		04/02/22 01:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/02/22 01:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/02/22 01:23	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_29\_KRAUSE\_POT** Lab ID: **40242654015** Collected: 03/29/22 18:30 Received: 03/31/22 08:30 Matrix: Water  
ABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 01:42	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 01:42	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 01:42	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:42	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:42	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 01:42	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 01:42	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 01:42	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 01:42	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 01:42	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:42	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 01:42	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 01:42	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:42	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 01:42	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 01:42	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:42	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 01:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 01:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:42	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 01:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 01:42	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 01:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:42	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 01:42	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 01:42	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 01:42	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 01:42	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 01:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 01:42	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:42	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:42	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_KRAUSE\_POT **Lab ID:** 40242654015 **Collected:** 03/29/22 18:30 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 01:42	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 01:42	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 01:42	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 01:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:42	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 01:42	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 01:42	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 01:42	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:42	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:42	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 01:42	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:42	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:42	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:42	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 01:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 01:42	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 01:42	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 01:42	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/02/22 01:42	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/02/22 01:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/02/22 01:42	2199-69-1	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample: TB033022**      **Lab ID: 40242654016**      Collected: 03/29/22 00:00      Received: 03/31/22 08:30      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 19:52	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 19:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 19:52	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 19:52	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 19:52	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 19:52	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 19:52	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 19:52	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 19:52	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 19:52	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 19:52	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 19:52	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 19:52	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 19:52	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 19:52	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 19:52	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 19:52	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 19:52	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 19:52	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 19:52	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 19:52	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 19:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 19:52	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 19:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 19:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 19:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 19:52	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 19:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 19:52	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 19:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 19:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 19:52	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 19:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 19:52	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 19:52	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 19:52	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 19:52	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 19:52	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 19:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 19:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 19:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 19:52	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 19:52	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 19:52	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 19:52	75-09-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample: TB033022**      **Lab ID: 40242654016**      Collected: 03/29/22 00:00      Received: 03/31/22 08:30      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 19:52	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 19:52	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 19:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 19:52	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 19:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 19:52	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 19:52	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 19:52	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 19:52	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 19:52	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 19:52	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 19:52	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 19:52	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 19:52	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 19:52	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 19:52	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 19:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 19:52	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 19:52	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 19:52	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	70-130		1		04/01/22 19:52	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/01/22 19:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/01/22 19:52	2199-69-1	

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**QUALITY CONTROL DATA**

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

QC Batch: 411949 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates  
Laboratory: Pace Analytical Services - Green Bay  
Associated Lab Samples: 40242654001, 40242654002, 40242654003, 40242654004, 40242654005, 40242654006, 40242654007, 40242654008, 40242654009, 40242654010, 40242654011, 40242654012, 40242654013, 40242654014, 40242654015, 40242654016

METHOD BLANK: 2372360 Matrix: Water  
Associated Lab Samples: 40242654001, 40242654002, 40242654003, 40242654004, 40242654005, 40242654006, 40242654007, 40242654008, 40242654009, 40242654010, 40242654011, 40242654012, 40242654013, 40242654014, 40242654015, 40242654016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/01/22 16:18	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/01/22 16:18	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/01/22 16:18	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/01/22 16:18	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/01/22 16:18	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/01/22 16:18	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/01/22 16:18	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/01/22 16:18	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/01/22 16:18	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/01/22 16:18	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/01/22 16:18	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/01/22 16:18	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/01/22 16:18	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/01/22 16:18	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/01/22 16:18	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/01/22 16:18	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/01/22 16:18	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/01/22 16:18	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/01/22 16:18	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/01/22 16:18	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/01/22 16:18	
2-Chlorotoluene	ug/L	<0.89	5.0	04/01/22 16:18	
4-Chlorotoluene	ug/L	<0.89	5.0	04/01/22 16:18	
Benzene	ug/L	<0.30	1.0	04/01/22 16:18	
Bromobenzene	ug/L	<0.36	1.0	04/01/22 16:18	
Bromochloromethane	ug/L	<0.36	5.0	04/01/22 16:18	
Bromodichloromethane	ug/L	<0.42	1.0	04/01/22 16:18	
Bromoform	ug/L	<3.8	5.0	04/01/22 16:18	
Bromomethane	ug/L	<1.2	5.0	04/01/22 16:18	
Carbon tetrachloride	ug/L	<0.37	1.0	04/01/22 16:18	
Chlorobenzene	ug/L	<0.86	1.0	04/01/22 16:18	
Chloroethane	ug/L	<1.4	5.0	04/01/22 16:18	
Chloroform	ug/L	<1.2	5.0	04/01/22 16:18	
Chloromethane	ug/L	<1.6	5.0	04/01/22 16:18	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/01/22 16:18	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/01/22 16:18	
Cyclohexane	ug/L	<1.3	5.0	04/01/22 16:18	

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

**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

METHOD BLANK: 2372360

Matrix: Water

Associated Lab Samples: 40242654001, 40242654002, 40242654003, 40242654004, 40242654005, 40242654006, 40242654007, 40242654008, 40242654009, 40242654010, 40242654011, 40242654012, 40242654013, 40242654014, 40242654015, 40242654016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<2.6	5.0	04/01/22 16:18	
Dibromomethane	ug/L	<0.99	5.0	04/01/22 16:18	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/01/22 16:18	
Diisopropyl ether	ug/L	<1.1	5.0	04/01/22 16:18	
Ethylbenzene	ug/L	<0.33	1.0	04/01/22 16:18	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/01/22 16:18	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/01/22 16:18	
m&p-Xylene	ug/L	<0.70	2.0	04/01/22 16:18	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/01/22 16:18	
Methylcyclohexane	ug/L	<1.2	5.0	04/01/22 16:18	
Methylene Chloride	ug/L	<0.32	5.0	04/01/22 16:18	
n-Butylbenzene	ug/L	<0.86	1.0	04/01/22 16:18	
n-Heptane	ug/L	<1.6	5.0	04/01/22 16:18	
n-Hexane	ug/L	<1.5	5.0	04/01/22 16:18	
n-Propylbenzene	ug/L	<0.35	1.0	04/01/22 16:18	
Naphthalene	ug/L	<1.1	5.0	04/01/22 16:18	
o-Xylene	ug/L	<0.35	1.0	04/01/22 16:18	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/01/22 16:18	
sec-Butylbenzene	ug/L	<0.42	1.0	04/01/22 16:18	
Styrene	ug/L	<0.36	1.0	04/01/22 16:18	
tert-Butylbenzene	ug/L	<0.59	1.0	04/01/22 16:18	
Tetrachloroethene	ug/L	<0.41	1.0	04/01/22 16:18	
Toluene	ug/L	<0.29	1.0	04/01/22 16:18	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/01/22 16:18	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/01/22 16:18	
Trichloroethene	ug/L	<0.32	1.0	04/01/22 16:18	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/01/22 16:18	
Vinyl chloride	ug/L	<0.17	1.0	04/01/22 16:18	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	04/01/22 16:18	
4-Bromofluorobenzene (S)	%	96	70-130	04/01/22 16:18	
Toluene-d8 (S)	%	99	70-130	04/01/22 16:18	

LABORATORY CONTROL SAMPLE: 2372361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.7	91	66-130	
1,1,2-Trichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethane	ug/L	50	53.7	107	68-132	
1,1-Dichloroethene	ug/L	50	61.5	123	85-126	
1,2,4-Trichlorobenzene	ug/L	50	43.3	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.8	86	51-126	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

LABORATORY CONTROL SAMPLE: 2372361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,2-Dichloroethane	ug/L	50	50.1	100	70-130	
1,2-Dichloropropane	ug/L	50	50.5	101	78-125	
1,3-Dichlorobenzene	ug/L	50	46.0	92	70-130	
1,4-Dichlorobenzene	ug/L	50	46.5	93	70-130	
Benzene	ug/L	50	48.8	98	70-132	
Bromodichloromethane	ug/L	50	48.6	97	70-130	
Bromoform	ug/L	50	41.3	83	65-130	
Bromomethane	ug/L	50	44.8	90	44-128	
Carbon tetrachloride	ug/L	50	54.0	108	70-130	
Chlorobenzene	ug/L	50	47.7	95	70-130	
Chloroethane	ug/L	50	73.1	146	73-137	L1
Chloroform	ug/L	50	51.4	103	80-122	
Chloromethane	ug/L	50	49.7	99	27-148	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.1	88	70-130	
Cyclohexane	ug/L	50	53.2	106	50-150	
Dibromochloromethane	ug/L	50	46.8	94	70-130	
Dichlorodifluoromethane	ug/L	50	42.4	85	22-151	
Ethylbenzene	ug/L	50	47.7	95	80-123	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	70-130	
m&p-Xylene	ug/L	100	98.5	98	70-130	
Methyl-tert-butyl ether	ug/L	50	47.1	94	66-130	
Methylcyclohexane	ug/L	50	44.9	90	50-150	
Methylene Chloride	ug/L	50	57.2	114	70-130	
o-Xylene	ug/L	50	47.0	94	70-130	
Styrene	ug/L	50	51.2	102	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	48.1	96	80-121	
trans-1,2-Dichloroethene	ug/L	50	58.1	116	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	58-125	
Trichloroethene	ug/L	50	49.3	99	70-130	
Trichlorofluoromethane	ug/L	50	64.6	129	84-148	
Vinyl chloride	ug/L	50	56.8	114	63-142	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

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### REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40242654001	2022_03_28_HACHTEL_POTABL E	EPA 8260	411949		
40242654002	2022_03_28_PUNDSACK_POTAB LE	EPA 8260	411949		
40242654003	2022_03_28_WILSON_POTABLE	EPA 8260	411949		
40242654004	2022_03_28_NESS_POTABLE	EPA 8260	411949		
40242654005	2022_03_28_LUBBERT_POTABL E A	EPA 8260	411949		
40242654006	2022_03_28_LUBBERT_POTABL E B	EPA 8260	411949		
40242654007	2022_03_28_LUBBERT_POTABL E C	EPA 8260	411949		
40242654008	2022_03_28_LUBBERT_POTABL E D	EPA 8260	411949		
40242654009	2022_03_28_GEHRKE_POTABLE	EPA 8260	411949		
40242654010	2022_03_28_LAMBERSON_POTA BLE	EPA 8260	411949		
40242654011	2022_03_28_BERNDT_POTABLE	EPA 8260	411949		
40242654012	2022_03_28_DUPLICATE_POTAB LE	EPA 8260	411949		
40242654013	2022_03_29_MACLEOD_POTABL E	EPA 8260	411949		
40242654014	2022_03_29_BARTZ_POTABLE	EPA 8260	411949		
40242654015	2022_03_29_KRAUSE_POTABLE	EPA 8260	411949		
40242654016	TB033022	EPA 8260	411949		

### REPORT OF LABORATORY ANALYSIS

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# 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

40242654

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP USA, Inc.

Billing Information: WSP USA, Inc.

Address: 5957 Mckee Rd. Suite 7, Madison, WI 53719

Report To: Tim Huff, Cal Johnson

Copy To: Cal.Johnson@wsp.com

Email To: Tim.Huff@wsp.com

Customer Project Name/Number: ENB Line 13 MP312 Valve Site - 31401967.705

Site Collection Info/Address: WI /Fort Atkinson [ ] PT [ ] MT [ ] CT [ ] ET

Phone: (571) 217-6759

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [x] No

Collected By (print): Cal Johnson

Purchase Order #:

DW PWS ID #:

Collected By (signature): [Signature]

Turnaround Date Required: Standard TAT

Immediately Packed on Ice: [x] Yes [ ] No

Sample Disposal: [x] Dispose as appropriate [ ] Return

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day

Field Filtered (if applicable): [ ] Yes [x] No

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

Customer Sample ID

Matrix \*

Comp / Grab

Collected (or Composite Start) Date Time Composite End Date Time Res Cl # of Ctns

2022-03-28-Hickel-Potable

GW

Grab

3/28/22 0935 - - - 3

2022-03-28-Pundsch-Potable

1015 - - -

2022-03-28-Wilson-Potable

1050 - - -

2022-03-28-Ness-Potable

1135 - - -

2022-03-28-Libbert-Potable A

1215 - - -

2022-03-28-Libbert-Potable B

1305 - - -

2022-03-28-Libbert-Potable C

1335 - - -

2022-03-28-Libbert-Potable D

1415 - - -

2022-03-28-Gehle-Potable

1500 - - -

2022-03-28-Lamberson-Potable

1545 - - -

VOCs WI List 8260

Container Preservative Type \*\*

Lab Project Manager:

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

Analyses

Lab Profile/Line:

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

LAB USE ONLY: Lab Sample # / Comments:

001, 002, 003, 004, 005, 006, 007, 008, 009, 010

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None, Packing Material Used: see SCUR 3/31/22, Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A, Lab Tracking #: samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info: Temp Blank Received: Y N NA, Therm ID#: see SCUR 3/31/22, Cooler 1 Temp Upon Receipt: oC, Cooler 1 Therm Corr. Factor: oC, Cooler 1 Corrected Temp: oC

Relinquished by/Company: (Signature) Cal Johnson WSP

Date/Time: 3/30/22 1000

Received by/Company: (Signature)

Date/Time:

MTJL LAB USE ONLY

Relinquished by/Company: (Signature) C. Slagter

Date/Time: 3/31/22 830

Received by/Company: (Signature) Monte D. Payne

Date/Time: 3/31/22 830

Table #: Acctnum: Template: Prelogin: PM: PB:

Trip Blank Received: Y N NA, HCL MeOH TSP Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM: PB:

Non Conformance(s): YES / NO, Page: 42 of 45, of: 2



# 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

40242654

## ALL SHADED AREAS are for LAB USE ONLY

Company: WSP USA, Inc.

