



February 16, 2023

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**Subject: Monitoring Well Sampling Results – Q1 2023
Enbridge Line 13 MP 312, Blackhawk Island Rd Valve Site, Ft. Atkinson, WI
WDNR BRRTS #02-28-586199**

Dear Mr. Beaster:

WSP USA Inc. (WSP) is pleased to submit the following summary of sampling results for monitoring wells that were sampled between January 18 and 20, 2023, at the Line 13 Milepost (MP) 312 Valve Site located at the intersection of Blackhawk Island Road and Westphal Lane near Fort Atkinson, Wisconsin (Site). The samples were collected in accordance with the Work Plan for Groundwater Sampling and Monitoring Well Installation, dated July 8, 2022. In accordance with NR 716.09 (3)(a), Wis. Adm. Code, the Wisconsin Department of Natural Resources (WDNR) provided a notice to proceed in correspondence dated August 8, 2022. This summary of results is provided to fulfill the reporting requirements of NR 716.14, Wis. Adm. Code.

SAMPLING LOCATIONS AND PROCEDURES

WSP collected water samples from the 25 monitoring wells at the Site on January 18 and 19, 2023. The well locations are shown on Figure 1. Groundwater samples were collected in accordance with WSP's Standard Operating Procedures using low-flow purge and sample methods. Samples were analyzed by Pace Analytical of Green Bay, Wisconsin for:

- Volatile organic compounds (VOCs) by EPA Method 8260.
- Quality Assurance / Quality Control (QA/QC) samples included three duplicate samples, two equipment blank samples, and one trip blank sample, which were submitted with the monitoring well samples for VOCs analysis.

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

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

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

VOCS SAMPLING RESULTS

The results were generally consistent with historical sampling results for the majority of monitoring well locations, with the exception of MW-06-100 and MW-13-33 as described below. Table 1 includes the laboratory analytical results for VOCs detected in one or more samples from the January sampling event. Table 2 includes the historical laboratory analytical results for select VOCs from previous sampling events. Enclosure A includes the laboratory reports. Benzene, toluene, ethylbenzene, total xylenes, trichloroethene (TCE), and vinyl chloride were detected in one or more samples at concentrations above the WDNR Enforcement Standard (ES), Preventative Action Limit (PAL), or Vapor Risk Screening Level (VRSL).

Benzene was detected at concentrations above the ES of 5 micrograms per liter ($\mu\text{g/l}$) in the samples collected from monitoring wells MW-01-32 (15,900 $\mu\text{g/l}$), MW-10-32 (17.3 $\mu\text{g/l}$), MW-14-31 (118 $\mu\text{g/l}$), and MW-18-31 (10,300 $\mu\text{g/l}$). Benzene was detected at concentrations above the PAL of 0.5 $\mu\text{g/l}$ in the samples collected from monitoring wells MW-06-32 (0.53 $\mu\text{g/l}$), MW-06-100 (1.2 $\mu\text{g/l}$), and MW-11-32 (0.51 $\mu\text{g/l}$).

Ethylbenzene was detected at concentrations above the PAL of 140 $\mu\text{g/l}$ in the sample collected from monitoring well MW-18-31 (146 $\mu\text{g/l}$). Toluene was detected at concentrations above the ES of 800 $\mu\text{g/l}$ in the samples collected from monitoring wells MW-01-32 (5,140 $\mu\text{g/l}$) and MW-18-31 (1,650 $\mu\text{g/l}$). Total xylenes were detected at concentrations above the PAL of 400 $\mu\text{g/l}$ in the samples collected from monitoring wells MW-01-32 (445 $\mu\text{g/l}$) and MW-18-31 (506 $\mu\text{g/l}$).

Trichloroethene was detected at concentrations above the ES (5.0 $\mu\text{g/l}$) in the sample collected at MW-06-60 (15.6 $\mu\text{g/l}$) and above the PAL (0.5 $\mu\text{g/l}$) in the sample collected at MW-06-32 (4.7 $\mu\text{g/l}$). Vinyl chloride, a degradation product of TCE, was detected in the sample collected from MW-13-33 at an estimated concentration of 0.43 $\mu\text{g/l}$, above the ES of 0.2 $\mu\text{g/l}$. Trichloroethene and vinyl chloride are not associated with the diluent release.

No VOCs were detected above the laboratory method detection limits in the equipment blank or trip blank samples. The results for the duplicate samples collected at monitoring wells MW-01-32, MW-14-31, and MW-18-31 were generally consistent with their respective primary samples.

At the request of Enbridge, WSP is planning to resample monitoring well MW-13-33 during Q1 2023 to confirm the vinyl chloride and benzene results, and the Q2 2023 monitoring tentatively scheduled for April 2023 will provide additional information.



MNA PARAMETER SAMPLING RESULTS

Table 3 includes the laboratory analytical results for MNA parameters, Table 4 includes the historical results for MNA parameters, and Table 5 includes the historical field parameters. Enclosure A includes the laboratory reports. The January 2023 MNA sampling results were generally consistent with historical sampling results and confirm that anaerobic conditions with nitrate reduction, manganese reduction, iron reduction, sulfate reduction, and methanogenesis are occurring within shallow impacted groundwater in the source area and immediately downgradient of the source area.

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

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

Kind regards,

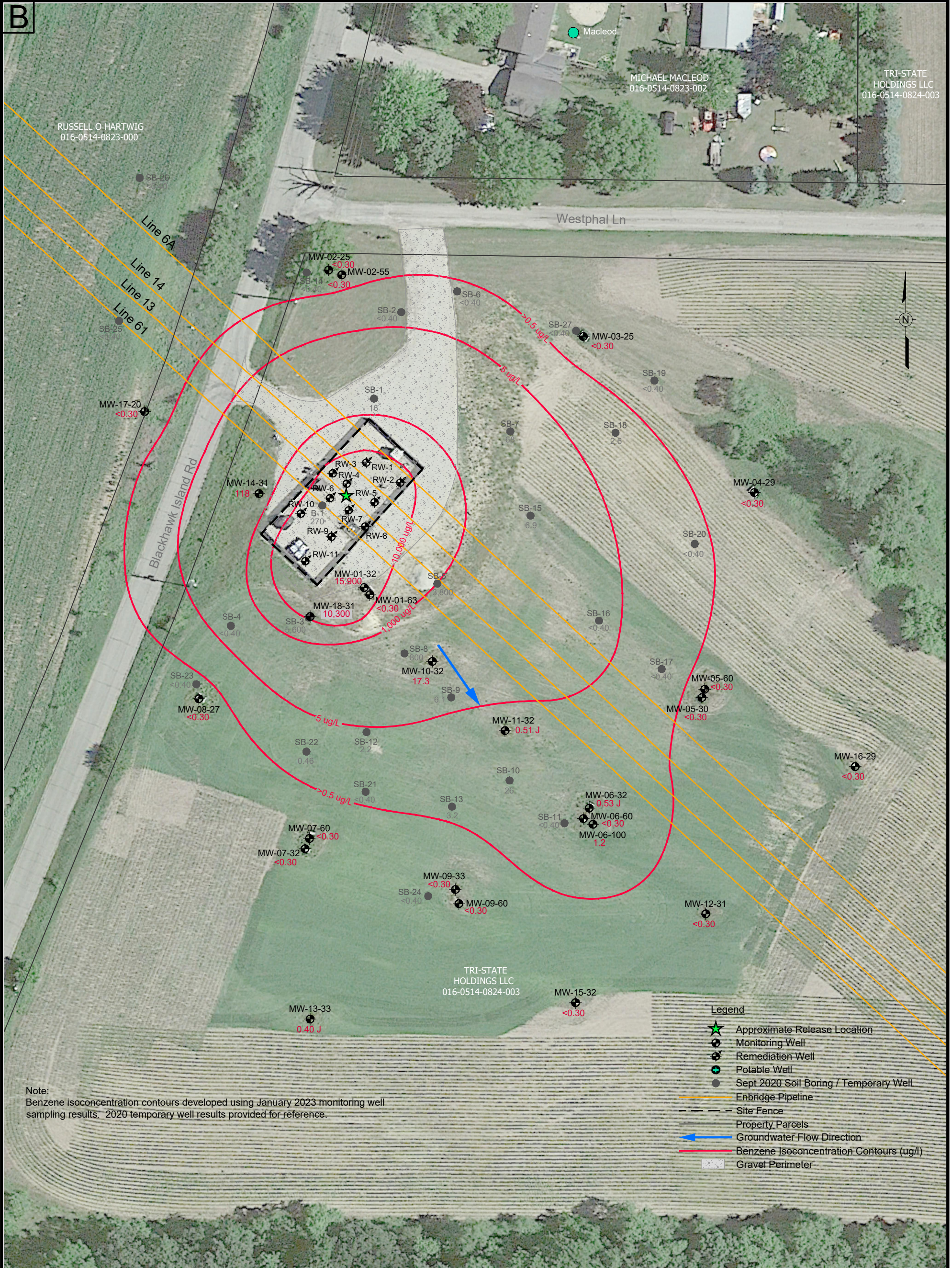
A handwritten signature in black ink that reads "Tim Huff". The signature is written in a cursive, slightly slanted style.

Timothy A. Huff
Assistant Vice President

TAH
\\corp.pbwan.net\us\centraldata\usmes100\es-shares\clients\enbridge\fort atkinson, wi - 113 mp312_work plans and reports\2023-02 mw sampling results to wdnr\2023.02.16_line13 mp312_monitoring well sampling results q1 2023.docx

Encl.

FIGURE



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

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FIGURE 1
GROUNDWATER SAMPLING ANALYTICAL RESULTS FOR BENZENE (JANUARY 2023)

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

Drawn By: *EGC*
Checked: *JK 2/7/2023*
Approved: *TAH*
DWG Name: 314V6019.705C-001

TABLES

Table 1

Monitoring Well Sampling Analytical Results - January 2023 - VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Volatile Organic Compounds

Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	1,2,4-Trimethylbenzene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	480	5	0.2
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	96	0.5	0.02
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	551	9.05	1.98
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	2,310	38.0	33.0
MW-01-32	01/18/23	15,900	138	5,140	445	558 J	<183	<149	<141	<56.1	<40.0	<21.8
	1/18/2023 - Duplicate	15,900	150	5,180	465	597	<146	139 J	<113	<44.9	<32.0	<17.4
MW-01-63	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-02-25	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-02-55	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-03-25	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-04-29	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-05-30	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-05-60	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-06-32	01/18/23	0.53 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	4.7	<0.17
MW-06-60	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	15.6	<0.17
MW-06-100	01/18/23	1.2	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-07-32	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-07-60	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-08-27	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-09-33	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17

Table 1

Monitoring Well Sampling Analytical Results - January 2023 - VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Volatile Organic Compounds

Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	1,2,4-Trimethylbenzene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	480	5	0.2
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	96	0.5	0.02
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	551	9.05	1.98
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	2,310	38.0	33.0
MW-09-60	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-10-32	01/18/23	17.3	0.68 J	<0.29	<1.05	39.6	9.5	20	3.7 J	<0.45	<0.32	<0.17
MW-11-32	01/18/23	0.51 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-12-31	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-13-33	01/18/23	0.40 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	0.43 J
MW-14-31	01/19/23	118	<0.33	<0.29	0.45 J	8.7	<1.5	7.6	<1.1	<0.45	<0.32	<0.17
	1/19/2023 - Duplicate	107	<0.33	<0.29	0.45 J	8.2	<1.5	7.1	<1.1	<0.45	<0.32	<0.17
MW-15-32	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-16-29	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-17-20	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
MW-18-31	01/19/23	10,300	146	1,650	506	553	<146	126 J	<113	<44.9	<32.0	<17.4
	01/19/23 - Duplicate	8,950	135	1,460	485	365	<73.1	75.9 J	<56.5	29.0 J	<16.0	<8.7
TB011923	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
EB011923A	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17
EB011923B	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.45	<0.32	<0.17

Table 1

**Monitoring Well Sampling Analytical Results - January 2023 - VOCs
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin**

Volatile Organic Compounds

Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert- butyl ether (µg/L)	1,2,4- Trimethylbenzene (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	480	5	0.2
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	96	0.5	0.02
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	551	9.05	1.98
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	2,310	38.0	33.0

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commercial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

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

In accordance with WDNR Publications RR0136 and RR800, VRSL calculated using EPA VISL Calculator with a Hazard Quotient of 1, Target Risk of 10⁻⁵, Attenuation Factor of 0.001, and a site-specific average groundwater temperature of 12.83°C.

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

NE = Not established.

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

ug/L = Micrograms per liter.

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-01-32	10/09/20	23,700	222	7,650	728	NA	NA	NA	<249	<51.0
	01/15/21	24,400	244	10,400	775	NA	NA	NA	<249	<51.0
	04/01/21	17,600	220	9,280	758	1,180	178 J	259	89.9 J	<12.8
	07/08/21	21,800	188	8,150	586	933	<73.1	175 J	<56.5	<16.0
	10/26/21	18,900	167 J	7,830	503	556 J	<292	<239	<226	<63.9
	01/25/22	20,700	207	8,690	637	1,600	1,480	424 J	<144	<40.0
	04/20/22	22,200	223	9,560	743	1,460	272 J	290 J	<226	<63.9
	07/27/22	15,300	<40.6	647	58.5 J	636	1,210	<149	<141	<40.0
	10/25/22	2,230	159	<36.0	<131	4,120	778	1,790	687	<40.0
	01/18/23	15,900	138	5,140	445	558 J	<183	<149	<141	<40.0
MW-01-63	09/08/21	0.50 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	0.41 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	1.6 J	<0.32
	01/25/22	0.80 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	1.1	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-02-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Methyl-tert-butyl								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-02-55	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-03-25	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	
MW-04-29	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-05-30	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/09/21	0.61 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	09/01/21	1.3	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	2.0	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	1.9	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	1.2	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	1.6	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	1.1	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	
MW-05-60	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	NA	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-06-32	10/08/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	1.0
	01/14/21	0.34 J	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	1.7
	04/01/21	3.4	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	0.95 J
	05/26/21	4.7	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.3
	06/24/21	6.3	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.3
	07/09/21	6.8	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.1
	08/31/21	7.5	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	0.53 J
	10/27/21	5.9	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.6
	01/24/22	4.7	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	1.9
	04/19/22	2.1	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	3.3
	07/26/22	0.86 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	2.7
	10/25/22	0.52 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	4
01/18/23	0.53 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	4.7	

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl	
									ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-06-60	08/31/21	<0.30	<0.33	0.33 J	<1.05	<1.3	<1.5	<1.2	<1.1	11.3
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	15.0
	01/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	12.5
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	16.9
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	19.7
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	17.4
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	15.6
MW-06-100	08/23/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	0.98 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	1.2	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-07-32	10/09/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	
MW-07-60	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	0.80 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Methyl-tert-butyl								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-08-27	10/09/20	<0.25	<0.32	<0.27	<0.73	NA	NA	NA	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	NA	NA	NA	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.3	<1.7	<0.87	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32	
MW-09-33	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-09-60	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-10-32	09/08/21	8.9	<0.33	<0.29	<1.05	4.6 J	<1.5	<1.2	6.3	<0.32
	10/27/21	15.3	<0.33	<0.29	<1.05	22.5	10.6	12.0	11.4	<0.32
	01/25/22	19.9	<0.33	<0.29	<1.05	38.1	72.0	16.6	10.2	<0.32
	04/20/22	43.3	<0.33	<0.29	<1.05	31.8	21.9	13.2	5.1	<0.32
	07/27/22	22.1	0.91 J	<0.29	<1.0	18.8	18.4	11.5	7.1	<0.32
	10/25/22	156	0.91 J	<0.29	<1.32	38.5	<1.5	19.9	<1.1	<0.32
	01/18/23	17.3	0.68 J	<0.29	<1.05	39.6	9.5	20	3.7 J	<0.32

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes, Total	Cyclohexane	n-Hexane	Methylcyclohexane	Methyl-tert-butyl	Trichloroethene
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	ether (µg/L)	(µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-11-32	09/08/21	2.2	<0.33	<0.29	<1.05	6.8	<1.5	2.0 J	<1.1	<0.32
	10/27/21	2.0	<0.33	<0.29	<1.05	3.9 J	<1.5	1.6 J	<1.1	0.47 J
	01/25/22	1.8	<0.33	<0.29	<1.05	4.2 J	17.2	2.0 J	<1.1	<0.32
	04/19/22	2.3	<0.33	<0.29	<1.05	6.5	<1.5	2.5 J	<1.1	<0.32
	07/26/22	2.1	<0.33	<0.29	<1.05	4.8 J	<1.5	1.7 J	<1.1	<0.32
	10/26/22	1.8	<0.33	<0.29	<1.05	2.2 J	<1.5	1.3 J	<1.1	<0.32
	01/18/23	0.51 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-12-31	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-13-33	09/08/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/27/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	0.40 J	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-14-31	09/07/21	273	0.77 J	3.4	2.09 J	189	2.1 J	30.2	<1.1	<0.32
	10/27/21	402	0.78 J	1.3	0.45 J	44.4	2.7 J	10.4	<1.1	<0.32
	01/25/22	169	<0.33	0.37 J	0.40 J	69.4	115	25.4	<1.1	<0.32
	04/18/22	169	<1.3	1.4 J	<4.2	70.3	8.4J	19.6 J	<4.5	<1.3
	07/26/22	84.5	0.34 J	<0.29	0.37 J	54.3	13	23.2	<1.1	<0.32
	10/25/22 (c)	157	0.36 J	<0.29	0.50 J	39.2	<1.5	20.7	<1.1	<0.32
	01/19/23	118	<0.33	<0.29	0.45 J	8.7	<1.5	7.6	<1.1	<0.32

Table 2

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

Volatile Organic Compounds

Well ID	Sample Date	Volatile Organic Compounds								
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Cyclohexane (µg/L)	n-Hexane (µg/L)	Methylcyclohexane (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	NE	600	NE	60	5
	Preventive Action Limit (a)	0.5	140	160	400	NE	120	NE	12	0.5
	Residential Vapor Risk Screening Level (b)	27.2	69.2	35,500	766	1,730	16.6	NE	7,270	5
	Commercial Vapor Risk Screening Level (b)	119	302	149,000	3,220	7,280	69.5	NE	31,800	5
MW-15-32	09/02/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/19/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-16-29	09/01/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/25/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/18/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/26/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/19/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-17-20	12/14/21	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/25/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	04/21/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	07/27/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	10/24/22	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
	01/18/23	<0.30	<0.33	<0.29	<1.05	<1.3	<1.5	<1.2	<1.1	<0.32
MW-18-31	08/23/22	13,400	133	1,410	211.2 J	445 J	<146	<119	<113	<32.0
	10/25/22	16,500	147	6,030	461	785	<146	188 J	<113	<32.0
	01/19/23	10,300	146	1,650	506	553	<146	126 J	<113	<32.0

Table 2

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

Volatile Organic Compounds

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

General Notes

Shaded = Regulatory exceedance of PAL or ES

Boxed = Regulatory exceedance of residential or commercial VRSL

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

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

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

Attenuation Factor of 0.001, and a site-specific average groundwater temperature of 12.83°C. VRSL for TCE is equal to the ES (5 ug/l).

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

NA = Not accessible.

NE = Not established.

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

ug/L = Micrograms per liter.