Billing Information: WSP USA, Inc.

Address: 5957 Mckee Rd. Suite 7, Madison, WI 53719

Report To: Tim Huff, Cal Johnson

Email To: Tim.Huff@wsp.com

Copy To: Cal.Johnson@wsp.com

Site Collection Info/Address:

Customer Project Name/Number: ENB Line 13 MP312 Valve Site - 31401967.705

State: WI /Fort Atkinson [ ] PT [ ] MT [ ] CT [ ] ET

Phone: (571) 217-6759  
Email: tim.huff@wsp.com

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [x] No

Collected By (print): Cal Johnson

Purchase Order #: Quote #:

DW PWS ID #: DW Location Code:

Collected By (signature): *Cal Johnson*

Turnaround Date Required: Standard TAT

Immediately Packed on Ice: [x] Yes [ ] No

Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [x] No Analysis:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
2022.03.28-Berndt-Potable	GW	Grab	3/28/22	1625	-	-	-	3
2022.03.28-Duplicate-Potable				0000	-	-	-	
2022.03.29-Madecol-Potable			3/29/22	0930	-	-	-	
2022.03.29-Berntz-Potable				1005	-	-	-	
2022.03.29-Marsz-Potable				1830	-	-	-	
TB033022	-	-	-	-	-	-	-	2

VOCs WI List 8260

Container Preservative Type \*\*

3

Lab Project Manager:

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

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Solids 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:

001 011  
002 012  
003 7/31/22 up 013  
014  
015  
016

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None  
Packing Material Used:  
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A  
Lab Tracking #:  
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) Cal Johnson WSP

Date/Time: 3/30/22 1000

Received by/Company: (Signature)

Date/Time:

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

Relinquished by/Company: (Signature) CS Logistics

Date/Time: 3/31/22 830

Received by/Company: (Signature) Mary Ann Olsen

Date/Time: 3/31/22 830

PM:  
PB:

Trip Blank Received: Y N NA  
HCL MeOH TSP Other

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM:  
PB:

Non Conformance(s): YES / NO  
Page: 2 of 43  
of: 2

Client Name: WSP

Sample Preservation Receipt Form  
 Project # 40242654

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

Initial when completed: \_\_\_\_\_ Date/Time: \_\_\_\_\_

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

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

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

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9A	40 mL clear ascorbic	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG4U	120 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG5U	100 mL amber glass unpres			VG9D	40 mL clear vial DI	ZPLC	ziploc bag
AG2S	500 mL amber glass H2SO4					GN	
BG3U	250 mL clear glass unpres						

Page 1 of 2

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

Client Name: WSP

Project #:

**WO# : 40242654**



Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waitco  
 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 - III Type of Ice:  Wet  Blue  Dry  None

Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 0° /Corr: 0°

Temp Blank Present:  yes  no

Biological Tissue is Frozen:  yes  no

Person examining contents:

Date: 3/31/22 initials: mp

Labeled By Initials: SKL

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.
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.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input 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>A-77</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 login

April 08, 2022

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

RE: Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40243007

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 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,



Tod Noltemeyer for  
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

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## CERTIFICATIONS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

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### **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

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## REPORT OF LABORATORY ANALYSIS

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### SAMPLE SUMMARY

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40243007

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Lab ID	Sample ID	Matrix	Date Collected	Date Received
40243007001	2022.03.28_LUBBERT_POTABLE_A	Water	03/28/22 12:15	03/31/22 08:30

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40243007

---

<b>Lab ID</b>	<b>Sample ID</b>	<b>Method</b>	<b>Analysts</b>	<b>Analytes Reported</b>
40243007001	2022.03.28_LUBBERT_POTABLE_A	EPA 8260	JAV	68

---

PASI-G = Pace Analytical Services - Green Bay

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

**Sample:** 2022.03.28\_LUBBERT\_POT **Lab ID:** 40243007001 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE\_A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/04/22 15:11	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/04/22 15:11	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/04/22 15:11	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/04/22 15:11	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/04/22 15:11	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/04/22 15:11	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/04/22 15:11	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/04/22 15:11	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/04/22 15:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/04/22 15:11	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/04/22 15:11	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/04/22 15:11	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/04/22 15:11	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/04/22 15:11	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/04/22 15:11	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/04/22 15:11	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/04/22 15:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/04/22 15:11	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/04/22 15:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/04/22 15:11	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/04/22 15:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/04/22 15:11	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/04/22 15:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/04/22 15:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/04/22 15:11	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/04/22 15:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/04/22 15:11	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/04/22 15:11	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/04/22 15:11	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/04/22 15:11	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/04/22 15:11	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/04/22 15:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/04/22 15:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/04/22 15:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/04/22 15:11	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/04/22 15:11	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/04/22 15:11	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

**Sample:** 2022.03.28\_LUBBERT\_POT **Lab ID:** 40243007001 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE\_A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/04/22 15:11	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/04/22 15:11	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/04/22 15:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/04/22 15:11	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/04/22 15:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/04/22 15:11	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/04/22 15:11	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/04/22 15:11	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/04/22 15:11	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/04/22 15:11	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/04/22 15:11	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/04/22 15:11	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/04/22 15:11	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/04/22 15:11	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/04/22 15:11	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/04/22 15:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/04/22 15:11	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/04/22 15:11	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/04/22 15:11	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/04/22 15:11	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/04/22 15:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/04/22 15:11	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

QC Batch: 411949

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV Oxygenates

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40243007001

METHOD BLANK: 2372360

Matrix: Water

Associated Lab Samples: 40243007001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	04/01/22 16:18	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	04/01/22 16:18	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	04/01/22 16:18	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	04/01/22 16:18	
1,1-Dichloroethane	ug/L	<0.30	1.0	04/01/22 16:18	
1,1-Dichloroethene	ug/L	<0.58	1.0	04/01/22 16:18	
1,1-Dichloropropene	ug/L	<0.41	1.0	04/01/22 16:18	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	04/01/22 16:18	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	04/01/22 16:18	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/01/22 16:18	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	04/01/22 16:18	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	04/01/22 16:18	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	04/01/22 16:18	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	04/01/22 16:18	
1,2-Dichloroethane	ug/L	<0.29	1.0	04/01/22 16:18	
1,2-Dichloropropane	ug/L	<0.45	1.0	04/01/22 16:18	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	04/01/22 16:18	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	04/01/22 16:18	
1,3-Dichloropropane	ug/L	<0.30	1.0	04/01/22 16:18	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	04/01/22 16:18	
2,2-Dichloropropane	ug/L	<4.2	5.0	04/01/22 16:18	
2-Chlorotoluene	ug/L	<0.89	5.0	04/01/22 16:18	
4-Chlorotoluene	ug/L	<0.89	5.0	04/01/22 16:18	
Benzene	ug/L	<0.30	1.0	04/01/22 16:18	
Bromobenzene	ug/L	<0.36	1.0	04/01/22 16:18	
Bromochloromethane	ug/L	<0.36	5.0	04/01/22 16:18	
Bromodichloromethane	ug/L	<0.42	1.0	04/01/22 16:18	
Bromoform	ug/L	<3.8	5.0	04/01/22 16:18	
Bromomethane	ug/L	<1.2	5.0	04/01/22 16:18	
Carbon tetrachloride	ug/L	<0.37	1.0	04/01/22 16:18	
Chlorobenzene	ug/L	<0.86	1.0	04/01/22 16:18	
Chloroethane	ug/L	<1.4	5.0	04/01/22 16:18	
Chloroform	ug/L	<1.2	5.0	04/01/22 16:18	
Chloromethane	ug/L	<1.6	5.0	04/01/22 16:18	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	04/01/22 16:18	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	04/01/22 16:18	
Cyclohexane	ug/L	<1.3	5.0	04/01/22 16:18	
Dibromochloromethane	ug/L	<2.6	5.0	04/01/22 16:18	
Dibromomethane	ug/L	<0.99	5.0	04/01/22 16:18	
Dichlorodifluoromethane	ug/L	<0.46	5.0	04/01/22 16:18	

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

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40243007

METHOD BLANK: 2372360 Matrix: Water  
Associated Lab Samples: 40243007001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	04/01/22 16:18	
Ethylbenzene	ug/L	<0.33	1.0	04/01/22 16:18	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/01/22 16:18	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/01/22 16:18	
m&p-Xylene	ug/L	<0.70	2.0	04/01/22 16:18	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/01/22 16:18	
Methylcyclohexane	ug/L	<1.2	5.0	04/01/22 16:18	
Methylene Chloride	ug/L	<0.32	5.0	04/01/22 16:18	
n-Butylbenzene	ug/L	<0.86	1.0	04/01/22 16:18	
n-Heptane	ug/L	<1.6	5.0	04/01/22 16:18	
n-Hexane	ug/L	<1.5	5.0	04/01/22 16:18	
n-Propylbenzene	ug/L	<0.35	1.0	04/01/22 16:18	
Naphthalene	ug/L	<1.1	5.0	04/01/22 16:18	
o-Xylene	ug/L	<0.35	1.0	04/01/22 16:18	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/01/22 16:18	
sec-Butylbenzene	ug/L	<0.42	1.0	04/01/22 16:18	
Styrene	ug/L	<0.36	1.0	04/01/22 16:18	
tert-Butylbenzene	ug/L	<0.59	1.0	04/01/22 16:18	
Tetrachloroethene	ug/L	<0.41	1.0	04/01/22 16:18	
Toluene	ug/L	<0.29	1.0	04/01/22 16:18	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/01/22 16:18	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/01/22 16:18	
Trichloroethene	ug/L	<0.32	1.0	04/01/22 16:18	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/01/22 16:18	
Vinyl chloride	ug/L	<0.17	1.0	04/01/22 16:18	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	04/01/22 16:18	
4-Bromofluorobenzene (S)	%	96	70-130	04/01/22 16:18	
Toluene-d8 (S)	%	99	70-130	04/01/22 16:18	

LABORATORY CONTROL SAMPLE: 2372361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.1	102	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	45.7	91	66-130	
1,1,2-Trichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethane	ug/L	50	53.7	107	68-132	
1,1-Dichloroethene	ug/L	50	61.5	123	85-126	
1,2,4-Trichlorobenzene	ug/L	50	43.3	87	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.8	86	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	46.8	94	70-130	
1,2-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,2-Dichloroethane	ug/L	50	50.1	100	70-130	
1,2-Dichloropropane	ug/L	50	50.5	101	78-125	
1,3-Dichlorobenzene	ug/L	50	46.0	92	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

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### QUALITY CONTROL DATA

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40243007

LABORATORY CONTROL SAMPLE: 2372361

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	48.8	98	70-132	
Bromodichloromethane	ug/L	50	48.6	97	70-130	
Bromoform	ug/L	50	41.3	83	65-130	
Bromomethane	ug/L	50	44.8	90	44-128	
Carbon tetrachloride	ug/L	50	54.0	108	70-130	
Chlorobenzene	ug/L	50	47.7	95	70-130	
Chloroethane	ug/L	50	73.1	146	73-137	L1
Chloroform	ug/L	50	51.4	103	80-122	
Chloromethane	ug/L	50	49.7	99	27-148	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.1	88	70-130	
Cyclohexane	ug/L	50	53.2	106	50-150	
Dibromochloromethane	ug/L	50	46.8	94	70-130	
Dichlorodifluoromethane	ug/L	50	42.4	85	22-151	
Ethylbenzene	ug/L	50	47.7	95	80-123	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	70-130	
m&p-Xylene	ug/L	100	98.5	98	70-130	
Methyl-tert-butyl ether	ug/L	50	47.1	94	66-130	
Methylcyclohexane	ug/L	50	44.9	90	50-150	
Methylene Chloride	ug/L	50	57.2	114	70-130	
o-Xylene	ug/L	50	47.0	94	70-130	
Styrene	ug/L	50	51.2	102	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	48.1	96	80-121	
trans-1,2-Dichloroethene	ug/L	50	58.1	116	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	58-125	
Trichloroethene	ug/L	50	49.3	99	70-130	
Trichlorofluoromethane	ug/L	50	64.6	129	84-148	
Vinyl chloride	ug/L	50	56.8	114	63-142	
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	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

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## QUALIFIERS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40243007

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### DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

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Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40243007001	2022.03.28_LUBBERT_POTABLE _A	EPA 8260	411949		

### REPORT OF LABORATORY ANALYSIS

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# 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

40242654

ALL SHADED AREAS are for LAB USE ONLY

Company: WSP USA, Inc.

Billing Information: WSP USA, Inc.

Address: 5957 Mckee Rd. Suite 7, Madison, WI 53719

Report To: Tim Huff, Cal Johnson

Email To: Tim.Huff@wsp.com

Copy To: Cal.Johnson@wsp.com

Site Collection Info/Address:

Customer Project Name/Number: ENB Line 13 MP312 Valve Site - 31401967.705

State: WI / County/City: Fort Atkinson [ ] PT [ ] MT [ ] CT [ ] ET

Phone: (571) 217-6759  
Email: tim.huff@wsp.com

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [x] No

Collected By (print): Cal Johnson / Al Moreland / Ansel Chesney

Purchase Order #: Quote #:

DW PWS ID #: DW Location Code:

Collected By (signature): *[Signature]*

Turnaround Date Required: Standard TAT

Immediately Packed on Ice: [x] Yes [ ] No

Sample Disposal: [x] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [x] No Analysis:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
2022-03-28-Hickel-Potable	GW	Grab	3/28/22	0935	-	-	-	3
2022-03-28-Pundlich-Potable				1015	-	-	-	
2022-03-28-Wilson-Potable				1050	-	-	-	
2022-03-28-Ness-Potable				1135	-	-	-	
2022-03-28-Libbert-Potable A				1215	-	-	-	
2022-03-28-Libbert-Potable B				1305	-	-	-	
2022-03-28-Libbert-Potable C				1335	-	-	-	
2022-03-28-Libbert-Potable D				1415	-	-	-	
2022-03-28-Gehle-Potable				1500	-	-	-	
2022-03-28-Lamberson-Potable				1545	-	-	-	

VOCs WI List 8260

Container Preservative Type \*\*

Lab Project Manager:

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

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signature Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Soils Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: \_\_\_\_\_

Sample pH Acceptable Y N NA

pH Strips: \_\_\_\_\_

Sulfide Present Y N NA

Lead Acetate Strips: \_\_\_\_\_

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None  
Packing Material Used: *see SCAR 3/31/22*  
Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A  
Lab Tracking #:  
Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:  
Temp Blank Received: Y N NA  
Therm ID#: *see SCAR*  
Cooler 1 Temp Upon Receipt: *31.3/22*  
Cooler 1 Therm Corr. Factor: *31.3*  
Cooler 1 Corrected Temp: *31.3*  
Comments:

Relinquished by/Company: (Signature) Cal Johnson WSP *[Signature]*

Date/Time: 3/30/22 1000

Received by/Company: (Signature)

Date/Time: 830

MTJL LAB USE ONLY

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

Date/Time: 3/31/22 830

Received by/Company: (Signature) *[Signature]*

Date/Time: 3/31/22

Table #: Acctnum: Template: Prelogin:

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

PM: PB:

Trip Blank Received: Y N NA  
HCL MeOH TSP Other  
Non Conformance(s): YES / NO  
Page: 2 of 12



**ENCLOSURE B – SAMPLING RESULTS LETTERS**



David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Bartz Trust  
W6789 Westphal Lane  
Fort Atkinson, WI 53538

Re: **March 29, 2022 Potable Well Results  
Bartz Residence  
W6789 Westphal Lane  
Fort Atkinson, WI 53538**

Dear Mr. Bartz:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 29, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 29, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Bartz
			Sample ID	2022.03.29_ BARTZ_ POTABLE
			Date	3/29/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Bartz
			Sample ID	2022.03.29_ BARTZ_ POTABLE
			Date	3/29/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_29\_BARTZ\_POTA BLE** Lab ID: **40242654014** Collected: 03/29/22 10:05 Received: 03/31/22 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 01:23	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 01:23	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 01:23	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:23	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:23	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 01:23	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 01:23	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 01:23	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 01:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 01:23	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:23	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 01:23	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 01:23	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:23	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 01:23	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 01:23	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:23	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 01:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 01:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 01:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:23	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 01:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 01:23	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 01:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:23	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 01:23	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 01:23	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 01:23	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 01:23	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 01:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 01:23	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:23	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:23	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_BARTZ\_POTA BLE **Lab ID:** 40242654014 **Collected:** 03/29/22 10:05 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 01:23	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 01:23	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 01:23	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 01:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:23	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 01:23	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 01:23	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:23	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 01:23	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:23	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:23	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 01:23	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:23	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:23	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:23	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 01:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 01:23	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 01:23	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 01:23	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	100	%	70-130		1		04/02/22 01:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/02/22 01:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/02/22 01:23	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Robert Berndt  
N1859 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Berndt Residence  
W1859 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Mr. Berndt:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Berndt
			Sample ID	2022.03.28_ BERNDT_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7



**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Berndt
			Sample ID	2022.03.28_ BERNDT_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_BERNDT\_POT** Lab ID: **40242654011** Collected: 03/28/22 16:25 Received: 03/31/22 08:30 Matrix: Water  
ABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 00:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 00:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 00:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 00:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 00:24	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 00:24	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 00:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 00:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 00:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 00:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 00:24	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 00:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 00:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 00:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 00:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 00:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 00:24	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 00:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:24	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 00:24	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 00:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 00:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 00:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 00:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 00:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:24	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:24	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_BERNDT\_POT **Lab ID:** 40242654011 **Collected:** 03/28/22 16:25 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 00:24	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 00:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 00:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 00:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 00:24	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 00:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:24	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 00:24	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:24	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:24	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 00:24	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:24	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:24	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 00:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 00:24	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 00:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 00:24	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/02/22 00:24	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		04/02/22 00:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/02/22 00:24	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Brad Carothers  
N1796 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Carothers Residence  
W1796 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Mr. Carothers:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the shared potable well located at the Gehrke residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample your well. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr.Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Gehrke
			Sample ID	2022.03.28_ GEHRKE_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Gehrke
			Sample ID	2022.03.28_ GEHRKE_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_GEHRKE\_PO** Lab ID: **40242654009** Collected: 03/28/22 15:00 Received: 03/31/22 08:30 Matrix: Water  
TABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:45	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:45	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:45	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:45	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:45	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:45	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:45	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:45	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:45	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:45	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:45	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:45	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:45	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:45	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:45	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_GEHRKE\_PO **Lab ID:** 40242654009 Collected: 03/28/22 15:00 Received: 03/31/22 08:30 Matrix: Water  
**TABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:45	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:45	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:45	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:45	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:45	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:45	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:45	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 23:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 23:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/01/22 23:45	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Michelle & Mary Gehrke  
N1804 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Gehrke Residence  
W1804 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Michelle and Mary Gehrke:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Gehrke
			Sample ID	2022.03.28_ GEHRKE_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Gehrke
			Sample ID	2022.03.28_ GEHRKE_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_GEHRKE\_PO** Lab ID: **40242654009** Collected: 03/28/22 15:00 Received: 03/31/22 08:30 Matrix: Water  
TABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:45	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:45	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:45	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:45	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:45	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:45	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:45	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:45	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:45	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:45	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:45	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:45	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:45	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:45	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:45	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:45	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_GEHRKE\_PO** Lab ID: **40242654009** Collected: 03/28/22 15:00 Received: 03/31/22 08:30 Matrix: Water  
TABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:45	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:45	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:45	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:45	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:45	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:45	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:45	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:45	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:45	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:45	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:45	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:45	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 23:45	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 23:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/01/22 23:45	2199-69-1	

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Ronald and Victoria Hachtel  
W6876 Hartwig Lane  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Hachtel Residence  
W6876 Hartwig Lane  
Fort Atkinson, WI 53538**

Dear Ronald and Victoria Hachtel:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an interior water spigot adjacent to the pressure tank. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr.Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Hachtel
			Sample ID	2022.03.28_ HACHTEL_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Hachtel
			Sample ID	2022.03.28_ HACHTEL_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter



### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_HACHTEL\_PO **Lab ID:** 40242654001 **Collected:** 03/28/22 09:35 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 21:10	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 21:10	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 21:10	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:10	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:10	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 21:10	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 21:10	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 21:10	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 21:10	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 21:10	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:10	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 21:10	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 21:10	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:10	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 21:10	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 21:10	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:10	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:10	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 21:10	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 21:10	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:10	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 21:10	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:10	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 21:10	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:10	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 21:10	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 21:10	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:10	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 21:10	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 21:10	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 21:10	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 21:10	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:10	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:10	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 21:10	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 21:10	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:10	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:10	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_HACHTEL\_PO **Lab ID:** 40242654001 **Collected:** 03/28/22 09:35 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 21:10	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 21:10	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:10	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 21:10	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 21:10	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:10	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 21:10	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 21:10	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:10	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 21:10	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:10	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:10	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 21:10	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:10	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:10	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:10	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 21:10	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 21:10	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 21:10	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 21:10	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 21:10	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 21:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/01/22 21:10	2199-69-1	

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Kevin Krause  
W6884 Hartwig Lane  
Fort Atkinson, WI 53538

Re: **March 29, 2022 Potable Well Results  
Krause Residence  
W6884 Hartwig Lane  
Fort Atkinson, WI 53538**

Dear Mr. Krause:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 29, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an interior water spigot adjacent to the pressure tank. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 29, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Krause (former Maasz)
			Sample ID	2022.03.29_ KRAUSE_ POTABLE
			Date	3/29/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Krause (former Maasz)
			Sample ID	2022.03.29_KRAUSE_POTABLE
			Date	3/29/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_29\_KRAUSE\_POT** Lab ID: **40242654015** Collected: 03/29/22 18:30 Received: 03/31/22 08:30 Matrix: Water  
ABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 01:42	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 01:42	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 01:42	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:42	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:42	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 01:42	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 01:42	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 01:42	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 01:42	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 01:42	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:42	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 01:42	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 01:42	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:42	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 01:42	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 01:42	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:42	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:42	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 01:42	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 01:42	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:42	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 01:42	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:42	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 01:42	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:42	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 01:42	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 01:42	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:42	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 01:42	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 01:42	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 01:42	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 01:42	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:42	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:42	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 01:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 01:42	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:42	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:42	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_KRAUSE\_POT **Lab ID:** 40242654015 **Collected:** 03/29/22 18:30 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 01:42	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 01:42	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:42	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 01:42	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 01:42	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:42	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 01:42	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 01:42	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:42	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 01:42	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:42	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:42	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 01:42	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:42	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:42	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:42	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 01:42	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 01:42	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 01:42	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 01:42	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/02/22 01:42	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/02/22 01:42	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/02/22 01:42	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Robert Lamberson  
N1962 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Lamberson Residence  
W1962 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Mr. Lamberson:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table



**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lamberson
			Sample ID	2022.03.28_ LAMBERSON_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lamberson
			Sample ID	2022.03.28_ LAMBERSON_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_LAMBERSON** Lab ID: **40242654010** Collected: 03/28/22 15:45 Received: 03/31/22 08:30 Matrix: Water  
\_POTABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 00:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 00:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 00:05	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:05	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:05	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 00:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 00:05	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 00:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 00:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 00:05	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:05	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 00:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 00:05	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:05	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 00:05	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 00:05	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 00:05	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 00:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 00:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 00:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:05	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 00:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 00:05	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 00:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:05	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 00:05	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 00:05	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 00:05	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 00:05	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 00:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 00:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 00:05	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 00:05	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 00:05	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LAMBERSON **Lab ID:** 40242654010 Collected: 03/28/22 15:45 Received: 03/31/22 08:30 Matrix: Water  
**\_POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 00:05	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 00:05	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 00:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 00:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 00:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 00:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 00:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 00:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 00:05	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 00:05	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 00:05	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 00:05	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 00:05	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:05	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 00:05	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 00:05	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 00:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 00:05	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 00:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 00:05	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/02/22 00:05	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		04/02/22 00:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/02/22 00:05	2199-69-1	

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**David Schultz**  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

**Enbridge Energy, Limited Partnership**  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 12, 2022

Lisa Lubbert  
Well Location: 2270363E 333007N (NAD83 WIS FIPS 4803 FT)  
Parcel No. 016-0514-0832-008  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Lubbert Property  
Well Location: 2270363E 333007N (NAD83 WIS FIPS 4803 FT)  
Parcel No. 016-0514-0832-008  
Fort Atkinson, WI 53538**

Dear Mrs. Lubbert:

Enbridge retained WSP to conduct sampling from the potable well at your property. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022, sampling event.