Table 3

**Monitoring Well Sampling Analytical Results - January 2023 - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin**

MNA Parameters												
Well ID	Sample Date	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Carbon dioxide (µg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Total Alkalinity, as CaCO ₃ (mg/L)	Nitrate/Nitrite, as Nitrogen (mg/L)	Sulfate (mg/L)
	Enforcement Standard (a)	NE	NE	NE	NE	300	300	50	50	NE	10	250
	Preventive Action Limit (a)	NE	NE	NE	NE	150	150	25	25	NE	2	125
<u>Upgradient Locations</u>												
MW-02-25	01/18/23	76	0.20 J	0.27 J	109,000	<56.7	<29.6	<1.5	<1.1	493	<0.059	3.7
MW-17-20	01/18/23	2.7 J	0.46 J	0.56 J	65,000	<56.7	<29.6	<1.5	<1.1	408	0.93	2.8
<u>Source Area Locations</u>												
MW-01-32	01/18/23	39	0.69 J	0.73 J	133,000	7,490	7,050	304	294	548	<0.059	0.81 J
	1/18/2023 - Duplicate	36	0.69 J	0.71 J	134,000	7,850	7,060	312	293	548	<0.059	0.70 J
MW-14-31	01/19/23	150	0.93 J	0.60 J	220,000	4,410	4,100	690	650	621	<0.059	6.7
	1/19/2023 - Duplicate	200	1.1	0.58 J	215,000	4,350	4,140	690	659	609	<0.059	6.5
<u>Downgradient Locations</u>												
MW-06-32	01/18/23	4.0 J	0.49 J	0.51 J	180,000	135	<29.6	30	22	576	3.3	22.8
MW-10-32	01/18/23	32	1.0	0.46 J	122,000	1,040	886	441	405	461	0.17 J	9.3

Table 3

Monitoring Well Sampling Analytical Results - January 2023 - MNA Parameters
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
<u>Upgradient Locations</u>										
MW-02-25	01/18/23	12	7.34	0.878	1.2	3.72	11.52	145	Clear	None
MW-17-20	01/18/23	18.0	7.29	0.742	1.6	9.96	10.59	88	Clear	None
<u>Source Area Locations</u>										
MW-01-32	01/18/23	3.5	6.87	1.140	54.7	2.06	11.09	-47	Clear	None
	1/18/2023 - Duplicate	--	--	--	--	--	--	--	--	--
MW-14-31	01/19/23	8.75	6.32	1.22	46.6	1.52	14.01	-40	Clear	None
	1/19/2023 - Duplicate	--	--	--	--	--	--	--	--	--
<u>Downgradient Locations</u>										
MW-06-32	01/18/23	10	6.62	1.18	55.1	3.02	12.95	251	Clear	None
MW-10-32	01/18/23	8	6.86	1.05	43.2	1.33	11.88	-8	Clear	None

General Notes

Shaded = Regulatory exceedance of PAL or ES

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

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

MNA = Monitored Natural Attenuation.

NE = Not established.

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

ug/L = Micrograms per liter.

Table 4

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

MNA Parameters												
Well ID	Sample Date	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)	Carbon dioxide (µg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Total Manganese (µg/L)	Dissolved Manganese (µg/L)	Total Alkalinity, as CaCO3 (mg/L)	Nitrate/Nitrite, as Nitrogen (mg/L)	Sulfate (mg/L)
	Enforcement Standard (a)	NE	NE	NE	NE	300	300	50	50	NE	10	250
	Preventive Action Limit (a)	NE	NE	NE	NE	150	150	25	25	NE	2	125
<u>Upgradient Locations</u>												
MW-02-25	04/19/22	120	0.18 J	<0.24	62,700	<56.7	<29.6	20	23.3	473	0.28	4.2 (b)
	07/25/22	30	0.17 J	0.40 J	58,100	<56.7	<29.6	14.6	1.2 J	488	0.26	4.1
	10/24/22	57	0.30 J	<0.24	339,000	<56.7	<29.6	1.9 J	1.7 J	492	0.26	3.3
	01/18/23	76	0.20 J	0.27 J	109,000	<56.7	<29.6	<1.5	<1.1	493	<0.059	3.7
MW-17-20	04/19/22	<2.0	0.37 J	<0.24	37,900	<56.7	<29.6	17.1	13.7	391	0.74	3.1 (b)
	07/27/22	<2.0	0.76 J	0.88 J	43,000	<56.7	<29.6	3.0 J	3.1 J	393	0.70	3.7
	10/24/22	<2.0	0.49 J	0.34 J	264,000	<56.7	<29.6	2.3 J	2.3 J	399	0.67	3
	01/18/23	2.7 J	0.46 J	0.56 J	65,000	<56.7	<29.6	<1.5	<1.1	408	0.93	2.8
<u>Source Area Locations</u>												
MW-01-32	04/20/22	210	1.2	0.29 J	67,300	6,830	6,130	122	112	538	<0.059	1.3 J (b)
	07/27/22	130	1.1	1.0	54,100	7,100	7,090	104	106	522	<0.059	<0.44
	10/25/22	220	1	0.57 J	94,100	7,550	7,500	210	203	528	<0.059	0.66 J
	01/18/23	39	0.69 J	0.73 J	133,000	7,490	7,050	304	294	548	<0.059	0.81 J
MW-14-31	04/18/22	120	1.7	<0.24	124,000	3,080	2,760	1,280	1,230	560	<0.059	0.79 J (b)
	07/26/22	160	1.4	0.53 J	123,000	4,350	3,940	859	848	569	<0.059	0.91 J
	10/25/22	210	0.97 J	<0.24	125,000	4,360	4,500	828	821	598	<0.059	2.8
	01/19/23	150	0.93 J	0.60 J	220,000	4,410	4,100	690	650	621	<0.059	6.7
<u>Downgradient Locations</u>												
MW-06-32	04/19/22	<2.0	0.20 J	<0.24	120,000	<56.7	<29.6	44.2	38.3	553	2.0	26.8 (b)
	07/26/22	3.1 J	0.66 J	0.66 J	107,000	<56.7	<29.6	37.2	35.4	562	1.6	24.4
	10/25/22	<2.0	0.41 J	0.38 J	91,200	<56.7	<29.6	28.8	23.6	560	1.2	21.2
	01/18/23	4.0 J	0.49 J	0.51 J	180,000	135	<29.6	30	22	576	3.3	22.8
MW-10-32	04/20/22	40	0.84 J	<0.24	87,500	1,340	1,230	595	565	442	<0.059	7.5 (b)
	07/27/22	54	1.7	0.99 J	114,000	1,680	1,530	534	536	453	0.12 J	8.7
	10/25/22	42	1	0.44 J	79,900	1,820	1,700	520	489	460	<0.059	7.4
	01/18/23	32	1.0	0.46 J	122,000	1,040	886	441	405	461	0.17 J	9.3

Table 4

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

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
	Enforcement Standard (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
	Preventive Action Limit (a)	NE	NE	NE	NE	NE	NE	NE	NE	NE
<u>Upgradient Locations</u>										
MW-02-25	04/19/22	13.5	7.21	0.858	1.1	5.82	9.92	174	Clear	None
	07/25/22	15	7.23	0.865	1.4	6.09	9.68	181	Clear	None
	10/24/22	6.75	6.98	0.848	0.0	2.11	15.43	156	Clear	None
	01/18/23	12	7.34	0.878	1.2	3.72	11.52	145	Clear	None
MW-17-20	04/19/22	16.125	7.40	0.779	4.2	7.40	10.98	179	Clear	None
	07/27/22	13.5	6.28	0.767	79.7	4.99	17.63	114	Clear	None
	10/24/22	8.5	7.06	0.714	1.4	3.29	17.35	173	Clear	None
	01/18/23	18.0	7.29	0.742	1.6	9.96	10.59	88	Clear	None
<u>Source Area Locations</u>										
MW-01-32	04/20/22	15	7.06	0.901	3.9	1.42	12.19	-110	Clear	Slight Odor
	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
	10/25/22	2.5	6.44	1.01	10.3	0.01	13.06	-107	Clear	None
	01/18/23	3.5	6.87	1.140	54.7	2.06	11.09	-47	Clear	None
MW-14-31	04/18/22	7.5	7.42	1.01	8.4	0.00	8.45	-91	Clear	None
	07/26/22	9	6.80	0.98	0.0	0.00	19.22	-98	Clear	None
	10/25/22	6	6.43	1.08	0.0	0.08	13.40	-113	Clear	None
	01/19/23	8.75	6.32	1.22	46.6	1.52	14.01	-40	Clear	None
<u>Downgradient Locations</u>										
MW-06-32	04/19/22	13.75	6.41	1.06	0.0	0.35	14.46	125	Clear	None
	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
	10/25/22	11.25	6.47	1.14	0.0	0.56	12.62	-34	Clear	None
	01/18/23	10	6.62	1.18	55.1	3.02	12.95	251	Clear	None
MW-10-32	04/20/22	15	6.99	0.909	2.5	0.00	11.25	-66	Clear	None
	07/27/22	12	6.89	0.989	0.0	5.59	15.20	-116	Clear	None
	10/25/22	9.6	6.60	0.936	0.0	0.00	12.75	-106	Clear	None
	01/18/23	8	6.86	1.05	43.2	1.33	11.88	-8	Clear	None

Table 4

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

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

General Notes

Shaded = Regulatory exceedance of PAL or ES

Bold = Enforcement Standard exceedance

Italics = Preventive Action Limit exceedance

Acronyms and Abbreviations

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

b/ Samples were analyzed outside of laboratory hold time for sulfate.

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

MNA = Monitored Natural Attenuation.

NE = Not established.

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

ug/L = Micrograms per liter.

Table 5

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

Field Parameters (Final Reading)										
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
MW-01-32	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/15/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	8.25	6.90	0.909	5.2	2.65	12.11	-88	Clear	Mild Odor
	07/08/21	4.2	7.81	0.810	0.0	0.00	16.75	35	Clear	None
	10/26/21	10	7.04	0.655	4.4	0.70	15.33	-59	Clear	Slight Odor
	01/25/22	8	6.59	0.800	0.0	0.00	11.88	-20	Clear	Slight Odor
	04/20/22	15	7.06	0.901	3.9	1.42	12.19	-110	Clear	Slight Odor
	07/27/22	16.5	6.23	0.977	36.7	0.49	20.75	-104	Clear	None
	10/25/22	2.5	6.44	1.01	10.3	0.01	13.06	-107	Clear	None
01/18/23	3.5	6.87	1.140	54.7	2.06	11.09	-47	Clear	None	
MW-01-63	09/08/21	15.6	7.27	0.666	10.8	0.00	16.24	-192	Clear	None
	10/27/21	16.5	7.26	0.662	6.0	0.00	15.06	-168	Clear	None
	01/25/22	14	7.16	0.829	0.0	1.88	11.75	-57	Clear	None
	04/19/22	NA	7.51	0.844	8.3	4.39	13.38	-71	Clear	Slight Odor
	07/27/22	9	6.96	1.08	0.0	0.34	15.34	-119	Clear	None
	10/25/22	8	6.90	0.964	4.2	0.83	12.98	-75	Clear	None
	01/19/23	15	6.72	1.18	0.0	8.90	12.89	-83	Clear	None
MW-02-25	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	8.85	7.29	0.840	7.3	7.78	4.49	131	Clear	None
	07/08/21	8.4	7.08	0.767	0.0	0.79	13.31	278	Clear	None
	10/25/21	7.75	7.29	0.515	0.0	0.58	15.06	205	Clear	None
	01/24/22	8	7.12	0.756	0.0	0.00	9.64	83	Clear	None
	04/19/22	13.5	7.21	0.858	1.1	5.82	9.92	174	Clear	None
	07/27/22	15	7.23	0.865	1.4	6.09	9.71	183	Clear	None
	10/24/22	6.75	6.98	0.848	0.0	2.11	15.43	156	Clear	None
01/18/23	12	7.34	0.878	1.2	3.72	11.52	145	Clear	None	
MW-02-55	09/08/21	15	7.11	0.934	230	1.35	14.80	-69	Cloudy	None
	10/27/21	24	7.08	1.24	3.1	5.42	13.05	22	Clear	None
	01/24/22	23.5	7.32	1.09	15.5	0.93	10.19	-60	Clear	None
	04/19/22	13	6.73	1.23	4.7	3.17	10.68	3	Clear	None
	07/25/22	21	8.08	1.21	8.4	5.05	14.13	-56	Clear	None
	10/25/22	16.5	6.76	1.14	2.1	4.06	11.09	0	Clear	None
	01/18/23	22	7.42	1.13	60.9	11.04	11.21	-42	Clear	None

Table 5

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

Well ID	Sample Date	Field Parameters (Final Reading)								
		Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
MW-03-25	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	5	7.20	0.952	3.1	0.00	8.00	146	Clear	None
	07/08/21	11.2	6.75	0.729	40.7	2.45	17.14	170	Clear	None
	10/25/21	11	7.18	0.561	0.0	3.00	13.81	244	Clear	None
	01/24/22	7	6.94	0.860	0.0	0.00	9.12	122	Clear	None
	04/18/22	9	7.21	0.974	1.3	0.46	7.81	202	Clear	None
	07/25/22	6	6.79	0.913	0.0	2.40	13.22	153	Clear	None
	10/24/22	7.5	6.79	0.937	0.0	1.11	15.59	147	Clear	None
	01/18/23	11	6.96	1.08	5.1	3.17	9.41	61	Clear	None
MW-04-29	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	5.25	6.92	0.878	6.1	6.55	8.58	164	Clear	None
	07/08/21	5.85	5.95	0.734	0.0	4.10	15.12	311	Clear	None
	10/26/21	9	7.10	0.604	13.3	4.69	13.05	177	Clear	None
	01/24/22	6	7.12	0.749	0.0	1.95	8.72	134	Clear	None
	04/18/22	10.5	7.38	0.802	5.5	3.02	8.53	201	Clear	None
	07/26/22	23	6.19	0.87	82.4	5.50	12.09	147	Clear	None
	10/24/22	6.25	6.87	0.773	0.6	2.93	17.39	174	Clear	None
	01/18/23	10.5	7.00	0.885	6.4	6.79	9.01	90	Clear	None
MW-05-30	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	6	6.77	1.13	10.1	3.47	8.26	160	Clear	None
	07/09/21	7.15	6.61	1.12	0.0	0.45	14.51	113	Clear	None
	09/01/21	13.2	6.70	0.932	2.1	0.85	15.11	140	Clear	None
	10/27/21	10	7.01	0.751	0.0	0.69	15.07	170	Clear	None
	01/25/22	7	6.76	0.986	0.0	0.00	8.99	178	Clear	None
	04/19/22	9	6.95	1.11	6.1	0.00	12.95	188	Clear	None
	07/26/22	7.5	7.24	3.02	0.0	1.49	21.08	61	Clear	None
	10/25/22	10.5	6.50	1.18	0.0	0.98	12.12	98	Clear	None
01/19/23	7.5	5.65	1.44	0.0	2.29	12.49	161	Clear	None	

Table 5

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

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
MW-05-60	09/01/21	27.6	7.52	0.611	14.1	0.00	15.45	-530	Clear	None
	10/27/21	11	7.51	0.718	22.9	5.98	13.84	1	Clear	None
	01/25/22	16.5	7.32	0.858	0.0	0.00	11.14	-112	Clear	None
	04/19/22	17	6.76	0.92	0.4	0.88	12.20	63	Clear	None
	07/26/22	30	7.59	2.380	3.4	0.42	17.74	2	Clear	None
	10/25/22	15	6.80	0.97	0.0	0.64	11.62	-15	Clear	None
	01/19/23	12	6.50	1.22	0.0	10.43	11.59	-69	Clear	None
MW-06-32	10/08/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	4.5	6.74	1.18	0.9	0.85	11.37	163	Clear	None
	05/26/21	6.25	6.73	0.991	6.1	0.00	21.41	127	Clear	None
	06/24/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/09/21	7.2	6.35	1.05	0.0	0.00	21.51	324	Clear	None
	08/31/21	13.2	6.66	0.824	3.3	0.00	22.41	149	Clear	None
	10/27/21	10	7.10	0.808	0.0	0.00	13.93	169	Clear	None
	01/24/22	11	6.40	0.939	0.0	0.00	11.09	56	Clear	None
	04/19/22	13.75	6.41	1.06	0.0	0.35	14.46	125	Clear	None
	07/26/22	8	7.48	2.83	0.0	8.52	16.47	23	Clear	None
	10/25/22	11.25	6.47	1.14	0.0	0.56	12.62	-34	Clear	None
	01/18/23	10	6.62	1.18	55.1	3.02	12.95	251	Clear	None
MW-06-60	08/31/21	18	7.32	0.626	9.5	0.14	15.47	-522	Clear	None
	10/27/21	22.5	7.35	0.680	31.0	0.00	14.07	-144	Clear	None
	01/24/22	8	7.24	0.930	0.0	0.00	9.77	-69	Clear	None
	04/19/22	12.5	6.66	1.030	5.9	0.00	12.75	-39	Clear	None
	07/26/22	7.5	7.70	2.61	0.0	0.95	17.96	-69	Clear	None
	10/25/22	9	6.65	0.93	4.1	0.00	12.18	-74	Clear	None
	01/19/23	13.5	6.47	1.26	0.0	11.02	10.63	-105	Clear	None
MW-06-100	08/23/22	6	7.42	1.01	26.4	0.00	17.63	-554	Clear	None
	10/25/22	3.75	7.20	1.11	0.7	1.09	10.88	-191	Clear	None
	01/18/23	9	7.15	1.38	0.0	9.64	11.93	-309	Clear	Slight Odor

Table 5

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

Field Parameters (Final Reading)										
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
MW-07-32	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	13	7.44	0.905	17.0	12.90	9.76	189	Clear	None
	07/08/21	6.75	6.90	1.03	42.2	5.58	12.89	163	Clear	None
	10/26/21	11.5	7.15	0.721	9.3	6.29	13.09	159	Clear	None
	01/26/22	12	6.99	1.02	4.1	10.49	6.97	125	Clear	None
	04/19/22	24	7.12	1.05	15.1	8.25	9.94	210	Clear	None
	07/25/22	34	8.03	1.14	8.4	9.29	11.43	90	Clear	None
	10/25/22	12	6.80	0.94	0	7.60	10.50	100	Clear	None
01/19/23	12	7.16	0.941	7.7	7.93	8.47	90	Clear	None	
MW-07-60	09/08/21	10.5	7.48	0.428	0.0	0.00	14.49	-329	Clear	None
	10/26/21	10	7.61	0.549	0.0	1.00	13.80	-51	Clear	None
	01/26/22	13.5	7.33	0.763	0.0	0.00	7.70	-49	Clear	None
	04/19/22	10.5	7.74	0.717	2.5	0.00	10.18	-105	Clear	None
	07/25/22	15	8.24	0.892	10.3	1.27	13.77	-63	Clear	None
	10/25/22	15	7.03	0.79	3.8	5.11	1.03	-70	Clear	None
	01/19/23	10	7.30	0.845	4.5	3.82	9.92	19	Clear	None
MW-08-27	10/09/20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/14/21	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/21	17	7.48	1.12	7.8	3.66	9.30	167	Clear	None
	07/08/21	6	6.82	1.10	0.0	1.10	12.19	263	Clear	None
	10/26/21	10	7.14	0.765	3.5	8.63	14.10	196	Clear	None
	01/25/22	8	6.84	0.985	0.0	1.69	10.03	54	Clear	None
	04/18/22	13.5	7.40	1.14	7.0	4.22	8.12	198	Clear	None
	07/26/22	15	5.73	0.00	501	0.95	16.28	145	Clear	None
	10/26/22	6	6.94	1.110	1	8.23	10.00	158	Clear	None
01/19/23	7.0	6.60	1.28	45.5	2.81	9.70	112	Clear	None	
MW-09-33	09/02/21	12	7.35	1.01	0.0	2.88	15.44	50	Clear	None
	10/27/21	10.5	7.14	0.746	0.2	0.00	12.61	236	Clear	None
	01/26/22	10	7.19	0.971	0.0	2.67	10.42	126	Clear	None
	04/19/22	10.5	7.39	0.938	0.0	4.53	10.84	87	Clear	None
	07/25/22	15	4.55	1.07	0.0	0.20	13.10	214	Clear	None
	10/25/22	11.5	6.50	1.11	0.0	3.91	11.49	182	Clear	None
	01/19/23	8	7.10	1.01	11.9	6.63	10.10	99	Clear	None

Table 5

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

Well ID	Sample Date	Field Parameters (Final Reading)								
		Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
MW-09-60	09/02/21	18	7.53	0.729	0.0	0.60	15.02	-232	Clear	None
	10/27/21	13.5	7.28	0.611	1.6	0.00	13.09	-39	Clear	None
	01/26/22	19.5	7.09	0.860	0.0	0.57	6.50	24	Clear	None
	04/19/22	13.5	7.63	0.790	3.0	3.03	10.88	27	Clear	None
	07/25/22	19.5	6.30	0.899	20.1	4.00	16.78	132	Clear	None
	10/25/22	22	6.73	0.900	7.1	3.19	11.11	-49	Clear	None
	01/18/23	9	7.11	0.97	8.9	9.20	9.01	92	Clear	None
MW-10-32	09/08/21	10.5	6.93	0.737	0.0	0.00	15.97	-73	Clear	None
	10/27/21	18	6.80	0.918	0.0	1.26	15.43	-43	Clear	None
	01/25/22	7	6.66	0.813	0.0	0.00	10.72	0	Clear	None
	04/20/22	15	6.99	0.909	2.5	0.00	11.25	-66	Clear	None
	07/27/22	12	6.98	0.989	0.0	5.54	15.20	-116	Clear	None
	10/25/22	9.6	6.60	0.936	0.0	0.00	12.75	-106	Clear	None
	01/18/23	8	6.86	1.05	43.2	1.33	11.88	-8	Clear	None
MW-11-32	09/08/21	12	7.09	0.735	0.0	0.00	15.87	-141	Clear	None
	10/27/21	13.5	6.89	1.05	0.0	0.22	14.99	-92	Clear	None
	01/25/22	10	6.69	0.966	0.0	0.00	11.05	-53	Clear	None
	04/19/22	15	7.07	1.01	17.9	1.08	15.28	-116	Clear	None
	07/26/22	16.5	6.41	1.04	148	0.00	18.48	-113	Clear	None
	10/26/22	10.5	6.00	1.21	0	0.00	10.60	-116	Clear	None
	01/18/23	10	6.73	1.15	63	2.21	12.32	-45	Clear	None
MW-12-31	09/01/21	10.8	7.17	0.890	2.5	0.80	16.52	107	Clear	None
	10/25/21	15	6.95	1.09	0.0	3.14	14.30	170	Clear	None
	01/25/22	8	7.23	1.03	0.0	0.00	9.12	136	Clear	None
	04/18/22	10.5	7.42	1.18	3.1	0.33	10.11	198	Clear	None
	07/26/22	5.5	6.66	1.1	129	7.68	18.87	155	Clear	None
	10/24/22	11.5	6.96	1.03	0	5.80	15.06	167	Clear	None
	01/19/23	8	6.57	1.29	44.4	3.82	11.95	133	Clear	None
MW-13-33	09/08/21	19.2	6.17	0.892	0.0	1.11	12.89	-206	Clear	None
	10/27/21	16.5	7.35	0.660	5.1	0.00	13.44	30	Clear	None
	01/25/22	7	7.05	0.829	0.0	2.88	8.51	68	Clear	None
	04/18/22	16.5	7.60	0.795	12.3	5.53	9.35	154	Clear	None
	07/26/22	6	6.07	1.00	0.0	6.03	11.25	181	Clear	None
	10/24/22	11.5	6.87	0.77	1.5	7.85	14.24	177	Clear	None
	01/18/23	11	7.26	0.961	3.1	7.30	10.57	189	Clear	None

Table 5

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

		Field Parameters (Final Reading)								
Well ID	Sample Date	Purge Volume (L)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Oxidation Reduction Potential (mV)	Appearance of Purge Water	Odor
MW-14-31	09/07/21	12	7.02	0.688	0.0	0.00	17.88	-193	Clear	None
	10/27/21	10	7.18	0.635	0.0	0.00	16.59	-45	Clear	None
	01/25/22	8	6.47	0.884	0.0	0.00	10.13	-6	Clear	None
	04/18/22	7.5	7.42	1.01	8.4	0.00	8.45	-91	Clear	None
	07/26/22	10.5	6.80	0.98	0.0	0.00	19.22	-98	Clear	None
	10/25/22 (c)	6	6.43	1.08	0.0	0.08	13.40	-113	Clear	None
	01/19/23	8.75	6.32	1.22	46.6	1.52	14.01	-40	Clear	None
MW-15-32	09/02/21	16.8	7.36	0.890	0.0	1.19	15.78	28	Clear	None
	10/25/21	13.5	7.21	0.623	5.3	0.00	12.35	149	Clear	None
	01/25/22	13.5	7.24	0.833	0.0	0.56	7.30	134	Clear	None
	04/19/22	9	7.44	0.883	0.0	3.09	11.30	90	Clear	None
	07/26/22	9	6.97	1.01	5.2	5.10	14.54	88	Clear	None
	10/24/22	11.5	6.87	0.879	0.8	5.34	12.75	163	Clear	None
	01/18/23	9	7.00	1.05	2.9	10.16	9.95	178	Clear	None
MW-16-29	09/01/21	10.8	7.20	0.776	0.0	0.80	13.24	40	Clear	None
	10/25/21	10.5	7.13	0.631	0.3	0.00	13.56	187	Clear	None
	01/25/22	9	7.20	0.861	0.0	1.90	10.65	123	Clear	None
	04/18/22	10.5	7.42	1.00	1.9	4.57	9.43	199	Clear	None
	07/26/22	4.5	6.53	1.08	0.0	5.99	16.26	156	Clear	None
	10/24/22	7	6.87	0.90	0.0	4.87	17.26	189	Clear	None
	01/19/23	6	6.61	1.28	46.3	4.61	10.80	153	Clear	None
MW-17-20	12/14/21	7.0	6.76	0.750	34.4	1.51	13.56	111	Clear	None
	01/25/22	6.75	7.00	0.664	0.0	1.39	9.76	19	Clear	None
	04/21/22	16.125	7.40	0.779	4.2	7.40	10.98	179	Clear	None
	07/27/22	13.5	6.28	0.767	79.7	4.99	17.63	114	Clear	None
	10/24/22	8.5	7.06	0.714	1.4	3.29	17.35	173	Clear	None
	01/18/23	18.0	7.29	0.742	1.6	9.96	10.59	88	Clear	None
MW-18-31	08/23/22	15.0	7.21	0.911	2.9	4.75	14.28	-294	Clear	None
	10/25/22	9	6.73	0.968	0.0	2.51	11.76	-128	Clear	None
	01/19/23	10.0	6.56	1.070	44.2	1.80	11.33	-87	Clear	None

Acronyms and Abbreviations

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

ENCLOSURE A – LABORATORY ANALYTICAL RESULTS

February 02, 2023

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

RE: Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on January 20, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Gulf Coast
- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Cal Johnson, WSP USA - MADISON
Joe Kiel, WSP USA - MADISON



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-21-8

Virginia VELAP Certification ID: 11873

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-21-00008

Federal Fish & Wildlife Permit #: 51774A

Pace Analytical Gulf Coast

7979 Innovation Park Drive, Baton Rouge, LA 70820

Arkansas Certification #: 88-0655

DoD ELAP Certification #: 6429-01

Florida Certification #: E87854

Illinois Certification #: 004585

Kansas Certification #: E-10354

Louisiana/LELAP Certification #: 01955

North Carolina Certification #: 618

North Dakota Certification #: R-195

Oklahoma Certification #: 2019-101

South Carolina Certification #: 73006001

Texas Certification #: T104704178-19-11

USDA Soil Permit # P330-19-00209

Virginia Certification #: 460215

Washington Certification #: C929

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40257341001	MW-13-33	Water	01/18/23 12:00	01/20/23 07:55
40257341002	MW-15-32	Water	01/18/23 13:45	01/20/23 07:55
40257341003	MW-09-60	Water	01/18/23 15:55	01/20/23 07:55
40257341004	MW-04-29	Water	01/18/23 14:30	01/20/23 07:55
40257341005	MW-03-25	Water	01/18/23 13:45	01/20/23 07:55
40257341006	MW-02-55	Water	01/18/23 12:50	01/20/23 07:55
40257341007	MW-11-32	Water	01/18/23 12:55	01/20/23 07:55
40257341008	MW-02-25	Water	01/18/23 11:00	01/20/23 07:55
40257341009	MW-17-20	Water	01/18/23 16:00	01/20/23 07:55
40257341010	MW-06-32	Water	01/18/23 11:35	01/20/23 07:55
40257341011	MW-10-32	Water	01/18/23 13:45	01/20/23 07:55
40257341012	MW-01-32	Water	01/18/23 15:15	01/20/23 07:55
40257341013	MW-101-32	Water	01/18/23 10:00	01/20/23 07:55
40257341014	MW-9-33	Water	01/19/23 13:35	01/20/23 07:55
40257341015	MW-7-32	Water	01/19/23 12:00	01/20/23 07:55
40257341016	MW-7-60	Water	01/19/23 10:15	01/20/23 07:55
40257341017	MW-06-100	Water	01/19/23 12:50	01/20/23 07:55
40257341018	MW-06-60	Water	01/19/23 11:50	01/20/23 07:55
40257341019	MW-05-60	Water	01/19/23 10:35	01/20/23 07:55
40257341020	MW-05-30	Water	01/19/23 09:25	01/20/23 07:55
40257341021	MW-12-31	Water	01/19/23 14:00	01/20/23 07:55
40257341022	MW-16-29	Water	01/19/23 14:50	01/20/23 07:55
40257341023	MW-18-31	Water	01/19/23 09:45	01/20/23 07:55
40257341024	MW-118-31	Water	01/19/23 08:00	01/20/23 07:55
40257341025	MW-14-31	Water	01/19/23 11:00	01/20/23 07:55
40257341026	MW-114-31	Water	01/19/23 12:00	01/20/23 07:55
40257341027	MW-08-27	Water	01/19/23 13:00	01/20/23 07:55
40257341028	MW-01-63	Water	01/19/23 14:45	01/20/23 07:55
40257341029	EB011923A	Water	01/19/23 13:55	01/20/23 07:55
40257341030	EB011923B	Water	01/19/23 15:15	01/20/23 07:55
40257341031	TB011923	Water	01/19/23 00:00	01/20/23 07:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory		
40257341001	MW-13-33	EPA 8260	EIB	68	PASI-G		
40257341002	MW-15-32	EPA 8260	EIB	68	PASI-G		
40257341003	MW-09-60	EPA 8260	EIB	68	PASI-G		
40257341004	MW-04-29	EPA 8260	EIB	68	PASI-G		
40257341005	MW-03-25	EPA 8260	EIB	68	PASI-G		
40257341006	MW-02-55	EPA 8260	EIB	68	PASI-G		
40257341007	MW-11-32	EPA 8260	EIB	68	PASI-G		
40257341008	MW-02-25	RSK-175	LMB	3	GCLA		
		RSK-175	BDP	1	GCLA		
		EPA 6010D	SIS	2	PASI-G		
		EPA 6010D	SIS	2	PASI-G		
		EPA 8260	EIB	68	PASI-G		
		EPA 300.0	HMB	1	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
		EPA 353.2	DAW	1	PASI-G		
		40257341009	MW-17-20	RSK-175	LMB	3	GCLA
				RSK-175	BDP	1	GCLA
EPA 6010D	SIS			2	PASI-G		
EPA 6010D	SIS			2	PASI-G		
EPA 8260	EIB			68	PASI-G		
EPA 300.0	HMB			1	PASI-G		
EPA 310.2	DAW			1	PASI-G		
EPA 353.2	DAW			1	PASI-G		
40257341010	MW-06-32			RSK-175	LMB	3	GCLA
				RSK-175	BDP	1	GCLA
		EPA 6010D	SIS	2	PASI-G		
		EPA 6010D	SIS	2	PASI-G		
		EPA 8260	EIB	68	PASI-G		
		EPA 300.0	HMB	1	PASI-G		
		EPA 310.2	DAW	1	PASI-G		
		EPA 353.2	DAW	1	PASI-G		
		40257341011	MW-10-32	RSK-175	LMB	3	GCLA
				RSK-175	BDP	1	GCLA
EPA 6010D	SIS			2	PASI-G		
EPA 6010D	SIS			2	PASI-G		
EPA 8260	EIB			68	PASI-G		
EPA 300.0	HMB			1	PASI-G		

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SAMPLE ANALYTE COUNT

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40257341012	MW-01-32	EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
40257341013	MW-101-32	EPA 353.2	DAW	1	PASI-G
		RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	EIB	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
		EPA 8260	EIB	68	PASI-G
40257341014	MW-9-33	EPA 8260	EIB	68	PASI-G
40257341015	MW-7-32	EPA 8260	EIB	68	PASI-G
40257341016	MW-7-60	EPA 8260	EIB	68	PASI-G
40257341017	MW-06-100	EPA 8260	EIB	68	PASI-G
40257341018	MW-06-60	EPA 8260	EIB	68	PASI-G
40257341019	MW-05-60	EPA 8260	EIB	68	PASI-G
40257341020	MW-05-30	EPA 8260	EIB	68	PASI-G
40257341021	MW-12-31	EPA 8260	CXJ	68	PASI-G
40257341022	MW-16-29	EPA 8260	CXJ	68	PASI-G
40257341023	MW-18-31	EPA 8260	CXJ	68	PASI-G
40257341024	MW-118-31	EPA 8260	CXJ	68	PASI-G
40257341025	MW-14-31	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40257341026	MW-114-31	RSK-175	LMB	3	GCLA
		RSK-175	BDP	1	GCLA
		EPA 6010D	SIS	2	PASI-G
		EPA 6010D	SIS	2	PASI-G
		EPA 8260	CXJ	68	PASI-G
		EPA 300.0	HMB	1	PASI-G
		EPA 310.2	DAW	1	PASI-G
		EPA 353.2	DAW	1	PASI-G
40257341027	MW-08-27	EPA 8260	CXJ	68	PASI-G
40257341028	MW-01-63	EPA 8260	CXJ	68	PASI-G
40257341029	EB011923A	EPA 8260	CXJ	68	PASI-G
40257341030	EB011923B	EPA 8260	CXJ	68	PASI-G
40257341031	TB011923	EPA 8260	CXJ	68	PASI-G

GCLA = Pace Analytical Gulf Coast

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-13-33 **Lab ID: 40257341001** Collected: 01/18/23 12:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 14:23	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 14:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 14:23	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 14:23	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 14:23	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 14:23	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 14:23	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 14:23	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 14:23	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 14:23	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 14:23	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 14:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 14:23	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 14:23	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 14:23	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 14:23	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:23	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 14:23	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 14:23	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 14:23	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 14:23	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 14:23	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 14:23	106-43-4	
Benzene	0.40J	ug/L	1.0	0.30	1		01/23/23 14:23	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 14:23	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 14:23	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 14:23	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 14:23	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 14:23	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 14:23	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 14:23	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 14:23	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 14:23	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 14:23	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 14:23	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 14:23	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 14:23	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 14:23	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 14:23	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 14:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 14:23	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 14:23	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 14:23	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 14:23	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-13-33 **Lab ID: 40257341001** Collected: 01/18/23 12:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 14:23	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:23	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 14:23	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 14:23	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 14:23	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 14:23	75-69-4	
Vinyl chloride	0.43J	ug/L	1.0	0.17	1		01/23/23 14:23	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 14:23	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:23	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 14:23	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 14:23	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 14:23	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 14:23	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 14:23	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 14:23	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 14:23	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 14:23	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 14:23	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 14:23	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 14:23	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		01/23/23 14:23	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 14:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		01/23/23 14:23	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-15-32 **Lab ID: 40257341002** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 14:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 14:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 14:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 14:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 14:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 14:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 14:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 14:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 14:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 14:44	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 14:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 14:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 14:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 14:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 14:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 14:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 14:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 14:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 14:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 14:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 14:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 14:44	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 14:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 14:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 14:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 14:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 14:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 14:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 14:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 14:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 14:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 14:44	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 14:44	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 14:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 14:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 14:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 14:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 14:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 14:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 14:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 14:44	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 14:44	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 14:44	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-15-32 **Lab ID: 40257341002** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 14:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 14:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 14:44	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 14:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 14:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 14:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 14:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 14:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 14:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 14:44	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 14:44	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 14:44	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 14:44	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 14:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 14:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 14:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 14:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 14:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 14:44	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		01/23/23 14:44	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		01/23/23 14:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/23/23 14:44	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-09-60 **Lab ID: 40257341003** Collected: 01/18/23 15:55 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 15:05	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 15:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 15:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 15:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 15:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 15:05	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 15:05	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 15:05	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 15:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 15:05	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 15:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 15:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 15:05	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 15:05	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 15:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 15:05	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:05	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 15:05	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 15:05	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 15:05	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 15:05	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 15:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 15:05	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 15:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 15:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 15:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 15:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 15:05	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 15:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 15:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 15:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 15:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 15:05	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 15:05	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 15:05	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 15:05	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 15:05	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 15:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 15:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 15:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 15:05	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 15:05	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 15:05	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 15:05	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-09-60 **Lab ID: 40257341003** Collected: 01/18/23 15:55 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 15:05	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 15:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 15:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 15:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 15:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 15:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 15:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:05	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 15:05	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 15:05	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 15:05	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 15:05	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 15:05	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 15:05	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 15:05	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 15:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 15:05	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 15:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 15:05	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		01/23/23 15:05	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		01/23/23 15:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/23/23 15:05	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-04-29 **Lab ID: 40257341004** Collected: 01/18/23 14:30 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 15:25	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 15:25	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 15:25	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 15:25	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 15:25	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 15:25	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 15:25	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 15:25	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 15:25	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 15:25	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 15:25	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 15:25	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 15:25	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 15:25	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 15:25	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 15:25	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:25	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 15:25	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 15:25	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 15:25	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 15:25	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 15:25	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 15:25	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 15:25	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 15:25	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 15:25	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 15:25	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 15:25	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 15:25	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 15:25	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 15:25	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 15:25	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 15:25	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 15:25	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 15:25	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 15:25	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 15:25	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 15:25	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 15:25	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 15:25	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 15:25	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 15:25	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 15:25	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 15:25	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-04-29 **Lab ID: 40257341004** Collected: 01/18/23 14:30 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 15:25	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:25	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 15:25	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 15:25	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 15:25	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 15:25	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 15:25	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 15:25	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 15:25	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 15:25	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 15:25	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 15:25	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 15:25	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 15:25	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 15:25	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 15:25	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 15:25	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 15:25	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 15:25	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 15:25	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		01/23/23 15:25	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 15:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/23/23 15:25	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-03-25 **Lab ID: 40257341005** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 16:05	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:05	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 16:05	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 16:05	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:05	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 16:05	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 16:05	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 16:05	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 16:05	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 16:05	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 16:05	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 16:05	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 16:05	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 16:05	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 16:05	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 16:05	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:05	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:05	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:05	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 16:05	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 16:05	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 16:05	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 16:05	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 16:05	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:05	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 16:05	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 16:05	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 16:05	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 16:05	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 16:05	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 16:05	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 16:05	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 16:05	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 16:05	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 16:05	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 16:05	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 16:05	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 16:05	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 16:05	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 16:05	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 16:05	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 16:05	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 16:05	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 16:05	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 16:05	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-03-25 **Lab ID: 40257341005** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 16:05	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:05	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 16:05	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 16:05	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 16:05	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 16:05	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 16:05	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 16:05	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:05	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 16:05	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 16:05	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 16:05	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 16:05	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:05	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:05	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 16:05	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 16:05	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 16:05	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 16:05	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 16:05	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		01/23/23 16:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 16:05	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/23/23 16:05	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-02-55 **Lab ID: 40257341006** Collected: 01/18/23 12:50 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 16:26	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 16:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 16:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 16:26	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 16:26	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 16:26	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 16:26	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 16:26	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 16:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 16:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 16:26	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 16:26	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 16:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 16:26	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:26	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:26	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:26	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 16:26	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 16:26	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 16:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 16:26	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 16:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 16:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 16:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 16:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 16:26	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 16:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 16:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 16:26	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 16:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 16:26	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 16:26	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 16:26	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 16:26	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 16:26	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 16:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 16:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 16:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 16:26	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 16:26	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 16:26	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 16:26	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-02-55 **Lab ID: 40257341006** Collected: 01/18/23 12:50 Received: 01/20/23 07:55 Matrix: Water