Sampling was conducted at an exterior water spigot adjacent to a barn (Sample Name: Lubbert A). The sample was collected into laboratory supplied containers and submitted to Pace Analytical for volatile organic compound (VOC) analysis, which was completed on April 1, 2022, and the sample was re-analyzed for VOCs on April 4, 2022. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL), as defined in the attached Wisconsin Groundwater Law summary, for each compound are included in the summary table for your reference.

No VOCs were detected in the sample in exceedance of the WDNR ES. Bromomethane was detected in the sample at an estimated concentration of 1.7 micrograms per liter ( $\mu\text{g/L}$ ), which is above the WDNR PAL of 1.0  $\mu\text{g/L}$  but below the WDNR ES of 10  $\mu\text{g/L}$ . Pace Analytical reviewed the bromomethane detection and concluded that it was not the result of laboratory cross-contamination or bottles used during sample collection. The sample was re-analyzed to confirm the initial result, but bromomethane was not detected in the re-analysis. Bromomethane is not a constituent in the diluent material associated with the Blackhawk Island Road Valve Site. Two fact sheets for bromomethane, also known as methyl bromide, are attached for your reference and indicate that bromomethane is used as a fumigant and pesticide. The fact sheets are from the U.S. Environmental Protection Agency (EPA) and the National Pesticide Information Center (NPIC). The fact sheets provide information about potential sources of bromomethane.

Bromomethane was detected in the initial laboratory analysis at an estimated concentration, which means that it was below the laboratory's Limit of Quantitation (LOQ). The LOQ is the concentration above which a laboratory can accurately and precisely measure the concentration.

Below the LOQ, the concentration can only be estimated as it is very near the lower limit for detecting if a compound is present or absent. This lower limit is referred to as the Limit of Detection (LOD). When concentrations occur between the LOD and LOQ, they are “flagged” to indicate an estimated concentration. An estimated concentration is useful for helping to identify if a compound may be present in a water sample, but is less reliable than a concentration above the LOQ, which can be measured accurately and precisely.

For more information about VOCs in drinking water, please find attached the Wisconsin Department of Natural Resources Bureau of Drinking Water & Groundwater fact sheet for volatile organic compounds in drinking water and/or go to [dnr.wi.gov](http://dnr.wi.gov), Search: Drinking Water.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please do not hesitate to contact any of the following if you have questions:

- David Schultz, Sr. Advisor, Lands & ROW for Enbridge - (608) 756-3167; [david.schultz@enbridge.com](mailto:david.schultz@enbridge.com)
- Bart Johnson, Fort Atkinson Area Manager for Enbridge - (608) 756-0071; [bart.johnson@enbridge.com](mailto:bart.johnson@enbridge.com)
- Caroline Rice, Hydrogeologist for WDNR - (608) 219-2182; [caroline.rice@wisconsin.gov](mailto:caroline.rice@wisconsin.gov)

Respectfully,



Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table  
Wisconsin Groundwater Law Summary  
EPA and NPIC Fact Sheets for Methyl Bromide  
WDNR Fact Sheet for Volatile Organic Compounds in Drinking Water

Cc/encl: Bart Johnson, Enbridge  
Caroline Rice, WDNR

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert A	Lubbert A
			Sample ID	2022.03.28_ LUBBERT_A_ POTABLE	2022.03.28_ LUBBERT_A_ POTABLE
			Date	3/28/2022 (b)	3/28/2022 (c)
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>					
1,1,1,2-Tetrachloroethane	70	7		<0.36	<0.36
1,1,1-Trichloroethane	200	40		<0.30	<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38	<0.38
1,1,2-Trichloroethane	5	0.5		<0.34	<0.34
1,1-Dichloroethane	850	85		<0.30	<0.30
1,1-Dichloroethene	7	0.7		<0.58	<0.58
1,1-Dichloropropene	--	--		<0.41	<0.41
1,2,3-Trichlorobenzene	--	--		<1.0	<1.0
1,2,3-Trichloropropane	60	12		<0.56	<0.56
1,2,4-Trichlorobenzene	70	14		<0.95	<0.95
1,2,4-Trimethylbenzene	480	96		<0.45	<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4	<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31	<0.31
1,2-Dichlorobenzene	600	60		<0.33	<0.33
1,2-Dichloroethane	5	0.5		<0.29	<0.29
1,2-Dichloropropane	5	0.5		<0.45	<0.45
1,3,5-Trimethylbenzene	480	96		<0.36	<0.36
1,3-Dichlorobenzene	600	120		<0.35	<0.35
1,3-Dichloropropane	--	--		<0.30	<0.30
1,4-Dichlorobenzene	75	15		<0.89	<0.89
2,2-Dichloropropane	--	--		<4.2	<4.2
2-Chlorotoluene	--	--		<0.89	<0.89
4-Chlorotoluene	--	--		<0.89	<0.89
Benzene	5	0.5		<0.30	<0.30
Bromobenzene	--	--		<0.36	<0.36
Bromochloromethane	--	--		<0.36	<0.36
Bromodichloromethane	0.6	0.06		<0.42	<0.42
Bromoform	4.4	0.44		<3.8	<3.8
Bromomethane	10	1		1.7 J	<1.2
Carbon tetrachloride	5	0.5		<0.37	<0.37
Chlorobenzene	100	20		<0.86	<0.86
Chloroethane	400	80		<1.4	<1.4
Chloroform	6	0.6		<1.2	<1.2
Chloromethane	30	3		<1.6	<1.6
Cyclohexane	--	--		<1.3	<1.3
Dibromochloromethane	60	6		<2.6	<2.6
Dibromomethane	--	--		<0.99	<0.99
Dichlorodifluoromethane	1000	200		<0.46	<0.46
Diisopropyl ether	--	--		<1.1	<1.1
Ethylbenzene	700	140		<0.33	<0.33
Hexachloro-1,3-butadiene	--	--		<2.7	<2.7

**Potable Well Analytical Results - March 2022**  
**Line 13 MP312 Valve Site**  
**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert A	Lubbert A
			Sample ID	2022.03.28_ LUBBERT_A_ POTABLE	2022.03.28_ LUBBERT_A_ POTABLE
			Date	3/28/2022 (b)	3/28/2022 (c)
Isopropylbenzene (Cumene)	--	--		<1.0	<1.0
Methyl-tert-butyl ether	60	12		<1.1	<1.1
Methylcyclohexane	--	--		<1.2	<1.2
Methylene Chloride	5	0.5		<0.32	<0.32
Naphthalene	100	10		<1.1	<1.1
Styrene	100	10		<0.36	<0.36
Tetrachloroethene	5	0.5		<0.41	<0.41
Toluene	800	160		<0.29	<0.29
Trichloroethene	5	0.5		<0.32	<0.32
Trichlorofluoromethane	3490	698		<0.42	<0.42
Vinyl chloride	0.2	0.02		<0.17	<0.17
cis-1,2-Dichloroethene	70	7		<0.47	<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36	<0.36
m&p-Xylene	--	--		<0.70	<0.70
n-Butylbenzene	--	--		<0.86	<0.86
n-Heptane	--	--		<1.6	<1.6
n-Hexane	--	--		<1.5	<1.5
n-Propylbenzene	--	--		<0.35	<0.35
o-Xylene	--	--		<0.35	<0.35
p-Isopropyltoluene	--	--		<1.0	<1.0
sec-Butylbenzene	--	--		<0.42	<0.42
tert-Butylbenzene	--	--		<0.59	<0.59
trans-1,2-Dichloroethene	100	20		<0.53	<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5	<3.5

Acronyms and Abbreviations

a/ Wisconsin Department of Natural Resources (WDNR) Administrative Code Chapter

b/ Sample analyzed on 4/1/2022

c/ Sample analyzed on 4/4/2022

NR 140.10, Table 1 - Public Health Groundwater Standards. February 2021.

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

ug/L = Micrograms per liter



### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654005 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	71-55-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 22:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 22:28	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 22:28	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:28	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:28	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 22:28	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 22:28	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 22:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 22:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 22:28	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:28	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 22:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 22:28	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:28	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 22:28	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 22:28	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:28	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 22:28	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 22:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 22:28	75-25-2	
Bromomethane	1.7J	ug/L	5.0	1.2	1		04/01/22 22:28	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 22:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 22:28	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 22:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:28	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 22:28	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 22:28	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 22:28	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 22:28	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 22:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 22:28	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:28	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:28	108-87-2	

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## ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654005 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 22:28	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 22:28	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 22:28	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 22:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:28	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 22:28	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 22:28	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:28	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 22:28	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:28	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:28	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 22:28	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:28	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:28	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:28	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 22:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 22:28	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 22:28	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 22:28	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/01/22 22:28	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/01/22 22:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/01/22 22:28	2199-69-1	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

**Sample:** 2022.03.28\_LUBBERT\_POT **Lab ID:** 40243007001 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE\_A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/04/22 15:11	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/04/22 15:11	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/04/22 15:11	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/04/22 15:11	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/04/22 15:11	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/04/22 15:11	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/04/22 15:11	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/04/22 15:11	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/04/22 15:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/04/22 15:11	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/04/22 15:11	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/04/22 15:11	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/04/22 15:11	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/04/22 15:11	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/04/22 15:11	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/04/22 15:11	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/04/22 15:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/04/22 15:11	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/04/22 15:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/04/22 15:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/04/22 15:11	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/04/22 15:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/04/22 15:11	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/04/22 15:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/04/22 15:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/04/22 15:11	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/04/22 15:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/04/22 15:11	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/04/22 15:11	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/04/22 15:11	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/04/22 15:11	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/04/22 15:11	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/04/22 15:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/04/22 15:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/04/22 15:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/04/22 15:11	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/04/22 15:11	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/04/22 15:11	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40243007

**Sample:** 2022.03.28\_LUBBERT\_POT **Lab ID:** 40243007001 **Collected:** 03/28/22 12:15 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE\_A**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/04/22 15:11	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/04/22 15:11	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/04/22 15:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/04/22 15:11	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/04/22 15:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/04/22 15:11	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/04/22 15:11	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/04/22 15:11	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/04/22 15:11	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/04/22 15:11	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/04/22 15:11	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/04/22 15:11	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/04/22 15:11	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/04/22 15:11	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/04/22 15:11	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/04/22 15:11	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/04/22 15:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/04/22 15:11	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/04/22 15:11	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/04/22 15:11	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/04/22 15:11	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/04/22 15:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/04/22 15:11	2199-69-1	

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# WISCONSIN'S GROUNDWATER LAW

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Wisconsin's groundwater law, [Ch. 160, Wis. Stats.](#) [exit DNR], established the framework for a comprehensive approach to protect public health and welfare and the environment. The intent of this law is to minimize the concentration of polluting substances in groundwater through the use of numerical standards in all groundwater regulatory programs. The law applies to all groundwater in the state and is used by all state agencies in their regulatory programs that may impact groundwater.

Current standards

Setting new standards

Applying standards

## STATE GROUNDWATER STANDARDS (NR 140)

Under Ch. 160, DNR must establish state groundwater quality standards based on recommendations from the Department of Health Services (DHS). The state groundwater standards are in [NR 140, Wis. Adm. Code](#) [exit DNR].

[NR 140 is updated periodically](#) to include standards for new substances or revisions as needed for existing standards. Setting new groundwater standards is a continual process based on a priority list of substances established by DNR and other state agencies.

For each substance, two numerical standards are set - an Enforcement Standard (ES) and a Preventive Action Limit (PAL).

## ENFORCEMENT STANDARD (ES)

Chapter NR 140 groundwater quality ES recommendations are developed by DHS based on existing "federal numbers," such as public drinking water maximum contaminant levels (MCLs), or through a statutorily prescribed process that incorporates drinking water exposure assumptions, established health based "acceptable daily intake" levels and, for carcinogenic substances, a calculated "one in a million" cancer risk level.

If an established groundwater ES is exceeded at a regulated facility, practice or activity, a response action is required to achieve compliance with the ES. Chapter NR 140 response actions include operational changes, design or construction modifications and, potentially, prohibition or closure of a facility, practice or activity.

## PREVENTIVE ACTION LIMIT (PAL)

A ch. NR 140 PAL, in accordance with ch. 160, Wis. Stats., is set at a percentage of an established ES concentration. PAL groundwater quality standards are used as design standards for facilities, practices and activities regulated by the state that can affect groundwater. They are also the level at which a regulatory agency may investigate the source of a substance in groundwater and require response actions to minimize the substance concentration and prevent exceedance of an ES.