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

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-11-32 **Lab ID: 40257341007** Collected: 01/18/23 12:55 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 16:47	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 16:47	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 16:47	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:47	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 16:47	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 16:47	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 16:47	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 16:47	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 16:47	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 16:47	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 16:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 16:47	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 16:47	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 16:47	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 16:47	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:47	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:47	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 16:47	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 16:47	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 16:47	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 16:47	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 16:47	106-43-4	
Benzene	0.51J	ug/L	1.0	0.30	1		01/23/23 16:47	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 16:47	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 16:47	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 16:47	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 16:47	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 16:47	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 16:47	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 16:47	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 16:47	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 16:47	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 16:47	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 16:47	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 16:47	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 16:47	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 16:47	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 16:47	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 16:47	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 16:47	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 16:47	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 16:47	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 16:47	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-11-32 **Lab ID: 40257341007** Collected: 01/18/23 12:55 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 16:47	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:47	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 16:47	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 16:47	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 16:47	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 16:47	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 16:47	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 16:47	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 16:47	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 16:47	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 16:47	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 16:47	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 16:47	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:47	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 16:47	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 16:47	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 16:47	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 16:47	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 16:47	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 16:47	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		01/23/23 16:47	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		01/23/23 16:47	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 16:47	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-02-25 **Lab ID: 40257341008** Collected: 01/18/23 11:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	76	ug/L	5.0	2.0	1		01/25/23 08:37	74-82-8	
Ethane	0.20J	ug/L	1.0	0.17	1		01/25/23 08:37	74-84-0	
Ethene	0.27J	ug/L	1.0	0.24	1		01/25/23 08:37	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	109000	ug/L	1200	585	1		01/25/23 17:11	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<56.7	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:32	7439-89-6	
Manganese	<1.5	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:32	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		01/23/23 17:13	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		01/23/23 17:13	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 17:07	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:07	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 17:07	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 17:07	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:07	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 17:07	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 17:07	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 17:07	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 17:07	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 17:07	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 17:07	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 17:07	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 17:07	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 17:07	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 17:07	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 17:07	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:07	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:07	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:07	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 17:07	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 17:07	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 17:07	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 17:07	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 17:07	71-43-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-02-25 **Lab ID: 40257341008** Collected: 01/18/23 11:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:07	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 17:07	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 17:07	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 17:07	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 17:07	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 17:07	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 17:07	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 17:07	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 17:07	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 17:07	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 17:07	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 17:07	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 17:07	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 17:07	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 17:07	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 17:07	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 17:07	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 17:07	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 17:07	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 17:07	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 17:07	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 17:07	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:07	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 17:07	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 17:07	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 17:07	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 17:07	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 17:07	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 17:07	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:07	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 17:07	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 17:07	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 17:07	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 17:07	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:07	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:07	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 17:07	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 17:07	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 17:07	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 17:07	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 17:07	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		01/23/23 17:07	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		01/23/23 17:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/23/23 17:07	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-02-25 **Lab ID: 40257341008** Collected: 01/18/23 11:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	3.7	mg/L	2.0	0.44	1		01/24/23 16:41	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO ₃	493	mg/L	50.0	14.9	2		01/26/23 13:20		
353.2 Nitrogen, NO₂/NO₃ pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO ₂ plus NO ₃	<0.059	mg/L	0.25	0.059	1		01/30/23 12:13		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-17-20 **Lab ID: 40257341009** Collected: 01/18/23 16:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	2.7J	ug/L	5.0	2.0	1		01/25/23 08:53	74-82-8	
Ethane	0.46J	ug/L	1.0	0.17	1		01/25/23 08:53	74-84-0	
Ethene	0.56J	ug/L	1.0	0.24	1		01/25/23 08:53	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	65000	ug/L	1200	585	1		01/25/23 17:27	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	<56.7	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:38	7439-89-6	
Manganese	<1.5	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:38	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		01/23/23 17:19	7439-89-6	
Manganese, Dissolved	<1.1	ug/L	5.0	1.1	1		01/23/23 17:19	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 17:28	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:28	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 17:28	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 17:28	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:28	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 17:28	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 17:28	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 17:28	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 17:28	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 17:28	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 17:28	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 17:28	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 17:28	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 17:28	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 17:28	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 17:28	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:28	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:28	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:28	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 17:28	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 17:28	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 17:28	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 17:28	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 17:28	71-43-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-17-20 **Lab ID: 40257341009** Collected: 01/18/23 16:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:28	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 17:28	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 17:28	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 17:28	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 17:28	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 17:28	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 17:28	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 17:28	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 17:28	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 17:28	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 17:28	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 17:28	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 17:28	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 17:28	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 17:28	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 17:28	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 17:28	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 17:28	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 17:28	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 17:28	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 17:28	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 17:28	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:28	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 17:28	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 17:28	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 17:28	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 17:28	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 17:28	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 17:28	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:28	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 17:28	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 17:28	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 17:28	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 17:28	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:28	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:28	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 17:28	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 17:28	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 17:28	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 17:28	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 17:28	10061-02-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		01/23/23 17:28	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		01/23/23 17:28	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/23/23 17:28	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-17-20 **Lab ID: 40257341009** Collected: 01/18/23 16:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0									
Pace Analytical Services - Green Bay									
Sulfate	2.8	mg/L	2.0	0.44	1		01/24/23 17:41	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2									
Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	408	mg/L	25.0	7.4	1		01/26/23 13:21		
353.2 Nitrogen, NO₂/NO₃ pres.									
Analytical Method: EPA 353.2									
Pace Analytical Services - Green Bay									
Nitrogen, NO ₂ plus NO ₃	0.93	mg/L	0.25	0.059	1		01/30/23 12:14		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-06-32 **Lab ID: 40257341010** Collected: 01/18/23 11:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	4.0J	ug/L	5.0	2.0	1		01/25/23 09:09	74-82-8	
Ethane	0.49J	ug/L	1.0	0.17	1		01/25/23 09:09	74-84-0	
Ethene	0.51J	ug/L	1.0	0.24	1		01/25/23 09:09	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	180000	ug/L	1200	585	1		01/25/23 17:43	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	135	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:40	7439-89-6	
Manganese	30.0	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:40	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	<29.6	ug/L	100	29.6	1		01/23/23 17:21	7439-89-6	
Manganese, Dissolved	22.0	ug/L	5.0	1.1	1		01/23/23 17:21	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 17:49	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:49	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 17:49	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 17:49	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:49	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 17:49	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 17:49	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 17:49	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 17:49	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 17:49	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 17:49	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 17:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 17:49	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 17:49	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 17:49	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 17:49	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:49	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:49	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 17:49	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 17:49	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 17:49	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 17:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 17:49	106-43-4	
Benzene	0.53J	ug/L	1.0	0.30	1		01/23/23 17:49	71-43-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-06-32 **Lab ID: 40257341010** Collected: 01/18/23 11:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 17:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 17:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 17:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 17:49	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 17:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 17:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 17:49	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 17:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 17:49	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 17:49	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 17:49	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 17:49	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 17:49	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 17:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 17:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 17:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 17:49	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 17:49	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 17:49	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 17:49	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 17:49	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:49	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 17:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 17:49	108-88-3	
Trichloroethene	4.7	ug/L	1.0	0.32	1		01/23/23 17:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 17:49	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 17:49	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 17:49	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 17:49	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 17:49	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 17:49	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 17:49	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 17:49	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:49	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 17:49	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 17:49	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 17:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 17:49	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 17:49	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 17:49	10061-02-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		01/23/23 17:49	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		01/23/23 17:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/23/23 17:49	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-06-32 **Lab ID: 40257341010** Collected: 01/18/23 11:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	22.8	mg/L	2.0	0.44	1		01/24/23 17:56	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO ₃	576	mg/L	50.0	14.9	2		01/26/23 13:22		
353.2 Nitrogen, NO₂/NO₃ pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO ₂ plus NO ₃	3.3	mg/L	0.25	0.059	1		01/30/23 12:15		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-10-32 **Lab ID: 40257341011** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	32	ug/L	5.0	2.0	1		01/25/23 09:25	74-82-8	
Ethane	1.0	ug/L	1.0	0.17	1		01/25/23 09:25	74-84-0	
Ethene	0.46J	ug/L	1.0	0.24	1		01/25/23 09:25	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	122000	ug/L	1200	585	1		01/25/23 17:59	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	1040	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:42	7439-89-6	
Manganese	441	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:42	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	886	ug/L	100	29.6	1		01/23/23 17:23	7439-89-6	
Manganese, Dissolved	405	ug/L	5.0	1.1	1		01/23/23 17:23	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 18:09	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:09	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 18:09	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 18:09	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:09	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 18:09	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 18:09	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 18:09	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 18:09	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 18:09	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 18:09	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 18:09	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 18:09	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 18:09	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 18:09	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 18:09	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:09	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:09	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:09	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 18:09	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 18:09	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 18:09	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 18:09	106-43-4	
Benzene	17.3	ug/L	1.0	0.30	1		01/23/23 18:09	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-10-32 **Lab ID: 40257341011** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:09	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 18:09	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 18:09	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 18:09	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 18:09	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 18:09	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 18:09	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 18:09	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 18:09	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 18:09	74-87-3	
Cyclohexane	39.6	ug/L	5.0	1.3	1		01/23/23 18:09	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 18:09	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 18:09	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 18:09	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 18:09	108-20-3	
Ethylbenzene	0.68J	ug/L	1.0	0.33	1		01/23/23 18:09	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 18:09	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 18:09	98-82-8	
Methyl-tert-butyl ether	3.7J	ug/L	5.0	1.1	1		01/23/23 18:09	1634-04-4	
Methylcyclohexane	20.0	ug/L	5.0	1.2	1		01/23/23 18:09	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 18:09	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 18:09	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:09	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 18:09	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 18:09	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 18:09	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 18:09	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 18:09	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 18:09	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:09	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 18:09	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 18:09	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 18:09	142-82-5	
n-Hexane	9.5	ug/L	5.0	1.5	1		01/23/23 18:09	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:09	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:09	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 18:09	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 18:09	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 18:09	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 18:09	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 18:09	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		01/23/23 18:09	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 18:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 18:09	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-10-32 **Lab ID: 40257341011** Collected: 01/18/23 13:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	9.3	mg/L	2.0	0.44	1		01/24/23 18:10	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO ₃	461	mg/L	50.0	14.9	2		01/26/23 13:23		
353.2 Nitrogen, NO₂/NO₃ pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO ₂ plus NO ₃	0.17J	mg/L	0.25	0.059	1		01/30/23 12:17		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-01-32 **Lab ID: 40257341012** Collected: 01/18/23 15:15 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	39	ug/L	5.0	2.0	1		01/25/23 09:40	74-82-8	
Ethane	0.69J	ug/L	1.0	0.17	1		01/25/23 09:40	74-84-0	
Ethene	0.73J	ug/L	1.0	0.24	1		01/25/23 09:40	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	133000	ug/L	1200	585	1		01/25/23 18:15	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	7490	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:44	7439-89-6	
Manganese	304	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:44	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	7050	ug/L	100	29.6	1		01/23/23 17:25	7439-89-6	
Manganese, Dissolved	294	ug/L	5.0	1.1	1		01/23/23 17:25	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<44.4	ug/L	125	44.4	125		01/24/23 10:11	630-20-6	
1,1,1-Trichloroethane	<37.8	ug/L	125	37.8	125		01/24/23 10:11	71-55-6	
1,1,2,2-Tetrachloroethane	<47.2	ug/L	125	47.2	125		01/24/23 10:11	79-34-5	
1,1,2-Trichloroethane	<43.1	ug/L	625	43.1	125		01/24/23 10:11	79-00-5	
1,1-Dichloroethane	<37.0	ug/L	125	37.0	125		01/24/23 10:11	75-34-3	
1,1-Dichloroethene	<72.8	ug/L	125	72.8	125		01/24/23 10:11	75-35-4	
1,1-Dichloropropene	<51.3	ug/L	125	51.3	125		01/24/23 10:11	563-58-6	
1,2,3-Trichlorobenzene	<127	ug/L	625	127	125		01/24/23 10:11	87-61-6	
1,2,3-Trichloropropane	<69.4	ug/L	625	69.4	125		01/24/23 10:11	96-18-4	
1,2,4-Trichlorobenzene	<119	ug/L	625	119	125		01/24/23 10:11	120-82-1	
1,2,4-Trimethylbenzene	<56.1	ug/L	125	56.1	125		01/24/23 10:11	95-63-6	
1,2-Dibromo-3-chloropropane	<296	ug/L	625	296	125		01/24/23 10:11	96-12-8	
1,2-Dibromoethane (EDB)	<38.6	ug/L	125	38.6	125		01/24/23 10:11	106-93-4	
1,2-Dichlorobenzene	<40.7	ug/L	125	40.7	125		01/24/23 10:11	95-50-1	
1,2-Dichloroethane	<36.4	ug/L	125	36.4	125		01/24/23 10:11	107-06-2	
1,2-Dichloropropane	<56.0	ug/L	125	56.0	125		01/24/23 10:11	78-87-5	
1,3,5-Trimethylbenzene	<44.7	ug/L	125	44.7	125		01/24/23 10:11	108-67-8	
1,3-Dichlorobenzene	<43.9	ug/L	125	43.9	125		01/24/23 10:11	541-73-1	
1,3-Dichloropropane	<38.1	ug/L	125	38.1	125		01/24/23 10:11	142-28-9	
1,4-Dichlorobenzene	<112	ug/L	125	112	125		01/24/23 10:11	106-46-7	
2,2-Dichloropropane	<522	ug/L	625	522	125		01/24/23 10:11	594-20-7	
2-Chlorotoluene	<111	ug/L	625	111	125		01/24/23 10:11	95-49-8	
4-Chlorotoluene	<112	ug/L	625	112	125		01/24/23 10:11	106-43-4	
Benzene	15900	ug/L	125	36.9	125		01/24/23 10:11	71-43-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-01-32 **Lab ID: 40257341012** Collected: 01/18/23 15:15 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<45.1	ug/L	125	45.1	125		01/24/23 10:11	108-86-1	
Bromochloromethane	<44.7	ug/L	625	44.7	125		01/24/23 10:11	74-97-5	
Bromodichloromethane	<51.9	ug/L	125	51.9	125		01/24/23 10:11	75-27-4	
Bromoform	<475	ug/L	625	475	125		01/24/23 10:11	75-25-2	
Bromomethane	<149	ug/L	625	149	125		01/24/23 10:11	74-83-9	
Carbon tetrachloride	<46.2	ug/L	125	46.2	125		01/24/23 10:11	56-23-5	
Chlorobenzene	<107	ug/L	125	107	125		01/24/23 10:11	108-90-7	
Chloroethane	<172	ug/L	625	172	125		01/24/23 10:11	75-00-3	
Chloroform	<148	ug/L	625	148	125		01/24/23 10:11	67-66-3	
Chloromethane	<204	ug/L	625	204	125		01/24/23 10:11	74-87-3	
Cyclohexane	558J	ug/L	625	161	125		01/24/23 10:11	110-82-7	
Dibromochloromethane	<330	ug/L	625	330	125		01/24/23 10:11	124-48-1	
Dibromomethane	<124	ug/L	625	124	125		01/24/23 10:11	74-95-3	
Dichlorodifluoromethane	<56.9	ug/L	625	56.9	125		01/24/23 10:11	75-71-8	
Diisopropyl ether	<138	ug/L	625	138	125		01/24/23 10:11	108-20-3	
Ethylbenzene	138	ug/L	125	40.6	125		01/24/23 10:11	100-41-4	
Hexachloro-1,3-butadiene	<342	ug/L	625	342	125		01/24/23 10:11	87-68-3	
Isopropylbenzene (Cumene)	<125	ug/L	625	125	125		01/24/23 10:11	98-82-8	
Methyl-tert-butyl ether	<141	ug/L	625	141	125		01/24/23 10:11	1634-04-4	
Methylcyclohexane	<149	ug/L	625	149	125		01/24/23 10:11	108-87-2	
Methylene Chloride	<39.9	ug/L	625	39.9	125		01/24/23 10:11	75-09-2	
Naphthalene	<141	ug/L	625	141	125		01/24/23 10:11	91-20-3	
Styrene	<44.5	ug/L	125	44.5	125		01/24/23 10:11	100-42-5	
Tetrachloroethene	<51.1	ug/L	125	51.1	125		01/24/23 10:11	127-18-4	
Toluene	5140	ug/L	125	36.0	125		01/24/23 10:11	108-88-3	
Trichloroethene	<40.0	ug/L	125	40.0	125		01/24/23 10:11	79-01-6	
Trichlorofluoromethane	<52.3	ug/L	125	52.3	125		01/24/23 10:11	75-69-4	
Vinyl chloride	<21.8	ug/L	125	21.8	125		01/24/23 10:11	75-01-4	
cis-1,2-Dichloroethene	<58.9	ug/L	125	58.9	125		01/24/23 10:11	156-59-2	
cis-1,3-Dichloropropene	<44.8	ug/L	125	44.8	125		01/24/23 10:11	10061-01-5	
m&p-Xylene	228J	ug/L	250	87.5	125		01/24/23 10:11	179601-23-1	
n-Butylbenzene	<107	ug/L	125	107	125		01/24/23 10:11	104-51-8	
n-Heptane	<204	ug/L	625	204	125		01/24/23 10:11	142-82-5	
n-Hexane	<183	ug/L	625	183	125		01/24/23 10:11	110-54-3	
n-Propylbenzene	<43.2	ug/L	125	43.2	125		01/24/23 10:11	103-65-1	
o-Xylene	217	ug/L	125	43.5	125		01/24/23 10:11	95-47-6	
p-Isopropyltoluene	<130	ug/L	625	130	125		01/24/23 10:11	99-87-6	
sec-Butylbenzene	<53.0	ug/L	125	53.0	125		01/24/23 10:11	135-98-8	
tert-Butylbenzene	<73.3	ug/L	125	73.3	125		01/24/23 10:11	98-06-6	
trans-1,2-Dichloroethene	<66.0	ug/L	125	66.0	125		01/24/23 10:11	156-60-5	
trans-1,3-Dichloropropene	<433	ug/L	625	433	125		01/24/23 10:11	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		125		01/24/23 10:11	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		125		01/24/23 10:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		125		01/24/23 10:11	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-01-32 **Lab ID: 40257341012** Collected: 01/18/23 15:15 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	0.81J	mg/L	2.0	0.44	1		01/24/23 18:25	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO ₃	548	mg/L	50.0	14.9	2		01/26/23 13:27		
353.2 Nitrogen, NO₂/NO₃ pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO ₂ plus NO ₃	<0.059	mg/L	0.25	0.059	1		01/30/23 12:18		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-101-32 **Lab ID: 40257341013** Collected: 01/18/23 10:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	36	ug/L	5.0	2.0	1		01/25/23 09:56	74-82-8	
Ethane	0.69J	ug/L	1.0	0.17	1		01/25/23 09:56	74-84-0	
Ethene	0.71J	ug/L	1.0	0.24	1		01/25/23 09:56	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	134000	ug/L	1200	585	1		01/25/23 18:31	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	7850	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:46	7439-89-6	
Manganese	312	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:46	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	7060	ug/L	100	29.6	1		01/23/23 17:27	7439-89-6	
Manganese, Dissolved	293	ug/L	5.0	1.1	1		01/23/23 17:27	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<35.5	ug/L	100	35.5	100		01/24/23 10:32	630-20-6	
1,1,1-Trichloroethane	<30.3	ug/L	100	30.3	100		01/24/23 10:32	71-55-6	
1,1,2,2-Tetrachloroethane	<37.8	ug/L	100	37.8	100		01/24/23 10:32	79-34-5	
1,1,2-Trichloroethane	<34.4	ug/L	500	34.4	100		01/24/23 10:32	79-00-5	
1,1-Dichloroethane	<29.6	ug/L	100	29.6	100		01/24/23 10:32	75-34-3	
1,1-Dichloroethene	<58.2	ug/L	100	58.2	100		01/24/23 10:32	75-35-4	
1,1-Dichloropropene	<41.0	ug/L	100	41.0	100		01/24/23 10:32	563-58-6	
1,2,3-Trichlorobenzene	<102	ug/L	500	102	100		01/24/23 10:32	87-61-6	
1,2,3-Trichloropropane	<55.5	ug/L	500	55.5	100		01/24/23 10:32	96-18-4	
1,2,4-Trichlorobenzene	<95.1	ug/L	500	95.1	100		01/24/23 10:32	120-82-1	
1,2,4-Trimethylbenzene	<44.9	ug/L	100	44.9	100		01/24/23 10:32	95-63-6	
1,2-Dibromo-3-chloropropane	<237	ug/L	500	237	100		01/24/23 10:32	96-12-8	
1,2-Dibromoethane (EDB)	<30.9	ug/L	100	30.9	100		01/24/23 10:32	106-93-4	
1,2-Dichlorobenzene	<32.6	ug/L	100	32.6	100		01/24/23 10:32	95-50-1	
1,2-Dichloroethane	<29.2	ug/L	100	29.2	100		01/24/23 10:32	107-06-2	
1,2-Dichloropropane	<44.8	ug/L	100	44.8	100		01/24/23 10:32	78-87-5	
1,3,5-Trimethylbenzene	<35.7	ug/L	100	35.7	100		01/24/23 10:32	108-67-8	
1,3-Dichlorobenzene	<35.1	ug/L	100	35.1	100		01/24/23 10:32	541-73-1	
1,3-Dichloropropane	<30.5	ug/L	100	30.5	100		01/24/23 10:32	142-28-9	
1,4-Dichlorobenzene	<89.2	ug/L	100	89.2	100		01/24/23 10:32	106-46-7	
2,2-Dichloropropane	<418	ug/L	500	418	100		01/24/23 10:32	594-20-7	
2-Chlorotoluene	<89.0	ug/L	500	89.0	100		01/24/23 10:32	95-49-8	
4-Chlorotoluene	<89.4	ug/L	500	89.4	100		01/24/23 10:32	106-43-4	
Benzene	15900	ug/L	100	29.5	100		01/24/23 10:32	71-43-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-101-32 **Lab ID: 40257341013** Collected: 01/18/23 10:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<36.1	ug/L	100	36.1	100		01/24/23 10:32	108-86-1	
Bromochloromethane	<35.8	ug/L	500	35.8	100		01/24/23 10:32	74-97-5	
Bromodichloromethane	<41.5	ug/L	100	41.5	100		01/24/23 10:32	75-27-4	
Bromoform	<380	ug/L	500	380	100		01/24/23 10:32	75-25-2	
Bromomethane	<119	ug/L	500	119	100		01/24/23 10:32	74-83-9	
Carbon tetrachloride	<36.9	ug/L	100	36.9	100		01/24/23 10:32	56-23-5	
Chlorobenzene	<85.5	ug/L	100	85.5	100		01/24/23 10:32	108-90-7	
Chloroethane	<138	ug/L	500	138	100		01/24/23 10:32	75-00-3	
Chloroform	<118	ug/L	500	118	100		01/24/23 10:32	67-66-3	
Chloromethane	<164	ug/L	500	164	100		01/24/23 10:32	74-87-3	
Cyclohexane	597	ug/L	500	129	100		01/24/23 10:32	110-82-7	
Dibromochloromethane	<264	ug/L	500	264	100		01/24/23 10:32	124-48-1	
Dibromomethane	<99.1	ug/L	500	99.1	100		01/24/23 10:32	74-95-3	
Dichlorodifluoromethane	<45.5	ug/L	500	45.5	100		01/24/23 10:32	75-71-8	
Diisopropyl ether	<110	ug/L	500	110	100		01/24/23 10:32	108-20-3	
Ethylbenzene	150	ug/L	100	32.5	100		01/24/23 10:32	100-41-4	
Hexachloro-1,3-butadiene	<274	ug/L	500	274	100		01/24/23 10:32	87-68-3	
Isopropylbenzene (Cumene)	<100	ug/L	500	100	100		01/24/23 10:32	98-82-8	
Methyl-tert-butyl ether	<113	ug/L	500	113	100		01/24/23 10:32	1634-04-4	
Methylcyclohexane	139J	ug/L	500	119	100		01/24/23 10:32	108-87-2	
Methylene Chloride	<31.9	ug/L	500	31.9	100		01/24/23 10:32	75-09-2	
Naphthalene	<113	ug/L	500	113	100		01/24/23 10:32	91-20-3	
Styrene	<35.6	ug/L	100	35.6	100		01/24/23 10:32	100-42-5	
Tetrachloroethene	<40.9	ug/L	100	40.9	100		01/24/23 10:32	127-18-4	
Toluene	5180	ug/L	100	28.8	100		01/24/23 10:32	108-88-3	
Trichloroethene	<32.0	ug/L	100	32.0	100		01/24/23 10:32	79-01-6	
Trichlorofluoromethane	<41.9	ug/L	100	41.9	100		01/24/23 10:32	75-69-4	
Vinyl chloride	<17.4	ug/L	100	17.4	100		01/24/23 10:32	75-01-4	
cis-1,2-Dichloroethene	<47.2	ug/L	100	47.2	100		01/24/23 10:32	156-59-2	
cis-1,3-Dichloropropene	<35.8	ug/L	100	35.8	100		01/24/23 10:32	10061-01-5	
m&p-Xylene	235	ug/L	200	70.0	100		01/24/23 10:32	179601-23-1	
n-Butylbenzene	<85.7	ug/L	100	85.7	100		01/24/23 10:32	104-51-8	
n-Heptane	<163	ug/L	500	163	100		01/24/23 10:32	142-82-5	
n-Hexane	<146	ug/L	500	146	100		01/24/23 10:32	110-54-3	
n-Propylbenzene	<34.5	ug/L	100	34.5	100		01/24/23 10:32	103-65-1	
o-Xylene	230	ug/L	100	34.8	100		01/24/23 10:32	95-47-6	
p-Isopropyltoluene	<104	ug/L	500	104	100		01/24/23 10:32	99-87-6	
sec-Butylbenzene	<42.4	ug/L	100	42.4	100		01/24/23 10:32	135-98-8	
tert-Butylbenzene	<58.6	ug/L	100	58.6	100		01/24/23 10:32	98-06-6	
trans-1,2-Dichloroethene	<52.8	ug/L	100	52.8	100		01/24/23 10:32	156-60-5	
trans-1,3-Dichloropropene	<346	ug/L	500	346	100		01/24/23 10:32	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		100		01/24/23 10:32	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		100		01/24/23 10:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		100		01/24/23 10:32	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-101-32 **Lab ID: 40257341013** Collected: 01/18/23 10:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	0.70J	mg/L	2.0	0.44	1		01/24/23 18:40	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO ₃	548	mg/L	50.0	14.9	2		01/26/23 13:28		
353.2 Nitrogen, NO₂/NO₃ pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO ₂ plus NO ₃	<0.059	mg/L	0.25	0.059	1		01/30/23 12:19		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-9-33 **Lab ID: 40257341014** Collected: 01/19/23 13:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 18:30	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:30	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 18:30	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 18:30	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:30	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 18:30	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 18:30	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 18:30	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 18:30	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 18:30	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 18:30	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 18:30	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 18:30	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 18:30	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 18:30	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 18:30	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:30	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:30	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:30	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 18:30	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 18:30	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 18:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 18:30	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 18:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 18:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 18:30	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 18:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 18:30	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 18:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 18:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 18:30	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 18:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 18:30	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 18:30	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 18:30	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 18:30	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 18:30	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 18:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 18:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 18:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 18:30	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 18:30	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 18:30	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 18:30	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-9-33 **Lab ID: 40257341014** Collected: 01/19/23 13:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 18:30	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:30	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 18:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 18:30	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 18:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 18:30	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 18:30	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 18:30	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:30	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 18:30	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 18:30	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 18:30	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 18:30	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:30	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:30	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 18:30	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 18:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 18:30	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 18:30	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 18:30	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		01/23/23 18:30	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		01/23/23 18:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 18:30	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-7-32 **Lab ID: 40257341015** Collected: 01/19/23 12:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 18:51	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:51	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 18:51	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 18:51	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:51	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 18:51	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 18:51	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 18:51	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 18:51	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 18:51	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 18:51	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 18:51	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 18:51	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 18:51	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 18:51	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 18:51	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:51	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 18:51	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 18:51	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 18:51	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 18:51	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 18:51	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 18:51	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 18:51	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 18:51	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 18:51	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 18:51	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 18:51	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 18:51	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 18:51	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 18:51	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 18:51	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 18:51	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 18:51	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 18:51	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 18:51	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 18:51	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 18:51	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 18:51	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 18:51	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 18:51	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 18:51	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 18:51	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 18:51	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 18:51	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-7-32 **Lab ID: 40257341015** Collected: 01/19/23 12:00 Received: 01/20/23 07:55 Matrix: Water

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

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-7-60 **Lab ID: 40257341016** Collected: 01/19/23 10:15 Received: 01/20/23 07:55 Matrix: Water

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

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-7-60 **Lab ID: 40257341016** Collected: 01/19/23 10:15 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 19:12	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:12	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 19:12	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 19:12	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 19:12	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 19:12	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 19:12	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 19:12	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:12	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 19:12	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 19:12	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 19:12	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 19:12	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:12	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:12	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 19:12	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 19:12	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 19:12	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 19:12	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 19:12	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		01/23/23 19:12	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 19:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 19:12	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-06-100 **Lab ID: 40257341017** Collected: 01/19/23 12:50 Received: 01/20/23 07:55 Matrix: Water

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

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-06-100 **Lab ID: 40257341017** Collected: 01/19/23 12:50 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 13:56	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 13:56	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 13:56	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 13:56	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 13:56	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 13:56	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 13:56	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 13:56	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 13:56	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 13:56	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 13:56	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 13:56	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 13:56	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 13:56	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 13:56	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 13:56	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 13:56	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 13:56	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 13:56	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 13:56	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		01/23/23 13:56	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1		01/23/23 13:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/23/23 13:56	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-06-60 **Lab ID: 40257341018** Collected: 01/19/23 11:50 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 19:32	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 19:32	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 19:32	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 19:32	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 19:32	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 19:32	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 19:32	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 19:32	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 19:32	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 19:32	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 19:32	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 19:32	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 19:32	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 19:32	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 19:32	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 19:32	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:32	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:32	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 19:32	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 19:32	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 19:32	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 19:32	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 19:32	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 19:32	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:32	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 19:32	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 19:32	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 19:32	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 19:32	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 19:32	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 19:32	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 19:32	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 19:32	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 19:32	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 19:32	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 19:32	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 19:32	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 19:32	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 19:32	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 19:32	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 19:32	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 19:32	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 19:32	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 19:32	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 19:32	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-06-60 **Lab ID: 40257341018** Collected: 01/19/23 11:50 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 19:32	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:32	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 19:32	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 19:32	108-88-3	
Trichloroethene	15.6	ug/L	1.0	0.32	1		01/23/23 19:32	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 19:32	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 19:32	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 19:32	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:32	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 19:32	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 19:32	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 19:32	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 19:32	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:32	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:32	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 19:32	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 19:32	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 19:32	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 19:32	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 19:32	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		01/23/23 19:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 19:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/23/23 19:32	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-05-60 **Lab ID: 40257341019** Collected: 01/19/23 10:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/23/23 19:53	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 19:53	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/23/23 19:53	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/23/23 19:53	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/23/23 19:53	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/23/23 19:53	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/23/23 19:53	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/23/23 19:53	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/23/23 19:53	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/23/23 19:53	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/23/23 19:53	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/23/23 19:53	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/23/23 19:53	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 19:53	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/23/23 19:53	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/23/23 19:53	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:53	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:53	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/23/23 19:53	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/23/23 19:53	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/23/23 19:53	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 19:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/23/23 19:53	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/23/23 19:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/23/23 19:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 19:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/23/23 19:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/23/23 19:53	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/23/23 19:53	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 19:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/23/23 19:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/23/23 19:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/23/23 19:53	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/23/23 19:53	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/23/23 19:53	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/23/23 19:53	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/23/23 19:53	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 19:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/23/23 19:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/23/23 19:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/23/23 19:53	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/23/23 19:53	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/23/23 19:53	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/23/23 19:53	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-05-60 **Lab ID: 40257341019** Collected: 01/19/23 10:35 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/23/23 19:53	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:53	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/23/23 19:53	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/23/23 19:53	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/23/23 19:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/23/23 19:53	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/23/23 19:53	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/23/23 19:53	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/23/23 19:53	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/23/23 19:53	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/23/23 19:53	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/23/23 19:53	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/23/23 19:53	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:53	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/23/23 19:53	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/23/23 19:53	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/23/23 19:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/23/23 19:53	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/23/23 19:53	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/23/23 19:53	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		01/23/23 19:53	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/23/23 19:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/23/23 19:53	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-05-30 **Lab ID: 40257341020** Collected: 01/19/23 09:25 Received: 01/20/23 07:55 Matrix: Water