## **CURRENT GROUNDWATER STANDARDS**

- [Public health groundwater quality standards](#)
- [Public welfare groundwater quality standards](#)

## **SETTING NEW GROUNDWATER STANDARDS (UPDATING NR 140)**

Wisconsin's groundwater standard setting process is subject to the requirements of the [state rulemaking process](#). The main steps in setting standards that are unique to promulgation of groundwater quality standards are as follows.

1. A list of substances which are detected in groundwater or have a reasonable probability of entering groundwater is generated in one of two ways:
  - a. each regulatory agency submits to the DNR a list of those substances which are related to facilities, activities and practices within its authority to regulate and which are detected in or have a reasonable probability of entering the groundwater resources of the state; or
  - b. any person may petition a regulatory agency to add or delete a substance from the list.
2. DNR and DHS determine which substances on the priority list are of public health concern and which are of public welfare concern. DHS develops recommendations for health-related substances. DNR develops proposed standards for substances which are not health-related but cause aesthetic or other effects. Background documents for all substances are prepared for rulemaking.
3. The DNR proposes revisions to Chapter NR 140, Wis. Adm. Code, and seeks hearing authorization from the Natural Resources Board.
4. Public hearings are held by DNR to seek public comments on proposed standards.
5. DNR makes a final determination on proposed standards based on DHS recommendations, new information from state and federal sources and public comments.

## **AMENDMENTS TO GROUNDWATER STANDARDS**

Learn more about current efforts to [update NR 140 groundwater quality standards](#).

## **APPLYING GROUNDWATER STANDARDS**

Chapter NR 140 groundwater quality standards are used as design standards for facilities, practices and activities regulated by the state that can affect groundwater. These activities include: contamination site cleanup, authorized discharges of treated liquid and solid waste, use of approved agricultural chemicals, regulation of solid waste landfills and beneficial use of industrial byproducts. NR 140 groundwater quality standards also apply to bottled drinking water in Wisconsin, and they are used to determine eligibility for the private water supply Well Compensation Grant Program, administered under ch. NR 123, Wis. Adm. Code.

## REGULATORY PROGRAMS

Once rules are adopted, regulatory agencies must review their existing rules regulating facilities, activities and practices which may be sources of substances that have new standards. If existing rules are inadequate to prevent standards from being exceeded, the regulations governing these facilities, activities and practices must be revised ([s. 160.19, Wis. Stats.](#) [exit DNR]). If standards have been exceeded, agencies must require site-specific actions and must review the adequacy of their rules ([s. 160.21-26, Wis. Stats.](#) [exit DNR]). This assures that all groundwater gets the same level of protection regardless of which agency is responsible for regulating the activity.

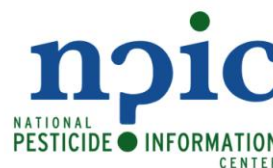
### In the news

- [DHS, DNR, DATCP Work to Make Groundwater Cleaner](#) June 21, 2019
- [DNR and DHS Work Together to Improve Water Quality in Wisconsin](#) April 10, 2019

### Related links

- [NR 140 groundwater quality standards update](#)
- [Per- and polyfluoroalkyl substances \(PFAS\) contamination](#)
- [Current groundwater standards](#)
- [Groundwater Coordinating Council](#)
- [Well compensation grant program](#)

This fact sheet was created in 2000; some of the information may be out-of-date. NPIC is not planning to update this fact sheet. More pesticide fact sheets are available [here](#). Please call NPIC with any questions you have about pesticides at 800-858-7378, Monday through Friday, 8:00 am to 12:00 pm PST.



NPTN General Fact Sheets are designed to answer questions that are commonly asked by the general public about pesticides that are regulated by the U.S. Environmental Protection Agency (U.S. EPA). This document is intended to be helpful to professionals and to the general public for making decisions about pesticide use.

# Methyl Bromide

## (General Fact Sheet)

Please refer to the **Technical Fact Sheet** for more technical information.

**The Pesticide Label:** Labels provide directions for the proper use of a pesticide product. *Be sure to read the entire label before using any product.* A signal word, on each product label, indicates the product's potential hazard.

**CAUTION - low toxicity**

**WARNING - moderate toxicity**

**DANGER - high toxicity**

## What is methyl bromide?

- Methyl bromide is a fumigant used against a wide variety of pests including spiders, mites, fungi, plants, insects, nematodes, and rodents (1). Introduced as a pesticide in 1932, methyl bromide was first registered in the United States in 1961 (1, 2).
- Farmers use methyl bromide primarily to treat soil to kill nematodes, fungi, and weeds (2, 3). Pesticide applicators also use methyl bromide to treat perishable commodities and buildings (3).
- The U.S. Environmental Protection Agency (EPA) has classified methyl bromide as a "Restricted Use Pesticide" (RUP), i.e., a pesticide that may be purchased and used only by certified applicators or persons under their direct supervision (1). This classification is due to the acute toxicity of methyl bromide. See the **Pesticide Label** box above.
- Methyl bromide is a colorless, non-flammable gas that has no odor except at high levels (4).
- Methyl bromide use is currently being reduced because of its ability to destroy the ozone layer (5). Beginning January 1, 2005, production and use of methyl bromide will stop in the United States, except for emergency and critical uses (5). For more information regarding the phase out of methyl bromide, visit the U.S. EPA Methyl Bromide Phase Out web site (<http://www.epa.gov/docs/ozone/mbr/mbrqa.html>).
- Methyl bromide is produced naturally and synthetically. The major sources in the environment are the oceans, biomass burning, and fumigation use (7, 8). Human contributions of methyl bromide to global sources are currently unknown (6, 7, 8).



## How does methyl bromide work?

- Methyl bromide fills air spaces in enclosed areas and penetrates cracks, crevices, and pores in soil, commodities, and structures (9). To be an effective treatment, an appropriate concentration of methyl bromide must be contained at the application site for a given period of time (9). Pesticide applicators cover methyl bromide treatment sites with plastic tarps or tents to confine the gas (9, 10). Methyl bromide leaves the application site after the treatment is complete (10, 11, 12, 13).
- Scientists believe that methyl bromide is toxic because it damages several sites in organism's cells (7, 14). Methyl bromide binds to DNA, fats, and proteins (7, 14).

**Laboratory Testing:** Before pesticides are registered by the U.S. EPA, they must undergo laboratory testing for short-term (acute) and long-term (chronic) health effects. Laboratory animals are purposely fed high enough doses to cause toxic effects. These tests help scientists judge how these chemicals might affect humans, domestic animals, and wildlife in cases of overexposure. When pesticide products are used according to the label directions, toxic effects are not likely to occur because the amount of pesticide that people and pets may be exposed to is low compared to the doses fed to laboratory animals.

## What are some products that contain methyl bromide?

- Brom-O-Gas®
- M B C
- M-B-R
- Meth-O-Gas®
- Terr-O-Gas®
- Other products not listed here

## How toxic is methyl bromide?

### Animals

- Methyl bromide is moderately toxic when fed to rats (1). See boxes on **Laboratory Testing**, **Toxicity Category**, and **LD50/LC50** (Refer to Technical Fact Sheet for LD<sub>50</sub> values).
- In short-term inhalation studies, methyl bromide is low in toxicity to mice and very low in toxicity to rats (7).
- Researchers had mice inhale methyl bromide for 13 weeks and observed lower body weights at the highest methyl bromide level (7). Mice inhaling lower methyl bromide levels did not display adverse health effects (7).
- Researchers fed dogs food containing methyl bromide for one year and did not detect any adverse health effects (15).
- Animal studies show that methyl bromide can affect the brain, kidneys, nose, heart, adrenal glands, liver, testes, and lungs (7, 16). Researchers have demonstrated in animal studies that a large increase in toxicity can occur with a small increase in methyl bromide exposure (2, 7).

**LD50/LC50:** A common measure of acute toxicity is the lethal dose (LD50) or lethal concentration (LC50) that causes death (resulting from a single or limited exposure) in 50 percent of the treated animals. LD50 is generally expressed as the dose in milligrams (mg) of chemical per kilogram (kg) of body weight. LC50 is often expressed as mg of chemical per volume (e.g., liter (L)) of medium (i.e., air or water) the organism is exposed to. Chemicals are considered highly toxic when the LD50/LC50 is small and practically non-toxic when the value is large. However, the LD50/LC50 does not reflect any effects from long-term exposure (i.e., cancer, birth defects, or reproductive toxicity) that may occur at levels below those that cause death.

**Toxicity Category (Signal Word) (17)**

	<b>High Toxicity (Danger)</b>	<b>Moderate Toxicity (Warning)</b>	<b>Low Toxicity (Caution)</b>	<b>Very Low Toxicity (Caution)</b>
<b>Oral LD50</b>	Less than 50 mg/kg	50 - 500 mg/kg	500 - 5000 mg/kg	Greater than 5000 mg/kg
<b>Dermal LD50</b>	Less than 200 mg/kg	200 - 2000 mg/kg	2000 - 5000 mg/kg	Greater than 5000 mg/kg
<b>Inhalation LC50</b>	Less than 0.05 mg/l	0.05 - 0.5 mg/l	0.5 - 2 mg/l	Greater than 2 mg/l
<b>Eye Effects</b>	Corrosive	Irritation persisting for 7 days	Irritation reversible within 7 days	Minimal effects, gone within 24 hrs
<b>Skin Effects</b>	Corrosive	Severe irritation at 72 hours	Moderate irritation at 72 hours	Mild or slight irritation

## Humans

- Human experience and use history indicate that methyl bromide is highly toxic (1). Methyl bromide is corrosive to both the skin and eyes (1).
- Signs of methyl bromide poisoning may include headaches, nausea, vomiting, difficulty with vision, lack of energy, confusion, loss of coordination, slurred speech, and skin, eye, and respiratory irritation (2, 7, 18, 19). In severe poisonings, paralysis, convulsions, coma, and death may occur (2, 7, 18, 19). Signs of poisoning may be delayed only a few minutes to 48 hours following methyl bromide exposure (2, 7, 19).
- Researchers suggest that long term exposure to low levels of methyl bromide affects the nervous system, but the evidence is not conclusive (2, 18, 20, 21).

## Does methyl bromide cause reproductive or birth defects?

### Animals

- Male and female rats inhaling methyl bromide did not have difficulty reproducing. Researchers observed decreased body weights for the parents and reduced growth of the offspring at the higher methyl bromide levels. At the lower methyl bromide levels, researchers did not observe adverse health effects (22).
- Pregnant rabbits inhaling methyl bromide at the highest level had a greater frequency of offspring with malformations. Researchers detected the increased frequency of malformations only when the mothers displayed adverse health effects from inhaling methyl bromide. They did not detect adverse effects at the lower methyl bromide levels (7, 22).

### Humans

- Data are not available from accidental poisonings, work-related exposure, or other human studies regarding the reproductive and developmental toxicity of methyl bromide.

## Does methyl bromide cause cancer?

### Animals

- Researchers exposed rats to methyl bromide by stomach tubes and observed swelling and increased cell growth in the stomachs of rats but not cancer at the levels tested (7, 22, 23).
- Mice inhaling methyl bromide for 2 years displayed no evidence of cancer (16).
- Researchers often test chemicals for their ability to change the genetic material of an organism as an indication of the potential to cause cancer. Evidence exists to indicate that methyl bromide can cause changes in genetic material (24).

**Cancer:** The U.S. EPA has strict guidelines that require testing of pesticides for their potential to cause cancer. These studies involve feeding laboratory animals large *daily* doses of the pesticide over most of the lifetime of the animal. Based on these tests, and any other available information, EPA gives the pesticide a rating for its potential to cause cancer in humans. For example, if a pesticide does not cause cancer in animal tests at large doses, then the EPA considers it unlikely the pesticide will cause cancer in humans. Testing for cancer is not done on human subjects.

### Humans

- The U.S. EPA classifies methyl bromide as a group D carcinogen (25). This classification means that the ability of methyl bromide to cause cancer has not been determined (25). See box on **Cancer**.
- In a study of male chemical workers, methyl bromide exposure was suggested as a common factor in two fatal cases of testicular cancer, but researchers could not reach definite conclusions due to other factors (22).

- A study of fumigation workers generated evidence that DNA damage may be associated with methyl bromide exposure (26).

## What happens to methyl bromide in the environment?

- Methyl bromide contributes to destruction of the ozone layer (5, 6).
- Methyl bromide is broken down by sunlight and chemical reactions in the air (11). It is also broken down by water and microorganisms (11, 27).
- Ground water contamination is not likely because methyl bromide readily enters into air after use (28).

## How does methyl bromide affect fish and wildlife?

- There is no data available on the direct effects of methyl bromide on birds and wild mammals (7).
- Methyl bromide is considered low in toxicity to fish. Researchers do not believe methyl bromide accumulates in fish (7, 28).