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

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-05-30 Lab ID: 40257341020 Collected: 01/19/23 09:25 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 09:50	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 09:50	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 09:50	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 09:50	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 09:50	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 09:50	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 09:50	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 09:50	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 09:50	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 09:50	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 09:50	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 09:50	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 09:50	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 09:50	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 09:50	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 09:50	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 09:50	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 09:50	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 09:50	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 09:50	10061-02-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		01/24/23 09:50	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/24/23 09:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/24/23 09:50	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-12-31 **Lab ID: 40257341021** Collected: 01/19/23 14:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 16:04	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 16:04	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 16:04	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:04	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 16:04	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 16:04	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 16:04	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 16:04	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 16:04	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 16:04	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 16:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 16:04	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 16:04	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 16:04	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 16:04	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:04	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:04	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:04	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 16:04	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 16:04	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 16:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 16:04	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/24/23 16:04	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:04	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 16:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 16:04	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 16:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 16:04	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 16:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 16:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 16:04	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 16:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 16:04	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/24/23 16:04	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 16:04	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 16:04	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 16:04	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 16:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 16:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 16:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 16:04	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 16:04	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/24/23 16:04	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 16:04	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-12-31 **Lab ID: 40257341021** Collected: 01/19/23 14:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 16:04	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:04	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 16:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 16:04	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 16:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 16:04	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 16:04	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 16:04	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:04	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 16:04	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 16:04	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 16:04	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 16:04	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:04	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:04	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 16:04	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 16:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 16:04	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 16:04	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 16:04	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		01/24/23 16:04	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		01/24/23 16:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/24/23 16:04	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-16-29 Lab ID: 40257341022 Collected: 01/19/23 14:50 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 16:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 16:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 16:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 16:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 16:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 16:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 16:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 16:24	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 16:24	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 16:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 16:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 16:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 16:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 16:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 16:24	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 16:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 16:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 16:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/24/23 16:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 16:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 16:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 16:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 16:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 16:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 16:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 16:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 16:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 16:24	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/24/23 16:24	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 16:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 16:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 16:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 16:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 16:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 16:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 16:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 16:24	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/24/23 16:24	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 16:24	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-16-29 **Lab ID: 40257341022** Collected: 01/19/23 14:50 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 16:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 16:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 16:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 16:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 16:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 16:24	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 16:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:24	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 16:24	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 16:24	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 16:24	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 16:24	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:24	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:24	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 16:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 16:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 16:24	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 16:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 16:24	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		01/24/23 16:24	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		01/24/23 16:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		01/24/23 16:24	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-18-31 **Lab ID: 40257341023** Collected: 01/19/23 09:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<35.5	ug/L	100	35.5	100		01/24/23 18:04	630-20-6	
1,1,1-Trichloroethane	<30.3	ug/L	100	30.3	100		01/24/23 18:04	71-55-6	
1,1,2,2-Tetrachloroethane	<37.8	ug/L	100	37.8	100		01/24/23 18:04	79-34-5	
1,1,2-Trichloroethane	<34.4	ug/L	500	34.4	100		01/24/23 18:04	79-00-5	
1,1-Dichloroethane	<29.6	ug/L	100	29.6	100		01/24/23 18:04	75-34-3	
1,1-Dichloroethene	<58.2	ug/L	100	58.2	100		01/24/23 18:04	75-35-4	
1,1-Dichloropropene	<41.0	ug/L	100	41.0	100		01/24/23 18:04	563-58-6	
1,2,3-Trichlorobenzene	<102	ug/L	500	102	100		01/24/23 18:04	87-61-6	
1,2,3-Trichloropropane	<55.5	ug/L	500	55.5	100		01/24/23 18:04	96-18-4	
1,2,4-Trichlorobenzene	<95.1	ug/L	500	95.1	100		01/24/23 18:04	120-82-1	
1,2,4-Trimethylbenzene	<44.9	ug/L	100	44.9	100		01/24/23 18:04	95-63-6	
1,2-Dibromo-3-chloropropane	<237	ug/L	500	237	100		01/24/23 18:04	96-12-8	
1,2-Dibromoethane (EDB)	<30.9	ug/L	100	30.9	100		01/24/23 18:04	106-93-4	
1,2-Dichlorobenzene	<32.6	ug/L	100	32.6	100		01/24/23 18:04	95-50-1	
1,2-Dichloroethane	<29.2	ug/L	100	29.2	100		01/24/23 18:04	107-06-2	
1,2-Dichloropropane	<44.8	ug/L	100	44.8	100		01/24/23 18:04	78-87-5	
1,3,5-Trimethylbenzene	<35.7	ug/L	100	35.7	100		01/24/23 18:04	108-67-8	
1,3-Dichlorobenzene	<35.1	ug/L	100	35.1	100		01/24/23 18:04	541-73-1	
1,3-Dichloropropane	<30.5	ug/L	100	30.5	100		01/24/23 18:04	142-28-9	
1,4-Dichlorobenzene	<89.2	ug/L	100	89.2	100		01/24/23 18:04	106-46-7	
2,2-Dichloropropane	<418	ug/L	500	418	100		01/24/23 18:04	594-20-7	
2-Chlorotoluene	<89.0	ug/L	500	89.0	100		01/24/23 18:04	95-49-8	
4-Chlorotoluene	<89.4	ug/L	500	89.4	100		01/24/23 18:04	106-43-4	
Benzene	10300	ug/L	100	29.5	100		01/24/23 18:04	71-43-2	
Bromobenzene	<36.1	ug/L	100	36.1	100		01/24/23 18:04	108-86-1	
Bromochloromethane	<35.8	ug/L	500	35.8	100		01/24/23 18:04	74-97-5	
Bromodichloromethane	<41.5	ug/L	100	41.5	100		01/24/23 18:04	75-27-4	
Bromoform	<380	ug/L	500	380	100		01/24/23 18:04	75-25-2	
Bromomethane	<119	ug/L	500	119	100		01/24/23 18:04	74-83-9	
Carbon tetrachloride	<36.9	ug/L	100	36.9	100		01/24/23 18:04	56-23-5	
Chlorobenzene	<85.5	ug/L	100	85.5	100		01/24/23 18:04	108-90-7	
Chloroethane	<138	ug/L	500	138	100		01/24/23 18:04	75-00-3	
Chloroform	<118	ug/L	500	118	100		01/24/23 18:04	67-66-3	
Chloromethane	<164	ug/L	500	164	100		01/24/23 18:04	74-87-3	
Cyclohexane	553	ug/L	500	129	100		01/24/23 18:04	110-82-7	
Dibromochloromethane	<264	ug/L	500	264	100		01/24/23 18:04	124-48-1	
Dibromomethane	<99.1	ug/L	500	99.1	100		01/24/23 18:04	74-95-3	
Dichlorodifluoromethane	<45.5	ug/L	500	45.5	100		01/24/23 18:04	75-71-8	
Diisopropyl ether	<110	ug/L	500	110	100		01/24/23 18:04	108-20-3	
Ethylbenzene	146	ug/L	100	32.5	100		01/24/23 18:04	100-41-4	
Hexachloro-1,3-butadiene	<274	ug/L	500	274	100		01/24/23 18:04	87-68-3	
Isopropylbenzene (Cumene)	<100	ug/L	500	100	100		01/24/23 18:04	98-82-8	
Methyl-tert-butyl ether	<113	ug/L	500	113	100		01/24/23 18:04	1634-04-4	
Methylcyclohexane	126J	ug/L	500	119	100		01/24/23 18:04	108-87-2	
Methylene Chloride	<31.9	ug/L	500	31.9	100		01/24/23 18:04	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-18-31 **Lab ID: 40257341023** Collected: 01/19/23 09:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<113	ug/L	500	113	100		01/24/23 18:04	91-20-3	
Styrene	<35.6	ug/L	100	35.6	100		01/24/23 18:04	100-42-5	
Tetrachloroethene	<40.9	ug/L	100	40.9	100		01/24/23 18:04	127-18-4	
Toluene	1650	ug/L	100	28.8	100		01/24/23 18:04	108-88-3	
Trichloroethene	<32.0	ug/L	100	32.0	100		01/24/23 18:04	79-01-6	
Trichlorofluoromethane	<41.9	ug/L	100	41.9	100		01/24/23 18:04	75-69-4	
Vinyl chloride	<17.4	ug/L	100	17.4	100		01/24/23 18:04	75-01-4	
cis-1,2-Dichloroethene	<47.2	ug/L	100	47.2	100		01/24/23 18:04	156-59-2	
cis-1,3-Dichloropropene	<35.8	ug/L	100	35.8	100		01/24/23 18:04	10061-01-5	
m&p-Xylene	359	ug/L	200	70.0	100		01/24/23 18:04	179601-23-1	
n-Butylbenzene	<85.7	ug/L	100	85.7	100		01/24/23 18:04	104-51-8	
n-Heptane	<163	ug/L	500	163	100		01/24/23 18:04	142-82-5	
n-Hexane	<146	ug/L	500	146	100		01/24/23 18:04	110-54-3	
n-Propylbenzene	<34.5	ug/L	100	34.5	100		01/24/23 18:04	103-65-1	
o-Xylene	147	ug/L	100	34.8	100		01/24/23 18:04	95-47-6	
p-Isopropyltoluene	<104	ug/L	500	104	100		01/24/23 18:04	99-87-6	
sec-Butylbenzene	<42.4	ug/L	100	42.4	100		01/24/23 18:04	135-98-8	
tert-Butylbenzene	<58.6	ug/L	100	58.6	100		01/24/23 18:04	98-06-6	
trans-1,2-Dichloroethene	<52.8	ug/L	100	52.8	100		01/24/23 18:04	156-60-5	
trans-1,3-Dichloropropene	<346	ug/L	500	346	100		01/24/23 18:04	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		100		01/24/23 18:04	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		100		01/24/23 18:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		100		01/24/23 18:04	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-118-31 **Lab ID: 40257341024** Collected: 01/19/23 08:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<17.8	ug/L	50.0	17.8	50		01/24/23 18:23	630-20-6	
1,1,1-Trichloroethane	<15.1	ug/L	50.0	15.1	50		01/24/23 18:23	71-55-6	
1,1,2,2-Tetrachloroethane	<18.9	ug/L	50.0	18.9	50		01/24/23 18:23	79-34-5	
1,1,2-Trichloroethane	<17.2	ug/L	250	17.2	50		01/24/23 18:23	79-00-5	
1,1-Dichloroethane	<14.8	ug/L	50.0	14.8	50		01/24/23 18:23	75-34-3	
1,1-Dichloroethene	<29.1	ug/L	50.0	29.1	50		01/24/23 18:23	75-35-4	
1,1-Dichloropropene	<20.5	ug/L	50.0	20.5	50		01/24/23 18:23	563-58-6	
1,2,3-Trichlorobenzene	<50.9	ug/L	250	50.9	50		01/24/23 18:23	87-61-6	
1,2,3-Trichloropropane	<27.8	ug/L	250	27.8	50		01/24/23 18:23	96-18-4	
1,2,4-Trichlorobenzene	<47.5	ug/L	250	47.5	50		01/24/23 18:23	120-82-1	
1,2,4-Trimethylbenzene	29.0J	ug/L	50.0	22.4	50		01/24/23 18:23	95-63-6	
1,2-Dibromo-3-chloropropane	<118	ug/L	250	118	50		01/24/23 18:23	96-12-8	
1,2-Dibromoethane (EDB)	<15.5	ug/L	50.0	15.5	50		01/24/23 18:23	106-93-4	
1,2-Dichlorobenzene	<16.3	ug/L	50.0	16.3	50		01/24/23 18:23	95-50-1	
1,2-Dichloroethane	<14.6	ug/L	50.0	14.6	50		01/24/23 18:23	107-06-2	
1,2-Dichloropropane	<22.4	ug/L	50.0	22.4	50		01/24/23 18:23	78-87-5	
1,3,5-Trimethylbenzene	<17.9	ug/L	50.0	17.9	50		01/24/23 18:23	108-67-8	
1,3-Dichlorobenzene	<17.6	ug/L	50.0	17.6	50		01/24/23 18:23	541-73-1	
1,3-Dichloropropane	<15.2	ug/L	50.0	15.2	50		01/24/23 18:23	142-28-9	
1,4-Dichlorobenzene	<44.6	ug/L	50.0	44.6	50		01/24/23 18:23	106-46-7	
2,2-Dichloropropane	<209	ug/L	250	209	50		01/24/23 18:23	594-20-7	
2-Chlorotoluene	<44.5	ug/L	250	44.5	50		01/24/23 18:23	95-49-8	
4-Chlorotoluene	<44.7	ug/L	250	44.7	50		01/24/23 18:23	106-43-4	
Benzene	8950	ug/L	50.0	14.8	50		01/24/23 18:23	71-43-2	
Bromobenzene	<18.0	ug/L	50.0	18.0	50		01/24/23 18:23	108-86-1	
Bromochloromethane	<17.9	ug/L	250	17.9	50		01/24/23 18:23	74-97-5	
Bromodichloromethane	<20.8	ug/L	50.0	20.8	50		01/24/23 18:23	75-27-4	
Bromoform	<190	ug/L	250	190	50		01/24/23 18:23	75-25-2	
Bromomethane	<59.6	ug/L	250	59.6	50		01/24/23 18:23	74-83-9	
Carbon tetrachloride	<18.5	ug/L	50.0	18.5	50		01/24/23 18:23	56-23-5	
Chlorobenzene	<42.8	ug/L	50.0	42.8	50		01/24/23 18:23	108-90-7	
Chloroethane	<69.0	ug/L	250	69.0	50		01/24/23 18:23	75-00-3	
Chloroform	<59.1	ug/L	250	59.1	50		01/24/23 18:23	67-66-3	
Chloromethane	<81.8	ug/L	250	81.8	50		01/24/23 18:23	74-87-3	
Cyclohexane	365	ug/L	250	64.4	50		01/24/23 18:23	110-82-7	
Dibromochloromethane	<132	ug/L	250	132	50		01/24/23 18:23	124-48-1	
Dibromomethane	<49.5	ug/L	250	49.5	50		01/24/23 18:23	74-95-3	
Dichlorodifluoromethane	<22.8	ug/L	250	22.8	50		01/24/23 18:23	75-71-8	
Diisopropyl ether	<55.0	ug/L	250	55.0	50		01/24/23 18:23	108-20-3	
Ethylbenzene	135	ug/L	50.0	16.3	50		01/24/23 18:23	100-41-4	
Hexachloro-1,3-butadiene	<137	ug/L	250	137	50		01/24/23 18:23	87-68-3	
Isopropylbenzene (Cumene)	<50.0	ug/L	250	50.0	50		01/24/23 18:23	98-82-8	
Methyl-tert-butyl ether	<56.5	ug/L	250	56.5	50		01/24/23 18:23	1634-04-4	
Methylcyclohexane	75.9J	ug/L	250	59.7	50		01/24/23 18:23	108-87-2	
Methylene Chloride	<16.0	ug/L	250	16.0	50		01/24/23 18:23	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-118-31 **Lab ID: 40257341024** Collected: 01/19/23 08:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<56.5	ug/L	250	56.5	50		01/24/23 18:23	91-20-3	
Styrene	<17.8	ug/L	50.0	17.8	50		01/24/23 18:23	100-42-5	
Tetrachloroethene	<20.4	ug/L	50.0	20.4	50		01/24/23 18:23	127-18-4	
Toluene	1460	ug/L	50.0	14.4	50		01/24/23 18:23	108-88-3	
Trichloroethene	<16.0	ug/L	50.0	16.0	50		01/24/23 18:23	79-01-6	
Trichlorofluoromethane	<20.9	ug/L	50.0	20.9	50		01/24/23 18:23	75-69-4	
Vinyl chloride	<8.7	ug/L	50.0	8.7	50		01/24/23 18:23	75-01-4	
cis-1,2-Dichloroethene	<23.6	ug/L	50.0	23.6	50		01/24/23 18:23	156-59-2	
cis-1,3-Dichloropropene	<17.9	ug/L	50.0	17.9	50		01/24/23 18:23	10061-01-5	
m&p-Xylene	342	ug/L	100	35.0	50		01/24/23 18:23	179601-23-1	
n-Butylbenzene	<42.9	ug/L	50.0	42.9	50		01/24/23 18:23	104-51-8	
n-Heptane	<81.6	ug/L	250	81.6	50		01/24/23 18:23	142-82-5	
n-Hexane	<73.1	ug/L	250	73.1	50		01/24/23 18:23	110-54-3	
n-Propylbenzene	<17.3	ug/L	50.0	17.3	50		01/24/23 18:23	103-65-1	
o-Xylene	143	ug/L	50.0	17.4	50		01/24/23 18:23	95-47-6	
p-Isopropyltoluene	<52.2	ug/L	250	52.2	50		01/24/23 18:23	99-87-6	
sec-Butylbenzene	<21.2	ug/L	50.0	21.2	50		01/24/23 18:23	135-98-8	
tert-Butylbenzene	<29.3	ug/L	50.0	29.3	50		01/24/23 18:23	98-06-6	
trans-1,2-Dichloroethene	<26.4	ug/L	50.0	26.4	50		01/24/23 18:23	156-60-5	
trans-1,3-Dichloropropene	<173	ug/L	250	173	50		01/24/23 18:23	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		50		01/24/23 18:23	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		50		01/24/23 18:23	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		50		01/24/23 18:23	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-14-31 **Lab ID: 40257341025** Collected: 01/19/23 11:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	150	ug/L	5.0	2.0	1		01/25/23 10:12	74-82-8	
Ethane	0.93J	ug/L	1.0	0.17	1		01/25/23 10:12	74-84-0	
Ethene	0.60J	ug/L	1.0	0.24	1		01/25/23 10:12	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	220000	ug/L	1200	585	1		01/25/23 18:47	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4410	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:48	7439-89-6	
Manganese	690	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:48	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	4100	ug/L	100	29.6	1		01/23/23 17:29	7439-89-6	
Manganese, Dissolved	650	ug/L	5.0	1.1	1		01/23/23 17:29	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 16:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 16:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 16:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 16:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 16:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 16:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 16:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 16:44	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 16:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 16:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 16:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 16:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 16:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 16:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 16:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 16:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 16:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 16:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 16:44	106-43-4	
Benzene	118	ug/L	1.0	0.30	1		01/24/23 16:44	71-43-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-14-31 **Lab ID: 40257341025** Collected: 01/19/23 11:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 16:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 16:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 16:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 16:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 16:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 16:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 16:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 16:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 16:44	74-87-3	
Cyclohexane	8.7	ug/L	5.0	1.3	1		01/24/23 16:44	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 16:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 16:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 16:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 16:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 16:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 16:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 16:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 16:44	1634-04-4	
Methylcyclohexane	7.6	ug/L	5.0	1.2	1		01/24/23 16:44	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 16:44	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 16:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 16:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 16:44	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 16:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 16:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 16:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 16:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 16:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 16:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 16:44	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 16:44	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 16:44	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 16:44	103-65-1	
o-Xylene	0.45J	ug/L	1.0	0.35	1		01/24/23 16:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 16:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 16:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 16:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 16:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 16:44	10061-02-6	
Surrogates									
Toluene-d8 (S)	107	%	70-130		1		01/24/23 16:44	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		01/24/23 16:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/24/23 16:44	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-14-31 **Lab ID: 40257341025** Collected: 01/19/23 11:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions	Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay								
Sulfate	6.7	mg/L	2.0	0.44	1		01/24/23 18:55	14808-79-8	
310.2 Alkalinity	Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay								
Alkalinity, Total as CaCO ₃	621	mg/L	50.0	14.9	2		01/26/23 13:31		
353.2 Nitrogen, NO₂/NO₃ pres.	Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay								
Nitrogen, NO ₂ plus NO ₃	<0.059	mg/L	0.25	0.059	1		01/30/23 12:19		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-114-31 **Lab ID: 40257341026** Collected: 01/19/23 12:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Biodegradation Indicator Gases									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Methane	200	ug/L	5.0	2.0	1		01/25/23 10:28	74-82-8	
Ethane	1.1	ug/L	1.0	0.17	1		01/25/23 10:28	74-84-0	
Ethene	0.58J	ug/L	1.0	0.24	1		01/25/23 10:28	74-85-1	
EPA RSK-175									
Analytical Method: RSK-175 Pace Analytical Gulf Coast									
Carbon dioxide	215000	ug/L	1200	585	1		01/25/23 19:03	124-38-9	
6010D MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Green Bay									
Iron	4350	ug/L	100	56.7	1	01/23/23 06:01	01/23/23 16:50	7439-89-6	
Manganese	690	ug/L	5.0	1.5	1	01/23/23 06:01	01/23/23 16:50	7439-96-5	
6010D MET ICP, Dissolved									
Analytical Method: EPA 6010D Pace Analytical Services - Green Bay									
Iron, Dissolved	4140	ug/L	100	29.6	1		01/23/23 17:31	7439-89-6	
Manganese, Dissolved	659	ug/L	5.0	1.1	1		01/23/23 17:31	7439-96-5	
8260 MSV Oxygenates									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 17:04	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:04	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 17:04	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 17:04	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:04	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 17:04	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 17:04	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 17:04	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 17:04	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 17:04	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 17:04	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 17:04	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 17:04	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 17:04	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 17:04	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 17:04	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:04	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:04	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:04	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 17:04	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 17:04	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 17:04	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 17:04	106-43-4	
Benzene	107	ug/L	1.0	0.30	1		01/24/23 17:04	71-43-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-114-31 Lab ID: 40257341026 Collected: 01/19/23 12:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:04	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 17:04	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 17:04	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 17:04	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 17:04	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 17:04	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 17:04	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 17:04	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 17:04	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 17:04	74-87-3	
Cyclohexane	8.2	ug/L	5.0	1.3	1		01/24/23 17:04	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 17:04	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 17:04	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 17:04	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 17:04	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 17:04	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 17:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 17:04	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 17:04	1634-04-4	
Methylcyclohexane	7.1	ug/L	5.0	1.2	1		01/24/23 17:04	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 17:04	75-09-2	
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 17:04	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:04	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 17:04	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 17:04	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 17:04	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 17:04	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 17:04	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 17:04	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:04	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 17:04	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 17:04	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 17:04	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 17:04	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:04	103-65-1	
o-Xylene	0.45J	ug/L	1.0	0.35	1		01/24/23 17:04	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 17:04	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 17:04	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 17:04	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 17:04	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 17:04	10061-02-6	
Surrogates									
Toluene-d8 (S)	108	%	70-130		1		01/24/23 17:04	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		01/24/23 17:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/24/23 17:04	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-114-31 **Lab ID: 40257341026** Collected: 01/19/23 12:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	6.5	mg/L	2.0	0.44	1		01/24/23 19:10	14808-79-8	
310.2 Alkalinity									
Analytical Method: EPA 310.2 Pace Analytical Services - Green Bay									
Alkalinity, Total as CaCO ₃	609	mg/L	50.0	14.9	2		01/26/23 13:32		
353.2 Nitrogen, NO₂/NO₃ pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO ₂ plus NO ₃	<0.059	mg/L	0.25	0.059	1		01/30/23 12:20		

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-08-27 **Lab ID: 40257341027** Collected: 01/19/23 13:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 17:24	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:24	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 17:24	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 17:24	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:24	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 17:24	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 17:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 17:24	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 17:24	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 17:24	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 17:24	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 17:24	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 17:24	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 17:24	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 17:24	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 17:24	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:24	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:24	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:24	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 17:24	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 17:24	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 17:24	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 17:24	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/24/23 17:24	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:24	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 17:24	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 17:24	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 17:24	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 17:24	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 17:24	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 17:24	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 17:24	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 17:24	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 17:24	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/24/23 17:24	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 17:24	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 17:24	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 17:24	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 17:24	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 17:24	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 17:24	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 17:24	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 17:24	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/24/23 17:24	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 17:24	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: MW-08-27 **Lab ID: 40257341027** Collected: 01/19/23 13:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 17:24	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:24	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 17:24	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 17:24	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 17:24	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 17:24	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 17:24	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 17:24	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:24	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 17:24	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 17:24	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 17:24	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 17:24	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:24	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:24	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 17:24	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 17:24	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 17:24	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 17:24	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 17:24	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		01/24/23 17:24	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		01/24/23 17:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		01/24/23 17:24	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-01-63 **Lab ID: 40257341028** Collected: 01/19/23 14:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 17:44	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:44	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 17:44	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 17:44	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:44	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 17:44	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 17:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 17:44	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 17:44	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 17:44	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 17:44	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 17:44	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 17:44	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 17:44	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 17:44	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 17:44	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:44	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:44	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 17:44	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 17:44	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 17:44	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 17:44	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 17:44	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/24/23 17:44	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 17:44	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 17:44	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 17:44	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 17:44	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 17:44	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 17:44	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 17:44	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 17:44	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 17:44	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/24/23 17:44	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 17:44	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 17:44	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 17:44	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 17:44	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 17:44	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 17:44	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 17:44	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 17:44	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/24/23 17:44	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 17:44	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: MW-01-63 **Lab ID: 40257341028** Collected: 01/19/23 14:45 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 17:44	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:44	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 17:44	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 17:44	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 17:44	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 17:44	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 17:44	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 17:44	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 17:44	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 17:44	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 17:44	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 17:44	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 17:44	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:44	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 17:44	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 17:44	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 17:44	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 17:44	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 17:44	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 17:44	10061-02-6	
Surrogates									
Toluene-d8 (S)	107	%	70-130		1		01/24/23 17:44	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		01/24/23 17:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/24/23 17:44	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: EB011923A **Lab ID: 40257341029** Collected: 01/19/23 13:55 Received: 01/20/23 07:55 Matrix: Water

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

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: EB011923A **Lab ID: 40257341029** Collected: 01/19/23 13:55 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 12:46	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 12:46	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 12:46	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 12:46	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 12:46	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 12:46	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 12:46	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 12:46	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 12:46	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 12:46	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 12:46	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 12:46	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 12:46	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 12:46	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 12:46	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 12:46	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 12:46	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 12:46	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 12:46	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 12:46	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		01/24/23 12:46	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		01/24/23 12:46	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		01/24/23 12:46	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: EB011923B **Lab ID: 40257341030** Collected: 01/19/23 15:15 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 13:06	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 13:06	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 13:06	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 13:06	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 13:06	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 13:06	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 13:06	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 13:06	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 13:06	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 13:06	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 13:06	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 13:06	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 13:06	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 13:06	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 13:06	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 13:06	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:06	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 13:06	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 13:06	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 13:06	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 13:06	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 13:06	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 13:06	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/24/23 13:06	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 13:06	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 13:06	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 13:06	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 13:06	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 13:06	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 13:06	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 13:06	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 13:06	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 13:06	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/24/23 13:06	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 13:06	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 13:06	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 13:06	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 13:06	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 13:06	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 13:06	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 13:06	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 13:06	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/24/23 13:06	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 13:06	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Sample: EB011923B **Lab ID: 40257341030** Collected: 01/19/23 15:15 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 13:06	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:06	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 13:06	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 13:06	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 13:06	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 13:06	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 13:06	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 13:06	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:06	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 13:06	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 13:06	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 13:06	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 13:06	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 13:06	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 13:06	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 13:06	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 13:06	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 13:06	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 13:06	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 13:06	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		01/24/23 13:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		01/24/23 13:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		01/24/23 13:06	2199-69-1	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: TB011923 **Lab ID: 40257341031** Collected: 01/19/23 00:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		01/24/23 13:26	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 13:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		01/24/23 13:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		01/24/23 13:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		01/24/23 13:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		01/24/23 13:26	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		01/24/23 13:26	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		01/24/23 13:26	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		01/24/23 13:26	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		01/24/23 13:26	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		01/24/23 13:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		01/24/23 13:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		01/24/23 13:26	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 13:26	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		01/24/23 13:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		01/24/23 13:26	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:26	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 13:26	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		01/24/23 13:26	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		01/24/23 13:26	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		01/24/23 13:26	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 13:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		01/24/23 13:26	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		01/24/23 13:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		01/24/23 13:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 13:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		01/24/23 13:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		01/24/23 13:26	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		01/24/23 13:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 13:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		01/24/23 13:26	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		01/24/23 13:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		01/24/23 13:26	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		01/24/23 13:26	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		01/24/23 13:26	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		01/24/23 13:26	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		01/24/23 13:26	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 13:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		01/24/23 13:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		01/24/23 13:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		01/24/23 13:26	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		01/24/23 13:26	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		01/24/23 13:26	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		01/24/23 13:26	75-09-2	

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ANALYTICAL RESULTS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Sample: TB011923 **Lab ID: 40257341031** Collected: 01/19/23 00:00 Received: 01/20/23 07:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Oxygenates									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Naphthalene	<1.1	ug/L	5.0	1.1	1		01/24/23 13:26	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:26	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		01/24/23 13:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		01/24/23 13:26	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		01/24/23 13:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		01/24/23 13:26	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		01/24/23 13:26	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		01/24/23 13:26	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		01/24/23 13:26	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		01/24/23 13:26	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		01/24/23 13:26	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		01/24/23 13:26	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		01/24/23 13:26	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		01/24/23 13:26	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		01/24/23 13:26	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		01/24/23 13:26	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		01/24/23 13:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		01/24/23 13:26	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		01/24/23 13:26	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		01/24/23 13:26	10061-02-6	
Surrogates									
Toluene-d8 (S)	106	%	70-130		1		01/24/23 13:26	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		01/24/23 13:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		01/24/23 13:26	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch:	758517	Analysis Method:	RSK-175
QC Batch Method:	RSK-175	Analysis Description:	Biodegradation Indicator Gases
		Laboratory:	Pace Analytical Gulf Coast

Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK: 2444745 Matrix: Water
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	2.3J	5.0	01/25/23 08:22	B0
Ethane	ug/L	<0.17	1.0	01/25/23 08:22	
Ethene	ug/L	<0.24	1.0	01/25/23 08:22	

Parameter	Units	2444746		2444747		% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec				
Methane	ug/L	380	340	320	90	84	70-130	8	30
Ethane	ug/L	97	91	87	94	90	70-130	5	30
Ethene	ug/L	120	120	110	99	95	70-130	4	30

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

QC Batch:	758548	Analysis Method:	RSK-175
QC Batch Method:	RSK-175	Analysis Description:	EPA RSK 175 CO2
		Laboratory:	Pace Analytical Gulf Coast

Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK:	2444815	Matrix:	Water
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Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Carbon dioxide	ug/L	<585	1200	01/25/23 16:24	

Parameter	Units	LABORATORY CONTROL SAMPLE & LCSD: 2444816					2444817		Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD		
Carbon dioxide	ug/L	33800	40200	37300	119	110	38-147	7	40	

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch:	436295	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 6010D	Analysis Description:	ICP Metals, Trace, Dissolved
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK: 2509074 Matrix: Water
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron, Dissolved	ug/L	<29.6	100	01/23/23 16:56	
Manganese, Dissolved	ug/L	<1.1	5.0	01/23/23 16:56	

LABORATORY CONTROL SAMPLE: 2509075

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	10000	10100	101	80-120	
Manganese, Dissolved	ug/L	250	258	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509076 2509077

Parameter	Units	2509076		2509077		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40257320001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron, Dissolved	ug/L	<29.6	10000	10000	9330	9330	93	93	75-125	0	20
Manganese, Dissolved	ug/L	2.6J	250	250	238	239	94	94	75-125	0	20

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch: 436231 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK: 2508897 Matrix: Water
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	<56.7	100	01/23/23 16:15	
Manganese	ug/L	<1.5	5.0	01/23/23 16:15	

LABORATORY CONTROL SAMPLE: 2508898

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	10000	9970	100	80-120	
Manganese	ug/L	250	253	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2508899 2508900

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40257337001 Result	Spike Conc.	Spike Conc.	Result								
Iron	ug/L	158	10000	10000	9980	10300	98	101	75-125	3	20		
Manganese	ug/L	9.6	250	250	260	265	100	102	75-125	2	20		

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch:	436251	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV Oxygenates
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40257341001, 40257341002, 40257341003, 40257341004, 40257341005, 40257341006, 40257341007, 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341014, 40257341015, 40257341016, 40257341017, 40257341018, 40257341019, 40257341020

METHOD BLANK: 2508959 Matrix: Water
Associated Lab Samples: 40257341001, 40257341002, 40257341003, 40257341004, 40257341005, 40257341006, 40257341007, 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341014, 40257341015, 40257341016, 40257341017, 40257341018, 40257341019, 40257341020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/23/23 09:37	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/23/23 09:37	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/23/23 09:37	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	01/23/23 09:37	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/23/23 09:37	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/23/23 09:37	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/23/23 09:37	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/23/23 09:37	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	01/23/23 09:37	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/23/23 09:37	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/23/23 09:37	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/23/23 09:37	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/23/23 09:37	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/23/23 09:37	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/23/23 09:37	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/23/23 09:37	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/23/23 09:37	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/23/23 09:37	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/23/23 09:37	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/23/23 09:37	
2,2-Dichloropropane	ug/L	<4.2	5.0	01/23/23 09:37	
2-Chlorotoluene	ug/L	<0.89	5.0	01/23/23 09:37	
4-Chlorotoluene	ug/L	<0.89	5.0	01/23/23 09:37	
Benzene	ug/L	<0.30	1.0	01/23/23 09:37	
Bromobenzene	ug/L	<0.36	1.0	01/23/23 09:37	
Bromochloromethane	ug/L	<0.36	5.0	01/23/23 09:37	
Bromodichloromethane	ug/L	<0.42	1.0	01/23/23 09:37	
Bromoform	ug/L	<3.8	5.0	01/23/23 09:37	
Bromomethane	ug/L	<1.2	5.0	01/23/23 09:37	
Carbon tetrachloride	ug/L	<0.37	1.0	01/23/23 09:37	
Chlorobenzene	ug/L	<0.86	1.0	01/23/23 09:37	
Chloroethane	ug/L	<1.4	5.0	01/23/23 09:37	
Chloroform	ug/L	<1.2	5.0	01/23/23 09:37	
Chloromethane	ug/L	<1.6	5.0	01/23/23 09:37	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/23/23 09:37	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	01/23/23 09:37	
Cyclohexane	ug/L	<1.3	5.0	01/23/23 09:37	

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

METHOD BLANK: 2508959

Matrix: Water

Associated Lab Samples: 40257341001, 40257341002, 40257341003, 40257341004, 40257341005, 40257341006, 40257341007, 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341014, 40257341015, 40257341016, 40257341017, 40257341018, 40257341019, 40257341020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<2.6	5.0	01/23/23 09:37	
Dibromomethane	ug/L	<0.99	5.0	01/23/23 09:37	
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/23/23 09:37	
Diisopropyl ether	ug/L	<1.1	5.0	01/23/23 09:37	
Ethylbenzene	ug/L	<0.33	1.0	01/23/23 09:37	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/23/23 09:37	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/23/23 09:37	
m&p-Xylene	ug/L	<0.70	2.0	01/23/23 09:37	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/23/23 09:37	
Methylcyclohexane	ug/L	<1.2	5.0	01/23/23 09:37	
Methylene Chloride	ug/L	<0.32	5.0	01/23/23 09:37	
n-Butylbenzene	ug/L	<0.86	1.0	01/23/23 09:37	
n-Heptane	ug/L	<1.6	5.0	01/23/23 09:37	
n-Hexane	ug/L	<1.5	5.0	01/23/23 09:37	
n-Propylbenzene	ug/L	<0.35	1.0	01/23/23 09:37	
Naphthalene	ug/L	<1.1	5.0	01/23/23 09:37	
o-Xylene	ug/L	<0.35	1.0	01/23/23 09:37	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/23/23 09:37	
sec-Butylbenzene	ug/L	<0.42	1.0	01/23/23 09:37	
Styrene	ug/L	<0.36	1.0	01/23/23 09:37	
tert-Butylbenzene	ug/L	<0.59	1.0	01/23/23 09:37	
Tetrachloroethene	ug/L	<0.41	1.0	01/23/23 09:37	
Toluene	ug/L	<0.29	1.0	01/23/23 09:37	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/23/23 09:37	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	01/23/23 09:37	
Trichloroethene	ug/L	<0.32	1.0	01/23/23 09:37	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/23/23 09:37	
Vinyl chloride	ug/L	<0.17	1.0	01/23/23 09:37	
1,2-Dichlorobenzene-d4 (S)	%	101	70-130	01/23/23 09:37	
4-Bromofluorobenzene (S)	%	101	70-130	01/23/23 09:37	
Toluene-d8 (S)	%	102	70-130	01/23/23 09:37	

LABORATORY CONTROL SAMPLE: 2508960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	58.7	117	70-134	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	69-130	
1,1,2-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethene	ug/L	50	54.8	110	74-131	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.2	106	64-137	

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

LABORATORY CONTROL SAMPLE: 2508960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	50.4	101	70-130	
1,2-Dichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dichloroethane	ug/L	50	53.5	107	70-137	
1,2-Dichloropropane	ug/L	50	54.8	110	80-121	
1,3-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
Benzene	ug/L	50	53.3	107	70-130	
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	50.6	101	70-130	
Bromomethane	ug/L	50	36.4	73	21-147	
Carbon tetrachloride	ug/L	50	61.4	123	80-146	
Chlorobenzene	ug/L	50	52.3	105	70-130	
Chloroethane	ug/L	50	53.1	106	52-165	
Chloroform	ug/L	50	55.2	110	80-123	
Chloromethane	ug/L	50	57.5	115	51-122	
cis-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	70-130	
Cyclohexane	ug/L	50	58.8	118	50-150	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dichlorodifluoromethane	ug/L	50	55.2	110	25-121	
Ethylbenzene	ug/L	50	53.8	108	80-120	
Isopropylbenzene (Cumene)	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	50.0	100	70-130	
Methylcyclohexane	ug/L	50	54.7	109	50-150	
Methylene Chloride	ug/L	50	51.0	102	70-130	
o-Xylene	ug/L	50	51.5	103	70-130	
Styrene	ug/L	50	60.7	121	70-130	
Tetrachloroethene	ug/L	50	51.8	104	70-130	
Toluene	ug/L	50	52.0	104	80-120	
trans-1,2-Dichloroethene	ug/L	50	54.0	108	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.2	98	70-130	
Trichloroethene	ug/L	50	54.2	108	70-130	
Trichlorofluoromethane	ug/L	50	56.5	113	65-160	
Vinyl chloride	ug/L	50	55.7	111	63-134	
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509029 2509030

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40257341017	Result	Spike Conc.	Spike Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	59.4	58.8	119	118	70-134	1	20		
1,1,1,2-Tetrachloroethane	ug/L	<0.38	50	50	54.3	51.6	109	103	61-135	5	20		

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Parameter	Units	2509029		2509030		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40257341017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.8	49.5	102	99	70-130	3	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	54.6	54.1	109	108	70-130	1	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	55.9	54.5	112	109	71-130	2	20		
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50.8	48.7	102	97	68-131	4	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	54.8	53.6	110	107	51-141	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.0	50.2	102	100	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	52.6	49.8	105	100	70-130	5	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	54.1	53.0	108	106	70-137	2	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	53.9	53.8	108	108	80-121	0	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	53.5	51.1	107	102	70-130	5	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	51.4	48.3	103	97	70-130	6	20		
Benzene	ug/L	1.2	50	50	54.8	53.8	107	105	70-130	2	20		
Bromodichloromethane	ug/L	<0.42	50	50	53.8	52.8	108	106	70-130	2	20		
Bromoform	ug/L	<3.8	50	50	51.7	50.4	103	101	70-133	2	20		
Bromomethane	ug/L	<1.2	50	50	45.2	49.4	90	99	21-149	9	22		
Carbon tetrachloride	ug/L	<0.37	50	50	62.4	61.5	125	123	80-146	1	20		
Chlorobenzene	ug/L	<0.86	50	50	52.8	51.9	106	104	70-130	2	20		
Chloroethane	ug/L	<1.4	50	50	59.9	58.5	120	117	52-165	2	20		
Chloroform	ug/L	<1.2	50	50	55.3	54.9	111	110	80-123	1	20		
Chloromethane	ug/L	<1.6	50	50	60.1	59.2	120	118	42-125	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.9	52.7	106	105	70-130	0	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	54.2	52.7	108	105	70-130	3	20		
Cyclohexane	ug/L	<1.3	50	50	58.9	57.9	118	116	50-150	2	20		
Dibromochloromethane	ug/L	<2.6	50	50	50.4	48.6	101	97	70-130	3	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	54.0	52.0	108	104	25-121	4	20		
Ethylbenzene	ug/L	<0.33	50	50	54.1	53.4	108	107	80-121	1	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.0	50.8	104	102	70-130	2	20		
m&p-Xylene	ug/L	<0.70	100	100	103	100	103	100	70-130	2	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	49.0	48.3	98	97	70-130	2	20		
Methylcyclohexane	ug/L	<1.2	50	50	55.2	54.1	110	108	50-150	2	20		
Methylene Chloride	ug/L	<0.32	50	50	51.4	51.4	103	103	70-130	0	20		
o-Xylene	ug/L	<0.35	50	50	51.1	50.0	102	100	70-130	2	20		
Styrene	ug/L	<0.36	50	50	59.8	58.2	120	116	70-132	3	20		
Tetrachloroethene	ug/L	<0.41	50	50	53.0	51.4	106	103	70-130	3	20		
Toluene	ug/L	<0.29	50	50	53.6	51.4	107	103	80-120	4	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	55.0	54.1	110	108	70-130	2	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	50.3	49.3	101	99	70-130	2	20		
Trichloroethene	ug/L	<0.32	50	50	53.7	53.6	107	107	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	56.8	56.4	114	113	65-160	1	20		
Vinyl chloride	ug/L	<0.17	50	50	57.7	56.2	115	112	60-137	3	20		
1,2-Dichlorobenzene-d4 (S)	%						101	99	70-130				
4-Bromofluorobenzene (S)	%						106	103	70-130				
Toluene-d8 (S)	%						102	102	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch: 436360 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Oxygenates
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257341021, 40257341022, 40257341023, 40257341024, 40257341025, 40257341026, 40257341027, 40257341028, 40257341029, 40257341030, 40257341031

METHOD BLANK: 2509253 Matrix: Water
Associated Lab Samples: 40257341021, 40257341022, 40257341023, 40257341024, 40257341025, 40257341026, 40257341027, 40257341028, 40257341029, 40257341030, 40257341031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	01/24/23 10:48	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	01/24/23 10:48	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	01/24/23 10:48	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	01/24/23 10:48	
1,1-Dichloroethane	ug/L	<0.30	1.0	01/24/23 10:48	
1,1-Dichloroethene	ug/L	<0.58	1.0	01/24/23 10:48	
1,1-Dichloropropene	ug/L	<0.41	1.0	01/24/23 10:48	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	01/24/23 10:48	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	01/24/23 10:48	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/24/23 10:48	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	01/24/23 10:48	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	01/24/23 10:48	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	01/24/23 10:48	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	01/24/23 10:48	
1,2-Dichloroethane	ug/L	<0.29	1.0	01/24/23 10:48	
1,2-Dichloropropane	ug/L	<0.45	1.0	01/24/23 10:48	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	01/24/23 10:48	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	01/24/23 10:48	
1,3-Dichloropropane	ug/L	<0.30	1.0	01/24/23 10:48	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	01/24/23 10:48	
2,2-Dichloropropane	ug/L	<4.2	5.0	01/24/23 10:48	
2-Chlorotoluene	ug/L	<0.89	5.0	01/24/23 10:48	
4-Chlorotoluene	ug/L	<0.89	5.0	01/24/23 10:48	
Benzene	ug/L	<0.30	1.0	01/24/23 10:48	
Bromobenzene	ug/L	<0.36	1.0	01/24/23 10:48	
Bromochloromethane	ug/L	<0.36	5.0	01/24/23 10:48	
Bromodichloromethane	ug/L	<0.42	1.0	01/24/23 10:48	
Bromoform	ug/L	<3.8	5.0	01/24/23 10:48	
Bromomethane	ug/L	<1.2	5.0	01/24/23 10:48	
Carbon tetrachloride	ug/L	<0.37	1.0	01/24/23 10:48	
Chlorobenzene	ug/L	<0.86	1.0	01/24/23 10:48	
Chloroethane	ug/L	<1.4	5.0	01/24/23 10:48	
Chloroform	ug/L	<1.2	5.0	01/24/23 10:48	
Chloromethane	ug/L	<1.6	5.0	01/24/23 10:48	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	01/24/23 10:48	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	01/24/23 10:48	
Cyclohexane	ug/L	<1.3	5.0	01/24/23 10:48	
Dibromochloromethane	ug/L	<2.6	5.0	01/24/23 10:48	
Dibromomethane	ug/L	<0.99	5.0	01/24/23 10:48	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

METHOD BLANK: 2509253 Matrix: Water
Associated Lab Samples: 40257341021, 40257341022, 40257341023, 40257341024, 40257341025, 40257341026, 40257341027, 40257341028, 40257341029, 40257341030, 40257341031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	01/24/23 10:48	
Diisopropyl ether	ug/L	<1.1	5.0	01/24/23 10:48	
Ethylbenzene	ug/L	<0.33	1.0	01/24/23 10:48	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	01/24/23 10:48	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	01/24/23 10:48	
m&p-Xylene	ug/L	<0.70	2.0	01/24/23 10:48	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	01/24/23 10:48	
Methylcyclohexane	ug/L	<1.2	5.0	01/24/23 10:48	
Methylene Chloride	ug/L	<0.32	5.0	01/24/23 10:48	
n-Butylbenzene	ug/L	<0.86	1.0	01/24/23 10:48	
n-Heptane	ug/L	<1.6	5.0	01/24/23 10:48	
n-Hexane	ug/L	<1.5	5.0	01/24/23 10:48	
n-Propylbenzene	ug/L	<0.35	1.0	01/24/23 10:48	
Naphthalene	ug/L	<1.1	5.0	01/24/23 10:48	
o-Xylene	ug/L	<0.35	1.0	01/24/23 10:48	
p-Isopropyltoluene	ug/L	<1.0	5.0	01/24/23 10:48	
sec-Butylbenzene	ug/L	<0.42	1.0	01/24/23 10:48	
Styrene	ug/L	<0.36	1.0	01/24/23 10:48	
tert-Butylbenzene	ug/L	<0.59	1.0	01/24/23 10:48	
Tetrachloroethene	ug/L	<0.41	1.0	01/24/23 10:48	
Toluene	ug/L	<0.29	1.0	01/24/23 10:48	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	01/24/23 10:48	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	01/24/23 10:48	
Trichloroethene	ug/L	<0.32	1.0	01/24/23 10:48	
Trichlorofluoromethane	ug/L	<0.42	1.0	01/24/23 10:48	
Vinyl chloride	ug/L	<0.17	1.0	01/24/23 10:48	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	01/24/23 10:48	
4-Bromofluorobenzene (S)	%	97	70-130	01/24/23 10:48	
Toluene-d8 (S)	%	106	70-130	01/24/23 10:48	