Date reviewed: June 2000

### For more information contact: NPIC

Oregon State University, 310 Weniger Hall, Corvallis, Oregon 97331  
 Phone: 1-800-858-7378 Fax: 1-541-737-0761 Email: npic@ace.orst.edu  
 NPIC at www.npic.orst.edu EXTOXNET at http://extoxnet.orst.edu/

## References

1. *Pesticide Fact Sheet Number 98: Methyl Bromide*. U.S. Environmental Protection Agency, Office of Pesticide Programs, U.S. Government Printing Office: Washington, DC, 1986.
2. Gehring, P. J.; Nolan, R. J.; Watanabe, P. G.; Schumann, A. M. Solvents, Fumigants and Related Compounds. In *Handbook of Pesticide Toxicology*; Hayes, W. J.; Laws, E. R.; Eds.; Academic: San Diego, CA, 1991; Vol. 2, pp 668-671.
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NPIC is sponsored cooperatively by Oregon State University and the U.S. Environmental Protection Agency. Data presented through NPIC documents are based on selected authoritative and peer-reviewed literature. The information in this profile does not in any way replace or supersede the restrictions, precautions, directions or other information on the pesticide label/ing or other regulatory requirements.

# Methyl Bromide (Bromomethane)

74-83-9

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## Hazard Summary

Methyl bromide is used as a fumigant and pesticide. Exposure may occur during fumigation activities. Methyl bromide is highly toxic. Studies in humans indicate that the lung may be severely injured by the acute (short-term) inhalation of methyl bromide. Acute and chronic (long-term) inhalation of methyl bromide can lead to neurological effects in humans. Neurological effects have also been reported in animals. Degenerative and proliferative lesions in the nasal cavity developed in rats chronically exposed to methyl bromide by inhalation. Chronic inhalation exposure of male animals has resulted in effects on the testes at high concentrations. EPA has classified methyl bromide as a Group D, not classifiable as to human carcinogenicity.

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Please Note: The main sources of information for this fact sheet are EPA's Integrated Risk Information System (IRIS) (3), which contains information on inhalation chronic toxicity of methyl bromide and the [RfC](#), oral chronic toxicity and the [RfD](#), and the Agency for Toxic Substances and Disease Registry's (ATSDR's) Toxicological Profile for Bromomethane. (1) Other secondary sources include The Merck Index (7) and EPA's Health Effects Assessment for Bromomethane. (5)

## Uses

- The primary use of methyl bromide is as a fumigant in soil to control fungi, nematodes, and weeds; in space fumigation of food commodities (e.g., grains); and in storage facilities (such as mills, warehouses, vaults, ships, and freight cars) to control insects and rodents. (2,7,10)

## Sources and Potential Exposure

- In most places, levels of methyl bromide in the air are usually < 0.025 parts per billion (ppb). Industrial areas have higher levels (ranging up to 1.2 ppb) because of releases from chemical factories. (1) Workers
- who fumigate homes and fields may be exposed to high levels of methyl bromide if proper safety precautions are not followed. (1)
- Trace amounts of methyl bromide have been detected in drinking water. (2)
- Some methyl bromide is formed naturally by algae or kelp in the ocean. (1)

## Assessing Personal Exposure

- The main breakdown product of methyl bromide (the bromide ion) can be measured in blood samples; this test is useful only if it is done within 1 to 2 days following exposure. (1)

## Health Hazard Information

### Acute Effects:

- Studies in humans indicate that the lung may be most severely injured by the acute inhalation exposure of methyl bromide. Breathing high concentrations of methyl bromide may cause pulmonary edema, impairing respiratory function. (1,3)

- Acute exposure by inhalation of methyl bromide frequently leads to neurological effects in humans. Symptoms of acute exposure in humans include headaches, dizziness, fainting, apathy, weakness, confusion, speech impairment, visual effects, numbness, twitching, and tremors; in severe cases paralysis and convulsions are possible. Acute exposure may produce delayed effects. Symptoms may improve without treatment in less serious cases. (1,3)
- Methyl bromide is irritating to the eyes, skin, and mucous membranes of the upper respiratory tract. Dermal exposure to methyl bromide can cause itching, redness, and blisters in humans. (1)
- Kidney damage has been observed in humans who have inhaled high levels of methyl bromide. (1)
- Inhalation of methyl bromide may cause the liver to become swollen and tender, but no significant injury to the liver has been observed in humans. (1)
- Injury to the heart has been observed in mice and rats exposed to high concentrations of methyl bromide by inhalation. (1,3)
- Tests involving acute exposure of rats and mice have demonstrated methyl bromide to have high acute toxicity from inhalation and oral exposure. (4)

#### Chronic Effects (Noncancer):

- Data from an occupational study suggest that mild functional neurological impairment may result in humans chronically exposed to methyl bromide by inhalation exposure, but this is not conclusive due to concurrent exposure to other chemicals and inadequate quantitation of exposure levels and durations. (1,3,5)
- Neurological effects, including lethargy, forelimb twitching, tremors, and paralysis, have also been observed in animal studies. (3,6)
- Degenerative and proliferative lesions in the nasal cavity developed in rats chronically exposed to methyl bromide by inhalation. (3)
- The Reference Concentration (RfC) for methyl bromide is 0.005 milligrams per cubic meter ( $\text{mg}/\text{m}^3$ ) based on degenerative and proliferative lesions of the olfactory epithelium of the nasal cavity. The RfC is an estimate (with uncertainty spanning perhaps an order of magnitude) of a continuous inhalation exposure to the human population (including sensitive subgroups) that is likely to be without appreciable risk of deleterious noncancer effects during a lifetime. It is not a direct estimator of risk but rather a reference point to gauge the potential effects. At exposures increasingly greater than the RfC, the potential for adverse health effects increases. Lifetime exposure above the RfC does not imply that an adverse health effect would necessarily occur. (3)
- EPA has medium confidence in the study on which the RfC was based because even though the study was well conducted, it did not identify a no-observed-adverse-effect level (NOAEL); high confidence in the database because there is a chronic inhalation study in two species supported by subchronic inhalation studies in several species and because data are available on the developmental and reproductive effects of bromomethane as well as its pharmacokinetics following inhalation exposure; and, consequently, high confidence in the RfC. (3)
- The Reference Dose (RfD) for methyl bromide is 0.0014 milligrams per kilogram body weight per day ( $\text{mg}/\text{kg}/\text{d}$ ) based on epithelial hyperplasia of the forestomach in rats. (3)
- EPA has medium confidence in the study on which the RfD was based because it used the preferred route of administration for derivation of an oral RfD, the study was adequately conducted, and the determination of epithelial hyperplasia of the forestomach was independently confirmed; medium confidence in the database; and, consequently, medium confidence in the RfD. (3)

#### Reproductive/Developmental Effects:

- No information is available on the reproductive or developmental effects of methyl bromide in humans.
- Information from animal studies suggest that methyl bromide does not cause birth defects and does not interfere with normal reproduction except at high exposure levels. (1)
- Chronic inhalation exposure of male animals has resulted in effects on the testes at high concentrations. (1,3)

- Inhalation exposure of animals during gestation has not resulted in significant developmental effects, even when there was severe maternal toxicity. (1,3,5)

#### Cancer Risk:

- In a human mortality study, a higher incidence of death from testicular cancer was identified in men occupationally exposed to methyl bromide. However, methyl bromide could not be established as the causative agent because the individuals in the study were exposed to a wide variety of brominated chemicals. (1,3,5)
- There was no evidence of carcinogenic activity in mice in a National Toxicology Program (NTP) chronic inhalation study. (6)
- EPA has classified methyl bromide as a Group D, not classifiable as to human carcinogenicity, based on inadequate human and animal data. (3,5)

## Physical Properties

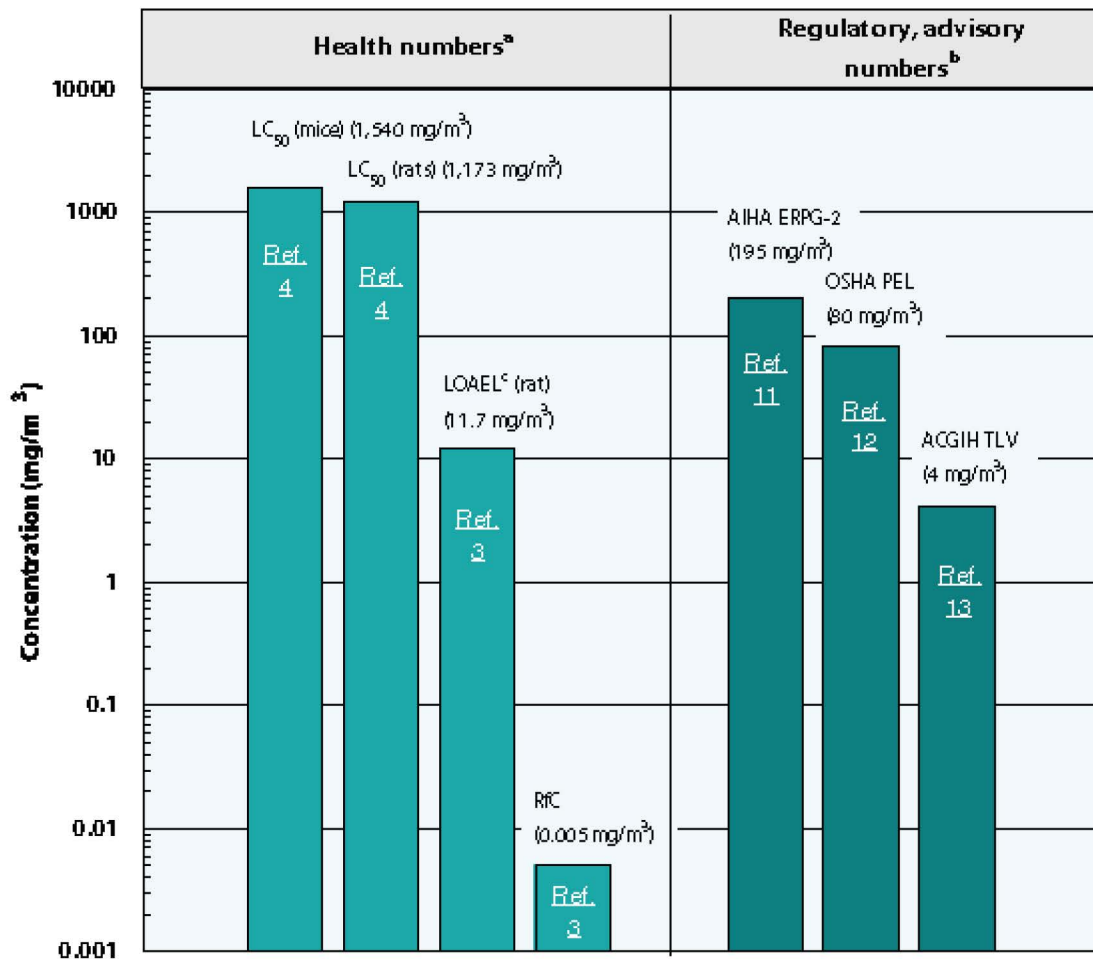
- The chemical formula for methyl bromide is  $\text{CH}_3\text{Br}$ , and it has a molecular weight of 94.95 g/mol. (7)
  - Methyl bromide occurs as a colorless and highly volatile gas that is slightly soluble in water. (7,8)
  - Methyl bromide is practically odorless but has a sweetish chloroform-like odor at high concentrations with an odor threshold of 80  $\text{mg}/\text{m}^3$ . (3,7,9)
  - The vapor pressure for methyl bromide is 1,420 mm Hg at 20 °C, and it has a log octanol/water partition coefficient ( $\log K_{ow}$ ) of 1.1. (1)
- 

#### Conversion Factors:

To convert concentrations in air (at 25 °C) from ppm to  $\text{mg}/\text{m}^3$ :  $\text{mg}/\text{m}^3 = (\text{ppm}) \times (\text{molecular weight of the compound}) / (24.45)$ . For methyl bromide: 1 ppm = 3.9  $\text{mg}/\text{m}^3$ .

### Health Data from Inhalation Exposure

# Methyl Bromide



AIHA ERPG--American Industrial Hygiene Association's emergency response planning guidelines. ERPG 2 is the maximum airborne concentration below which it is believed nearly all individuals could be exposed up to one hour without experiencing or developing irreversible or other serious health effects that could impair their abilities to take protective action.

ACGIH TLV--American Conference of Governmental and Industrial Hygienists' threshold limit value expressed as a time-weighted average; the concentration of a substance to which most workers can be exposed without adverse effect.

LC<sub>50</sub> (Lethal Concentration<sub>50</sub>)--A calculated concentration of a chemical in air to which exposure for a specific length of time is expected to cause death in 50% of a defined experimental animal population.