LABORATORY CONTROL SAMPLE: 2509254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	51.0	102	70-134	
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	69-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	54.3	109	70-130	
1,1-Dichloroethene	ug/L	50	62.7	125	74-131	
1,2,4-Trichlorobenzene	ug/L	50	39.7	79	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	41.2	82	64-137	
1,2-Dibromoethane (EDB)	ug/L	50	46.0	92	70-130	
1,2-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,2-Dichloroethane	ug/L	50	58.8	118	70-137	

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

LABORATORY CONTROL SAMPLE: 2509254

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	52.5	105	80-121	
1,3-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,4-Dichlorobenzene	ug/L	50	47.6	95	70-130	
Benzene	ug/L	50	51.8	104	70-130	
Bromodichloromethane	ug/L	50	49.2	98	70-130	
Bromoform	ug/L	50	44.6	89	70-130	
Bromomethane	ug/L	50	49.1	98	21-147	
Carbon tetrachloride	ug/L	50	50.6	101	80-146	
Chlorobenzene	ug/L	50	52.5	105	70-130	
Chloroethane	ug/L	50	66.5	133	52-165	
Chloroform	ug/L	50	53.6	107	80-123	
Chloromethane	ug/L	50	43.9	88	51-122	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.5	95	70-130	
Cyclohexane	ug/L	50	53.8	108	50-150	
Dibromochloromethane	ug/L	50	46.2	92	70-130	
Dichlorodifluoromethane	ug/L	50	38.9	78	25-121	
Ethylbenzene	ug/L	50	56.5	113	80-120	
Isopropylbenzene (Cumene)	ug/L	50	54.6	109	70-130	
m&p-Xylene	ug/L	100	109	109	70-130	
Methyl-tert-butyl ether	ug/L	50	56.3	113	70-130	
Methylcyclohexane	ug/L	50	50.5	101	50-150	
Methylene Chloride	ug/L	50	58.8	118	70-130	
o-Xylene	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	50.5	101	70-130	
Tetrachloroethene	ug/L	50	48.5	97	70-130	
Toluene	ug/L	50	53.1	106	80-120	
trans-1,2-Dichloroethene	ug/L	50	59.8	120	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.0	94	70-130	
Trichloroethene	ug/L	50	51.4	103	70-130	
Trichlorofluoromethane	ug/L	50	54.7	109	65-160	
Vinyl chloride	ug/L	50	48.9	98	63-134	
1,2-Dichlorobenzene-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			107	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509362 2509363

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40257294002 Result	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.5	50.2	101	100	70-134	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	47.1	49.2	94	98	61-135	4	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.2	50.8	100	102	70-130	1	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	53.7	53.7	107	107	70-130	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	60.4	60.9	121	122	71-130	1	20		

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Parameter	Units	2509362		2509363		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40257294002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	40.1	41.2	80	82	68-131	3	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	42.4	41.8	85	84	51-141	2	20		
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	46.7	47.5	93	95	70-130	2	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	46.9	47.5	94	95	70-130	1	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	60.1	58.4	120	117	70-137	3	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	51.2	50.8	102	102	80-121	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	47.7	48.6	95	97	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	48.5	48.4	97	97	70-130	0	20		
Benzene	ug/L	<0.30	50	50	50.3	51.0	101	102	70-130	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	49.1	49.6	98	99	70-130	1	20		
Bromoform	ug/L	<3.8	50	50	43.9	45.8	88	92	70-133	4	20		
Bromomethane	ug/L	<1.2	50	50	55.2	55.5	110	111	21-149	1	22		
Carbon tetrachloride	ug/L	<0.37	50	50	49.6	48.7	99	97	80-146	2	20		
Chlorobenzene	ug/L	<0.86	50	50	51.2	51.0	102	102	70-130	0	20		
Chloroethane	ug/L	<1.4	50	50	51.9	57.9	104	116	52-165	11	20		
Chloroform	ug/L	<1.2	50	50	52.7	51.6	105	103	80-123	2	20		
Chloromethane	ug/L	<1.6	50	50	43.7	43.4	87	87	42-125	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	48.1	47.9	96	96	70-130	0	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	47.4	46.7	95	93	70-130	1	20		
Cyclohexane	ug/L	<1.3	50	50	51.7	52.8	103	106	50-150	2	20		
Dibromochloromethane	ug/L	<2.6	50	50	46.5	47.0	93	94	70-130	1	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	36.8	36.2	74	72	25-121	2	20		
Ethylbenzene	ug/L	<0.33	50	50	55.5	55.2	111	110	80-121	0	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	53.2	52.7	106	105	70-130	1	20		
m&p-Xylene	ug/L	<0.70	100	100	109	108	109	108	70-130	1	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	56.2	58.2	112	116	70-130	3	20		
Methylcyclohexane	ug/L	<1.2	50	50	47.3	47.8	95	96	50-150	1	20		
Methylene Chloride	ug/L	<0.32	50	50	58.5	58.3	117	117	70-130	0	20		
o-Xylene	ug/L	<0.35	50	50	53.1	52.8	106	106	70-130	0	20		
Styrene	ug/L	<0.36	50	50	50.9	50.5	102	101	70-132	1	20		
Tetrachloroethene	ug/L	<0.41	50	50	48.0	47.1	96	94	70-130	2	20		
Toluene	ug/L	<0.29	50	50	51.7	52.3	103	105	80-120	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	57.9	58.4	116	117	70-130	1	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	46.9	46.9	94	94	70-130	0	20		
Trichloroethene	ug/L	<0.32	50	50	49.4	49.2	99	98	70-130	0	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	54.7	53.7	109	107	65-160	2	20		
Vinyl chloride	ug/L	<0.17	50	50	47.7	48.1	95	96	60-137	1	20		
1,2-Dichlorobenzene-d4 (S)	%						96	96	70-130				
4-Bromofluorobenzene (S)	%						97	98	70-130				
Toluene-d8 (S)	%						107	107	70-130				

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch: 436234 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK: 2508911 Matrix: Water
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	01/24/23 14:28	

LABORATORY CONTROL SAMPLE: 2508912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	20.2	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2508913 2508914

Parameter	Units	40257257010 Result	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Sulfate	mg/L	<10.0	100	100	124	115	124	115	115	90-110	7	15	M0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2508915 2508916

Parameter	Units	40257351002 Result	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec						
Sulfate	mg/L	61.5	400	400	496	489	109	107	107	90-110	1	15		

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: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch: 436488 Analysis Method: EPA 310.2
QC Batch Method: EPA 310.2 Analysis Description: 310.2 Alkalinity
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK: 2509904 Matrix: Water
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<7.4	25.0	01/26/23 13:14	

LABORATORY CONTROL SAMPLE: 2509905

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	100	95.4	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509906 2509907

Parameter	Units	40257341013		2509906		2509907		% Rec Limits	RPD	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					MSD % Rec
Alkalinity, Total as CaCO3	mg/L	548	200	200	765	755	108	103	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2509908 2509909

Parameter	Units	40257467003		2509908		2509909		% Rec Limits	RPD	Max RPD	Qual	
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec					MSD % Rec
Alkalinity, Total as CaCO3	mg/L	490	200	200	731	691	121	100	90-110	6	20 M0	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

QC Batch: 436754 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

METHOD BLANK: 2511600 Matrix: Water
Associated Lab Samples: 40257341008, 40257341009, 40257341010, 40257341011, 40257341012, 40257341013, 40257341025, 40257341026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	01/30/23 12:36	

LABORATORY CONTROL SAMPLE: 2511601

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511602 2511603

Parameter	Units	40257341026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.5	2.5	100	99	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2511604 2511605

Parameter	Units	40257533003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	5.2	2.5	2.5	7.5	7.6	93	96	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B0 Analyte was detected in an associated blank at a concentration greater than the MDL.

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ENB LINE 13 MP312 VALVE SITE
Pace Project No.: 40257341

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257341008	MW-02-25	RSK-175	758517		
40257341009	MW-17-20	RSK-175	758517		
40257341010	MW-06-32	RSK-175	758517		
40257341011	MW-10-32	RSK-175	758517		
40257341012	MW-01-32	RSK-175	758517		
40257341013	MW-101-32	RSK-175	758517		
40257341025	MW-14-31	RSK-175	758517		
40257341026	MW-114-31	RSK-175	758517		
40257341008	MW-02-25	RSK-175	758548		
40257341009	MW-17-20	RSK-175	758548		
40257341010	MW-06-32	RSK-175	758548		
40257341011	MW-10-32	RSK-175	758548		
40257341012	MW-01-32	RSK-175	758548		
40257341013	MW-101-32	RSK-175	758548		
40257341025	MW-14-31	RSK-175	758548		
40257341026	MW-114-31	RSK-175	758548		
40257341008	MW-02-25	EPA 3010A	436231	EPA 6010D	436306
40257341009	MW-17-20	EPA 3010A	436231	EPA 6010D	436306
40257341010	MW-06-32	EPA 3010A	436231	EPA 6010D	436306
40257341011	MW-10-32	EPA 3010A	436231	EPA 6010D	436306
40257341012	MW-01-32	EPA 3010A	436231	EPA 6010D	436306
40257341013	MW-101-32	EPA 3010A	436231	EPA 6010D	436306
40257341025	MW-14-31	EPA 3010A	436231	EPA 6010D	436306
40257341026	MW-114-31	EPA 3010A	436231	EPA 6010D	436306
40257341008	MW-02-25	EPA 6010D	436295		
40257341009	MW-17-20	EPA 6010D	436295		
40257341010	MW-06-32	EPA 6010D	436295		
40257341011	MW-10-32	EPA 6010D	436295		
40257341012	MW-01-32	EPA 6010D	436295		
40257341013	MW-101-32	EPA 6010D	436295		
40257341025	MW-14-31	EPA 6010D	436295		
40257341026	MW-114-31	EPA 6010D	436295		
40257341001	MW-13-33	EPA 8260	436251		
40257341002	MW-15-32	EPA 8260	436251		
40257341003	MW-09-60	EPA 8260	436251		
40257341004	MW-04-29	EPA 8260	436251		
40257341005	MW-03-25	EPA 8260	436251		
40257341006	MW-02-55	EPA 8260	436251		
40257341007	MW-11-32	EPA 8260	436251		
40257341008	MW-02-25	EPA 8260	436251		
40257341009	MW-17-20	EPA 8260	436251		
40257341010	MW-06-32	EPA 8260	436251		
40257341011	MW-10-32	EPA 8260	436251		
40257341012	MW-01-32	EPA 8260	436251		
40257341013	MW-101-32	EPA 8260	436251		
40257341014	MW-9-33	EPA 8260	436251		
40257341015	MW-7-32	EPA 8260	436251		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ENB LINE 13 MP312 VALVE SITE

Pace Project No.: 40257341

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40257341016	MW-7-60	EPA 8260	436251		
40257341017	MW-06-100	EPA 8260	436251		
40257341018	MW-06-60	EPA 8260	436251		
40257341019	MW-05-60	EPA 8260	436251		
40257341020	MW-05-30	EPA 8260	436251		
40257341021	MW-12-31	EPA 8260	436360		
40257341022	MW-16-29	EPA 8260	436360		
40257341023	MW-18-31	EPA 8260	436360		
40257341024	MW-118-31	EPA 8260	436360		
40257341025	MW-14-31	EPA 8260	436360		
40257341026	MW-114-31	EPA 8260	436360		
40257341027	MW-08-27	EPA 8260	436360		
40257341028	MW-01-63	EPA 8260	436360		
40257341029	EB011923A	EPA 8260	436360		
40257341030	EB011923B	EPA 8260	436360		
40257341031	TB011923	EPA 8260	436360		
40257341008	MW-02-25	EPA 300.0	436234		
40257341009	MW-17-20	EPA 300.0	436234		
40257341010	MW-06-32	EPA 300.0	436234		
40257341011	MW-10-32	EPA 300.0	436234		
40257341012	MW-01-32	EPA 300.0	436234		
40257341013	MW-101-32	EPA 300.0	436234		
40257341025	MW-14-31	EPA 300.0	436234		
40257341026	MW-114-31	EPA 300.0	436234		
40257341008	MW-02-25	EPA 310.2	436488		
40257341009	MW-17-20	EPA 310.2	436488		
40257341010	MW-06-32	EPA 310.2	436488		
40257341011	MW-10-32	EPA 310.2	436488		
40257341012	MW-01-32	EPA 310.2	436488		
40257341013	MW-101-32	EPA 310.2	436488		
40257341025	MW-14-31	EPA 310.2	436488		
40257341026	MW-114-31	EPA 310.2	436488		
40257341008	MW-02-25	EPA 353.2	436754		
40257341009	MW-17-20	EPA 353.2	436754		
40257341010	MW-06-32	EPA 353.2	436754		
40257341011	MW-10-32	EPA 353.2	436754		
40257341012	MW-01-32	EPA 353.2	436754		
40257341013	MW-101-32	EPA 353.2	436754		
40257341025	MW-14-31	EPA 353.2	436754		
40257341026	MW-114-31	EPA 353.2	436754		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical
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

41257341

Company: **WSP USA - Madison**
 Address: **5957 McKee Rd**
 Report To: **Tim Huff, Cal Johnson**
 Copy To: **Cal.Johnson@WSP.com**

Billing Information: **WSP USA, Inc.**
 Email To: **Tim.Huff@WSP.com**
 Site Collection Info/Address:
 Customer Project Name/Number: **EUB Line 13 MP312 Valve site**
 State: **WI** County/City: **Fort Atkinson** Time Zone Collected: [] PT [] MT [] CT [] ET
 Phone: **(571) 217-6759** Site/Facility ID #:
 Email: **tim.huff@WSP.com** Compliance Monitoring? [] Yes No
 Collected By (print): **Alex Williams, Cal Johnson, Julie** Purchase Order #:
 Quote #:
 Collected By (signature): **Chris Huff** Turnaround Date Required: **AS 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:

ALL SHADED AREAS are for LAB USE ONLY

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

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-13-33	GW	Grab	1/18/23	1200				3
MW-15-32				1345				X
MW-09-60				1555				X
MW-04-29				1420				X
MW-03-25				1345				X
MW-02-55				1250				X
MW-11-32				1255				X
MW-02-25				1100				13 X
MW-17-20				1600				13 X
MW-06-32				1135				13 X

VOC's WI list 2260
 Alkalinity & Sulfate
 Total Fe/MN
 Diss. Fe/MN
 CO₂ by RSK 175
 Methanol Ethanol & Ethene 175
 Nitrate & Nitrite by 353.2

Customer Remarks / Special Conditions / Possible Hazards:
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used: **①**
 Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: **2824319**
 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: _____ °C
 Cooler 1 Therm Corr. Factor: _____ °C
 Cooler 1 Corrected Temp: _____ °C

Relinquished by/Company: (Signature) **Cal Johnson WSP 1/19/23** Date/Time: **1/19/23 1645**
 Received by/Company: (Signature) _____ Date/Time: _____
 Relinquished by/Company: (Signature) **CS Log...** Date/Time: **1/20/23 0755**
 Received by/Company: (Signature) **Sam...** Date/Time: **1/20/23 0755**
 Relinquished by/Company: (Signature) _____ Date/Time: _____
 Received by/Company: (Signature) _____ Date/Time: _____

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

Comments:
 Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): Page 95 of 101
 YES / NO of: **84**



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

4025734

ALL SHADED AREAS are for LAB USE ONLY

Company:		Billing Information:	
Address:			
Report To:		Email To:	
Copy To:		Site Collection Info/Address:	
Customer Project Name/Number:		State:	County/City: Time Zone Collected:
		/	[] PT [] MT [] CT [] ET
Phone:	Site/Facility ID #:	Compliance Monitoring?	
Email:		[] Yes [] No	
Collected By (print):	Purchase Order #:	DW PWS ID #:	
	Quote #:	DW Location Code:	
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice:	
		[] Yes [] No	
Sample Disposal:	Rush:	Field Filtered (if applicable):	
[] Dispose as appropriate [] Return	[] Same Day [] Next Day	[] Yes [] No	
[] Archive: _____	[] 2 Day [] 3 Day [] 4 Day [] 5 Day	Analysis: _____	
[] Hold: _____	(Expedite Charges Apply)		

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

Analyses		Lab Profile/Line:
VOC's w/ list 8260 Alkalinity & Sulfate Total Fe/MN Diss Fe/MN CO ₂ by RSK 175 Methane, Ethane & Ethene RSK Nitrate & Nitrite by 3532		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: _____

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns
			Date	Time	Date	Time		
MW-10-32	GW	Grab	1/18/23	1345			13	X
MW-01-32			↑	1515			13	X
MW-101-32				1000			13	X
MW-9-33			1/14/23	1335			3	X
MW-7-32				1200			3	X
MW-7-60				1015			3	X
MW-06-100				1250			3	X
MW-06-60				1150			3	X
MW-05-60				1035			3	X
MW-05-30				0925			3	X

LAB USE ONLY: Lab Sample # / Comments:	
-------------------------------------------	--

Customer Remarks / Special Conditions / Possible Hazards:	Type of Ice Used: Wet Blue Dry None	SHORT HOLDS PRESENT (<72 hours): Y N N/A
	Packing Material Used:	Lab Tracking #: 2824321
	Radchem sample(s) screened (<500 cpm): Y N NA	Samples received via: FEDEX UPS Client Courier Pace Courier

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

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
OS Logistics	1/20/23 0755	Samuel	1/20/23 0755
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY	
Table #:	
Acctnum:	
Template:	
Prelogin:	
PM:	
PB:	
Trip Blank Received: Y N NA	
HCL MeOH TSP Other	
Non Conformance(s):	Page 96 of 101
YES / NO	of 34

Sample Condition Upon Receipt Form (SCUR)

Project #: _____

Client Name: WSP USA

WO#: **40257341**

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



Tracking #: _____

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

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

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR - 9 Type of Ice: Wet Blue Dry None Meltwater Only

Cooler Temperature Uncorr: 1.5 / Corr: 2.5

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

Temp should be above freezing to 6°C.

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

Person examining contents:

Date: 1/20/23 / Initials: SB

Labeled By Initials: YN

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2.	<u>pg 1 has all the info, all others are blank</u>
Chain of Custody Relinquished: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.	<u>only pg 1 relinquished</u>
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	<u>only pg 1</u>
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No - DI VOA Samples frozen upon receipt <input type="checkbox"/> Yes <input type="checkbox"/> No	5.	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: _____ 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	8.	
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.	
Correct Type: <u>Pace Green Bay</u> , Pace IR, Non-Pace		
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.	
Filtered volume received for Dissolved tests <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Sample Labels match COC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A -Includes date/time/ID/Analysis Matrix: <u>W</u>	12.	<u>009 time "1610"</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): _____		

Client Notification/ Resolution:

If checked, see attached form for additional comments

Person Contacted: _____ Date/Time: _____

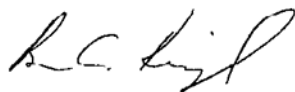
Comments/ Resolution: 010 / HCL vial received empty 1/20/23 SB

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

ENCLOSURE B – HYDROGEOLOGIST CERTIFICATION

Monitoring Well Sampling Results – Q1 2023
Enbridge Line 13 MP 312 Valve Site
Blackhawk Island Road
Fort Atkinson, Wisconsin
BRRTS Number: 02-28-586199

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



February 16, 2023

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

Date