LOAEL--Lowest-observed-adverse-effect level.

OSHA PEL--Occupational Safety and Health Administration's permissible exposure limit expressed as a time-weighted average; the concentration of a substance to which most workers can be exposed without adverse effect averaged over a normal 8-h workday or a 40-h workweek.

The health and regulatory values cited in this factsheet were obtained in December 1999.

<sup>a</sup> Health numbers are toxicological numbers from animal testing or risk assessment values developed by EPA.

<sup>b</sup> Regulatory numbers are values that have been incorporated in Government regulations, while advisory numbers are nonregulatory values provided by the Government or other groups as advice. OSHA numbers are regulatory, whereas ACGIH and AIHA numbers are advisory.

<sup>c</sup> This LOAEL is from the critical study used as the basis for the EPA RfC.



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Summary created in April 1992, updated January 2000

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# Volatile Organic Compounds in Drinking Water

The term “volatile organic chemicals” or “VOCs” refers to a group of chemicals that include solvents used in many industrial and household products. Gasoline and fuel oil are also common mixtures of many VOCs. The presence of VOCs in groundwater is cause for concern. Improper handling or disposal of VOCs can affect the quality of our groundwater and drinking water. Wisconsin has groundwater standards in place to protect this important groundwater and drinking water resource.

This brochure explains how VOCs can contaminate drinking water, how they affect our health, and how to remove them from drinking water. In addition, the brochure provides information on assistance that is available to families whose private wells are contaminated with VOCs.

*Produced by Department of Natural Resources in cooperation with the State Department of Health & Family Services. Reviewed by the GCC Education Subcommittee.*

Wisconsin Department of Natural Resources  
Bureau of Drinking Water & Groundwater

## What are VOCs and how are they used?

VOCs are a group of chemicals commonly used in industrial, commercial and household applications. The most abundant source of VOCs are fossil fuel products such as gasoline and fuel oil. Since they also make excellent solvents, VOCs are used as cleaning and liquefying agents in fuels, degreasers, solvents, polishes, cosmetics, and dry cleaning solutions. VOCs can be found at service stations; machine, print and paint shops; electronics and chemical plants; dry cleaning establishments; and in homes.



## How do VOCs enter groundwater?

When VOCs are spilled or disposed of on or below the land the VOC contaminants can migrate through soil and into the groundwater. Once they enter groundwater, VOCs can remain there for years. These chemicals move with the groundwater and pose a threat to nearby drinking water wells.

## What makes a well vulnerable to VOC contamination?

Several factors can affect a well’s vulnerability to VOC contamination. These include:

- 💧 **Location.** Typically VOC-contaminated wells are located near industrial or commercial areas, gas stations, landfills, or railroad tracks.
- 💧 **Quantity.** Larger spills tend to affect a wider geographic region and can result in higher levels of contamination than small spills.
- 💧 **Well depth and construction.** Since contaminants are seeping from the ground surface, shallow wells are more likely to be affected than deep wells.

💧 **Soil type.** Areas with highly porous or sandy soils, and shallow depths to groundwater, are most vulnerable to contamination. Clay soils can adsorb and slow down the movement of some contaminants. This is helpful because slow groundwater movement can allow for natural attenuation and break down of the harmful VOCs.

💧 **Time.** Groundwater usually moves very slowly. It can take years for VOCs to reach a well. Wells that are safe today may eventually become contaminated by a spill that happened in the past. This is why it is very important to test water supplies regularly.

## What are the health risks of VOCs?

VOCs include hundreds of different chemicals. Some VOCs are quite toxic, while others pose less risk. Several commonly used VOCs have been studied in biological experiments and in occupational settings.

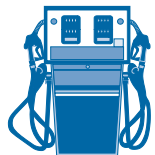
State and federal agencies are responsible for ensuring the safety of our drinking water. To do this, they set limits of how much of a contaminant can be in drinking water. These limits are called “Maximum Contaminant Levels” (MCLs) and groundwater “enforcement standards” (ESs). Limits are set at levels that protect against short-term and long-term exposures and are cost effective to implement.

Public water supplies are tested regularly to ensure that they meet the safe drinking water standards. Private well owners are responsible for the safety of their own water supply. All wells located near a source of VOCs, such as a landfill, airport, industrial site, or service station, should be tested periodically. If you notice a solvent-like or gasoline taste or odor in your water, you should use an alternate, safe source of drinking water until your water can be tested for VOCs.



Health risks vary depending on the type of VOC. Generally, effects of short-term exposure include symptoms of intoxication (dizziness,

headache, confusion, nausea), anemia and fatigue. Effects of long-term exposure can include cancer, liver damage, spasms, and impaired speech, hearing and vision.



You can protect yourself and the environment from direct VOC exposure in your everyday life by carefully handling gasoline when you pump gas for your car or any type of motor. In addition, you should not use gasoline as a cleaning solvent for mechanical equipment. Contamination of VOCs from gasoline is one of the greatest threats to our air and water quality.

### ***What can be done when a community well is contaminated with VOCs?***



If a community well is contaminated with VOCs, consumers will be notified of the problem by the water system owner and given instructions on what to do. Typically, the water system will be required to drill a new well in an uncontaminated area. Communities can also opt to treat the water by aeration or filtration. These methods are highly effective in reducing VOC levels. However, the cost of equipment, operation and maintenance can be very high. Water quality must also be monitored regularly to assure that the treatment continues to work.

### ***What solutions are available for private well owners?***

Private well owners should have their water tested if they suspect contamination. Owners whose wells have VOCs above health advisory levels should contact the DNR for assistance. In most cases, they will be advised to replace the well with a new, safe water supply. Sometimes, a temporary solution can be used. These typically involve the use of bottled water, connecting to a neighboring well, or installing a home treatment system.

Because treatment systems vary in their ability to remove different types of contaminants, well owners should be wary of sales claims. The Department of Safety and Professional Services can provide information about approved home treatment systems for removing select contaminants. If the well serves the public, a restaurant for example, then DNR approval is required for the specific installation. Low-income well owners may be eligible for a grant to pay a portion of the costs of establishing a safe water supply. Eligibility guidelines and applications are available online at [dnr.wi.gov](http://dnr.wi.gov). Search: Well Compensation Grants.

### ***What can you do to protect your drinking water supply?***

The most important action you can take is to prevent contamination. Pouring dirty or spent solvents or paint thinners onto the ground causes environmental contamination that can potentially affect your drinking water supply.

- 💧 Dispose of solvents properly. Waste VOCs should be taken to a hazardous waste collection facility.
- 💧 Use less toxic alternatives like borax, ammonia, vinegar, and baking soda whenever possible.
- 💧 Never flush solvents into your septic system. That actually injects them directly into the ground.
- 💧 Report spills immediately to Wisconsin's 24-hour emergency hotline at 1-800-943-0003.
- 💧 Start a "Clean Sweep" hazardous waste collection/exchange in your community.
- 💧 Order a free copy of **Better Homes and Groundwater** PUB-DG-070 from the DNR for more household tips to protect your groundwater.

For the most part, Wisconsin's groundwater is in good shape. With a little care and common sense, we can keep it that way for future generations.

## **Contact Us**

**Customer Service Staff are here to assist you.**

### **How may we help you?**

Call Toll Free 1-888-WDNRINFO (1-888-936-7463) Or, go to [dnr.wi.gov](http://dnr.wi.gov), Search: Contact Click on one of the following options:

**Chat** with customer service.

**Call** a representative.

**Email** your question.



### **Toll free hotlines Violation Hotline:**

1-800-TIP-WDNR or  
phone 1-800-847-9367  
**Confidentially report**  
suspected wildlife,  
recreational and  
environmental  
violations.

### **Emergency Spill Hotline:**

1-800-943-0003 phone

### **Bilingual Services are available Drinking Water & Groundwater Program**

101 S. Webster  
P.O. Box 7921  
Madison, WI 53707-7921  
(608) 266-1054

For more information, go to [dnr.wi.gov](http://dnr.wi.gov),  
Search: Drinking Water

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Bound Property Investments LLC  
W6851 Christie Court  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results**  
**Bound Property Investments LLC**  
**W6851 Christie Court**  
**Fort Atkinson, WI 53538**

Dear Resident:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot (Sample Name: Lubbert B). The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr.Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert B
			Sample ID	2022.03.28_LUBBERT_B_POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert B
			Sample ID	2022.03.28_ LUBBERT_B_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654006 **Collected:** 03/28/22 13:05 **Received:** 03/31/22 08:30 **Matrix:** Water  
**TABLE B**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 22:47	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 22:47	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 22:47	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:47	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:47	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 22:47	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 22:47	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 22:47	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 22:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 22:47	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:47	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 22:47	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 22:47	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:47	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 22:47	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 22:47	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:47	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:47	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 22:47	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 22:47	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:47	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 22:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:47	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 22:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:47	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 22:47	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 22:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:47	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 22:47	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 22:47	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 22:47	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 22:47	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:47	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:47	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 22:47	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 22:47	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:47	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:47	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654006 Collected: 03/28/22 13:05 Received: 03/31/22 08:30 Matrix: Water  
**TABLE B**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 22:47	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 22:47	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 22:47	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 22:47	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:47	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 22:47	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 22:47	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:47	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 22:47	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:47	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:47	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 22:47	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:47	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:47	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:47	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 22:47	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 22:47	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 22:47	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 22:47	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 22:47	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		04/01/22 22:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/01/22 22:47	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Lisa Lubbert in care of W6855 Christie Court  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results**  
**Lisa Lubbert in care of W6855 Christie Court**  
**Fort Atkinson, WI 53538**

Dear Resident:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot (Sample Name: Lubbert C). The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr.Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert C
			Sample ID	2022.03.28_LUBBERT_C_POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert C
			Sample ID	2022.03.28_ LUBBERT_C_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_LUBBERT\_PO** Lab ID: **40242654007** Collected: 03/28/22 13:35 Received: 03/31/22 08:30 Matrix: Water  
TABLE C

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:06	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:06	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:06	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:06	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:06	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:06	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:06	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:06	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:06	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:06	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:06	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:06	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:06	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:06	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:06	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:06	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:06	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:06	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:06	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:06	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:06	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:06	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:06	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:06	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:06	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:06	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: 2022\_03\_28\_LUBBERT\_PO Lab ID: 40242654007 Collected: 03/28/22 13:35 Received: 03/31/22 08:30 Matrix: Water  
TABLE C

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:06	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:06	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:06	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:06	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:06	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:06	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:06	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:06	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:06	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:06	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:06	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:06	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:06	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:06	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:06	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:06	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:06	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	98	%	70-130		1		04/01/22 23:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/01/22 23:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/01/22 23:06	2199-69-1	

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Lisa Lubbert  
W6856 Christie Court  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results**  
**Lisa Lubbert**  
**W6856 Christie Court**  
**Fort Atkinson, WI 53538**

Dear Mrs. Lubbert:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot (Sample Name: Lubbert D). The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert D
			Sample ID	2022.03.28_LUBBERT_D_POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Lubbert D
			Sample ID	2022.03.28_ LUBBERT_D_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter



### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample: 2022\_03\_28\_LUBBERT\_PO** Lab ID: **40242654008** Collected: 03/28/22 14:15 Received: 03/31/22 08:30 Matrix: Water  
**TABLE D**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	71-55-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 23:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 23:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 23:26	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:26	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:26	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 23:26	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 23:26	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 23:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 23:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 23:26	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:26	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 23:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 23:26	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:26	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 23:26	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 23:26	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 23:26	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 23:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 23:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 23:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:26	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 23:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 23:26	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 23:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:26	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 23:26	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 23:26	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 23:26	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 23:26	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 23:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 23:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 23:26	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 23:26	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 23:26	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_LUBBERT\_PO **Lab ID:** 40242654008 Collected: 03/28/22 14:15 Received: 03/31/22 08:30 Matrix: Water  
**TABLE D**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 23:26	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 23:26	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 23:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 23:26	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 23:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 23:26	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 23:26	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 23:26	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 23:26	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 23:26	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 23:26	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 23:26	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 23:26	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:26	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 23:26	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 23:26	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 23:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 23:26	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 23:26	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 23:26	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	101	%	70-130		1		04/01/22 23:26	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/01/22 23:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		04/01/22 23:26	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Deanna & Michael Macleod  
N1908 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 29, 2022 Potable Well Results  
Macleod Residence  
W1908 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Mr. and Mrs. Macleod:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 29, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 29, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Macleod
			Sample ID	2022.03.29_MACLEOD_POTABLE
			Date	3/29/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Macleod
			Sample ID	2022.03.29_ MACLEOD_ POTABLE
			Date	3/29/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_29\_MACLEOD\_P** Lab ID: **40242654013** Collected: 03/29/22 09:30 Received: 03/31/22 08:30 Matrix: Water  
OTABLE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/02/22 01:03	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/02/22 01:03	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/02/22 01:03	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:03	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:03	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/02/22 01:03	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/02/22 01:03	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/02/22 01:03	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/02/22 01:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/02/22 01:03	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:03	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/02/22 01:03	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/02/22 01:03	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:03	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/02/22 01:03	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/02/22 01:03	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/02/22 01:03	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/02/22 01:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/02/22 01:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:03	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/02/22 01:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:03	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/02/22 01:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/02/22 01:03	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/02/22 01:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:03	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/02/22 01:03	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/02/22 01:03	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/02/22 01:03	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/02/22 01:03	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/02/22 01:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/02/22 01:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/02/22 01:03	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/02/22 01:03	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/02/22 01:03	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_29\_MACLEOD\_P **Lab ID:** 40242654013 **Collected:** 03/29/22 09:30 **Received:** 03/31/22 08:30 **Matrix:** Water  
**OTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/02/22 01:03	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/02/22 01:03	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/02/22 01:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/02/22 01:03	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/02/22 01:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/02/22 01:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/02/22 01:03	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/02/22 01:03	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/02/22 01:03	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/02/22 01:03	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/02/22 01:03	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/02/22 01:03	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/02/22 01:03	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:03	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/02/22 01:03	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/02/22 01:03	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/02/22 01:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/02/22 01:03	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/02/22 01:03	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/02/22 01:03	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/02/22 01:03	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/02/22 01:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/02/22 01:03	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Tyler Ness  
N1811 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Ness Residence  
W1811 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Mr. Ness:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table



**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Ness
			Sample ID	2022.03.28_ NESS_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Ness
			Sample ID	2022.03.28_ NESS_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_NESS\_POTAB** Lab ID: **40242654004** Collected: 03/28/22 11:35 Received: 03/31/22 08:30 Matrix: Water  
LE

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 22:08	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 22:08	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 22:08	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:08	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:08	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 22:08	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 22:08	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 22:08	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 22:08	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 22:08	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:08	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 22:08	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 22:08	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:08	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 22:08	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 22:08	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:08	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 22:08	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 22:08	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 22:08	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:08	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 22:08	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:08	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 22:08	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:08	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 22:08	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 22:08	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:08	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 22:08	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 22:08	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 22:08	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 22:08	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:08	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 22:08	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 22:08	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 22:08	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 22:08	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 22:08	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_NESS\_POTAB LE **Lab ID:** 40242654004 **Collected:** 03/28/22 11:35 **Received:** 03/31/22 08:30 **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 22:08	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 22:08	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 22:08	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 22:08	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 22:08	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 22:08	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 22:08	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 22:08	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 22:08	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 22:08	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 22:08	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 22:08	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 22:08	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:08	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 22:08	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 22:08	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 22:08	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 22:08	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 22:08	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 22:08	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 22:08	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		04/01/22 22:08	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/01/22 22:08	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

K&J Pundsack Trust  
W6871 Hartwig Lane  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Pundsack Residence  
W6871 Hartwig Lane  
Fort Atkinson, WI 53538**

Dear Resident:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr.Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Pundsack
			Sample ID	2022.03.28_PUNDSACK_POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Pundsack
			Sample ID	2022.03.28_PUNDSACK_POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

Sample: **2022\_03\_28\_PUNDSACK\_** Lab ID: **40242654002** Collected: 03/28/22 10:15 Received: 03/31/22 08:30 Matrix: Water  
**POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 21:29	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 21:29	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 21:29	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:29	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:29	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 21:29	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 21:29	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 21:29	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 21:29	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 21:29	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:29	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 21:29	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 21:29	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:29	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 21:29	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 21:29	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:29	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:29	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 21:29	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 21:29	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:29	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 21:29	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:29	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 21:29	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:29	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 21:29	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 21:29	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:29	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 21:29	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 21:29	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 21:29	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 21:29	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:29	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:29	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 21:29	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 21:29	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:29	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:29	108-87-2	

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_PUNDSACK\_ **Lab ID:** 40242654002 Collected: 03/28/22 10:15 Received: 03/31/22 08:30 Matrix: Water  
**POTABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 21:29	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 21:29	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:29	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 21:29	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 21:29	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:29	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 21:29	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 21:29	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:29	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 21:29	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:29	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:29	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 21:29	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:29	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:29	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:29	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 21:29	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 21:29	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 21:29	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 21:29	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 21:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		04/01/22 21:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/01/22 21:29	2199-69-1	

### REPORT OF LABORATORY ANALYSIS

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David Schultz  
Sr. Advisor  
Lands & ROW  
Enbridge Energy

Enbridge Energy, Limited Partnership  
462 Midland Rd  
Janesville, WI 53546  
Tel 608-756-3167  
David.schultz@enbridge.com

April 8, 2022

Zachary & Stephanie Wilson  
N1828 Blackhawk Island Road  
Fort Atkinson, WI 53538

Re: **March 28, 2022 Potable Well Results  
Wilson Residence  
W1828 Blackhawk Island Road  
Fort Atkinson, WI 53538**

Dear Mr. and Mrs. Wilson:

WSP USA (WSP) has been retained by Enbridge to conduct sampling from the potable well at your residence. This sampling was requested by Enbridge as part of the ongoing site investigation activities at the Blackhawk Island Road Valve Site. This letter presents the sample results from the March 28, 2022 sampling event.

**No Volatile Organic Compounds (VOCs) were detected in the sample.** Sampling was conducted at an exterior water spigot. The sample was collected into laboratory supplied containers and submitted to Pace Analytical for VOC analysis. A summary table and analytical laboratory report pages with the well sampling results are attached for your reference. The Wisconsin Department of Natural Resources (WDNR) Enforcement Standard (ES) and Preventive Action Limit (PAL) for each compound are included in the summary table for your reference. These are established groundwater standards for VOCs.

Enbridge appreciates your cooperation and allowing our consultant to access and sample the well on your property. Please contact me with any questions at (608) 756-3167 or [David.Schultz@enbridge.com](mailto:David.Schultz@enbridge.com).

Respectfully,

Sr. Advisor, Lands & ROW

Attachments: March 28, 2022 Pace Analytical Laboratory Report & Summary Table

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Wilson
			Sample ID	2022.03.28_ WILSON_ POTABLE
			Date	3/28/2022
<b>Volatile Organic Compounds (VOCs) (ug/L) by EPA Method 8260</b>				
1,1,1,2-Tetrachloroethane	70	7		<0.36
1,1,1-Trichloroethane	200	40		<0.30
1,1,2,2-Tetrachloroethane	0.2	0.02		<0.38
1,1,2-Trichloroethane	5	0.5		<0.34
1,1-Dichloroethane	850	85		<0.30
1,1-Dichloroethene	7	0.7		<0.58
1,1-Dichloropropene	--	--		<0.41
1,2,3-Trichlorobenzene	--	--		<1.0
1,2,3-Trichloropropane	60	12		<0.56
1,2,4-Trichlorobenzene	70	14		<0.95
1,2,4-Trimethylbenzene	480	96		<0.45
1,2-Dibromo-3-chloropropane	0.2	0.02		<2.4
1,2-Dibromoethane (EDB)	0.05	0.005		<0.31
1,2-Dichlorobenzene	600	60		<0.33
1,2-Dichloroethane	5	0.5		<0.29
1,2-Dichloropropane	5	0.5		<0.45
1,3,5-Trimethylbenzene	480	96		<0.36
1,3-Dichlorobenzene	600	120		<0.35
1,3-Dichloropropane	--	--		<0.30
1,4-Dichlorobenzene	75	15		<0.89
2,2-Dichloropropane	--	--		<4.2
2-Chlorotoluene	--	--		<0.89
4-Chlorotoluene	--	--		<0.89
Benzene	5	0.5		<0.30
Bromobenzene	--	--		<0.36
Bromochloromethane	--	--		<0.36
Bromodichloromethane	0.6	0.06		<0.42
Bromoform	4.4	0.44		<3.8
Bromomethane	10	1		<1.2
Carbon tetrachloride	5	0.5		<0.37
Chlorobenzene	100	20		<0.86
Chloroethane	400	80		<1.4
Chloroform	6	0.6		<1.2
Chloromethane	30	3		<1.6
Cyclohexane	--	--		<1.3
Dibromochloromethane	60	6		<2.6
Dibromomethane	--	--		<0.99
Dichlorodifluoromethane	1000	200		<0.46
Diisopropyl ether	--	--		<1.1
Ethylbenzene	700	140		<0.33
Hexachloro-1,3-butadiene	--	--		<2.7

**Potable Well Analytical Results - March 2022**

**Line 13 MP312 Valve Site**

**Fort Atkinson, Wisconsin**

Analyte	Enforcement Standard (a)	Preventive Action Limit (a)	Well Name	Wilson
			Sample ID	2022.03.28_ WILSON_ POTABLE
			Date	3/28/2022
Isopropylbenzene (Cumene)	--	--		<1.0
Methyl-tert-butyl ether	60	12		<1.1
Methylcyclohexane	--	--		<1.2
Methylene Chloride	5	0.5		<0.32
Naphthalene	100	10		<1.1
Styrene	100	10		<0.36
Tetrachloroethene	5	0.5		<0.41
Toluene	800	160		<0.29
Trichloroethene	5	0.5		<0.32
Trichlorofluoromethane	3490	698		<0.42
Vinyl chloride	0.2	0.02		<0.17
cis-1,2-Dichloroethene	70	7		<0.47
cis-1,3-Dichloropropene	0.4	0.04		<0.36
m&p-Xylene	--	--		<0.70
n-Butylbenzene	--	--		<0.86
n-Heptane	--	--		<1.6
n-Hexane	--	--		<1.5
n-Propylbenzene	--	--		<0.35
o-Xylene	--	--		<0.35
p-Isopropyltoluene	--	--		<1.0
sec-Butylbenzene	--	--		<0.42
tert-Butylbenzene	--	--		<0.59
trans-1,2-Dichloroethene	100	20		<0.53
trans-1,3-Dichloropropene	0.4	0.04		<3.5

Acronyms and Abbreviations

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

ug/L = Micrograms per liter

### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312  
Pace Project No.: 40242654

**Sample: 2022\_03\_28\_WILSON\_POT ABLE** Lab ID: 40242654003 Collected: 03/28/22 10:50 Received: 03/31/22 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/01/22 21:49	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/01/22 21:49	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/01/22 21:49	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:49	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:49	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/01/22 21:49	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/01/22 21:49	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/01/22 21:49	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/01/22 21:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/01/22 21:49	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:49	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/01/22 21:49	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/01/22 21:49	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:49	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/01/22 21:49	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/01/22 21:49	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/01/22 21:49	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		04/01/22 21:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/01/22 21:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/01/22 21:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:49	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/01/22 21:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/01/22 21:49	75-00-3	L1
Chloroform	<1.2	ug/L	5.0	1.2	1		04/01/22 21:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:49	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		04/01/22 21:49	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/01/22 21:49	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/01/22 21:49	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/01/22 21:49	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/01/22 21:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/01/22 21:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/01/22 21:49	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/01/22 21:49	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		04/01/22 21:49	108-87-2	

### REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 31401967.705 ENB LINE 13 MP312

Pace Project No.: 40242654

**Sample:** 2022\_03\_28\_WILSON\_POT **Lab ID:** 40242654003 **Collected:** 03/28/22 10:50 **Received:** 03/31/22 08:30 **Matrix:** Water  
**ABLE**

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Oxygenates</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/01/22 21:49	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/01/22 21:49	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/01/22 21:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		04/01/22 21:49	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/01/22 21:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/01/22 21:49	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/01/22 21:49	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/01/22 21:49	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/01/22 21:49	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/01/22 21:49	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/01/22 21:49	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		04/01/22 21:49	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		04/01/22 21:49	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:49	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/01/22 21:49	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/01/22 21:49	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/01/22 21:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/01/22 21:49	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/01/22 21:49	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/01/22 21:49	10061-02-6	
<b>Surrogates</b>									
Toluene-d8 (S)	99	%	70-130		1		04/01/22 21:49	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		04/01/22 21:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/01/22 21:49	2199-69-1	

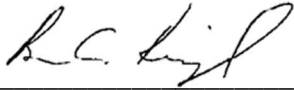
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## ENCLOSURE C – HYDROGEOLOGIST CERTIFICATION

Potable Well Sampling Results – March 2022  
Enbridge Line 13 MP 312 Valve Site  
Blackhawk Island Road  
Fort Atkinson, Wisconsin  
BRRTS Number: 02-28-586199

I, Brian C. Kimpel, certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



4/25/2022

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

Date