



July 29, 2021

Karl Beaster, PG
Sr. Environmental Advisor
Enbridge Energy, Limited Partnership
11 East Superior Street, Suite 125
Duluth, MN 55802
karl.beaster@enbridge.com

**Subject: Monitoring Well Sampling Results
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 on July 8 and 9, 2021 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 Supplemental Site Investigation Work Plan, dated May 4, 2021, which was approved by the Wisconsin Department of Natural Resources (WDNR) in a letter dated May 26, 2021. This summary of results is provided to fulfill the reporting requirements of NR 716.14, Wis. Adm. Code. A thorough presentation of the sampling procedures and results will be included in the Supplemental Site Investigation Report.

WSP collected water samples from the eight existing site monitoring wells (MW-1 through MW-8) on July 8 and 9, 2021. 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 one duplicate sample collect at MW-6 (DUP070921), and one trip blank sample (TRIP BLANK), which were submitted with the monitoring well samples.

Table 1 includes historical laboratory analytical results for select compounds for the monitoring wells located at the Site. Enclosure A includes the laboratory reports for the July sampling. Five compounds (benzene, toluene, ethylbenzene, total xylenes, and trichloroethene) were detected in one or more samples at concentrations above the WDNR Enforcement Standard (ES) or Preventative Action Limit (PAL). Benzene was detected in samples collected from monitoring wells MW-1 (21,800 micrograms per liter [$\mu\text{g/l}$]), MW-5 (estimated concentration of $0.61 \mu\text{g/l}$), MW-6 ($6.8 \mu\text{g/l}$), and in the duplicate sample collected at MW-6 ($6.9 \mu\text{g/l}$). The sample collected from MW-1 also contained ethylbenzene ($188 \mu\text{g/l}$), toluene ($8,150 \mu\text{g/l}$), and total xylenes ($586 \mu\text{g/l}$). Trichloroethene was detected in both the MW-6 sample and its duplicate sample at a concentration of $1.1 \mu\text{g/l}$. Several other compounds were detected in the sample collected at MW-1, but at concentrations below ES or PAL screening levels including 1,2,4-trimethylbenzene (estimated concentration of $48.2 \mu\text{g/l}$); 1,3,5-trimethylbenzene (estimated concentration of $48.2 \mu\text{g/l}$); cyclohexane ($933 \mu\text{g/l}$); and methylcyclohexane

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(estimated concentration of 175 µg/l). No VOCs were detected above the laboratory method detection limit (MDL) in samples collected at monitoring wells MW-2, MW-3, MW-4, MW-7, and MW-8. No VOCs were detected above the laboratory MDL in the trip blank.

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,

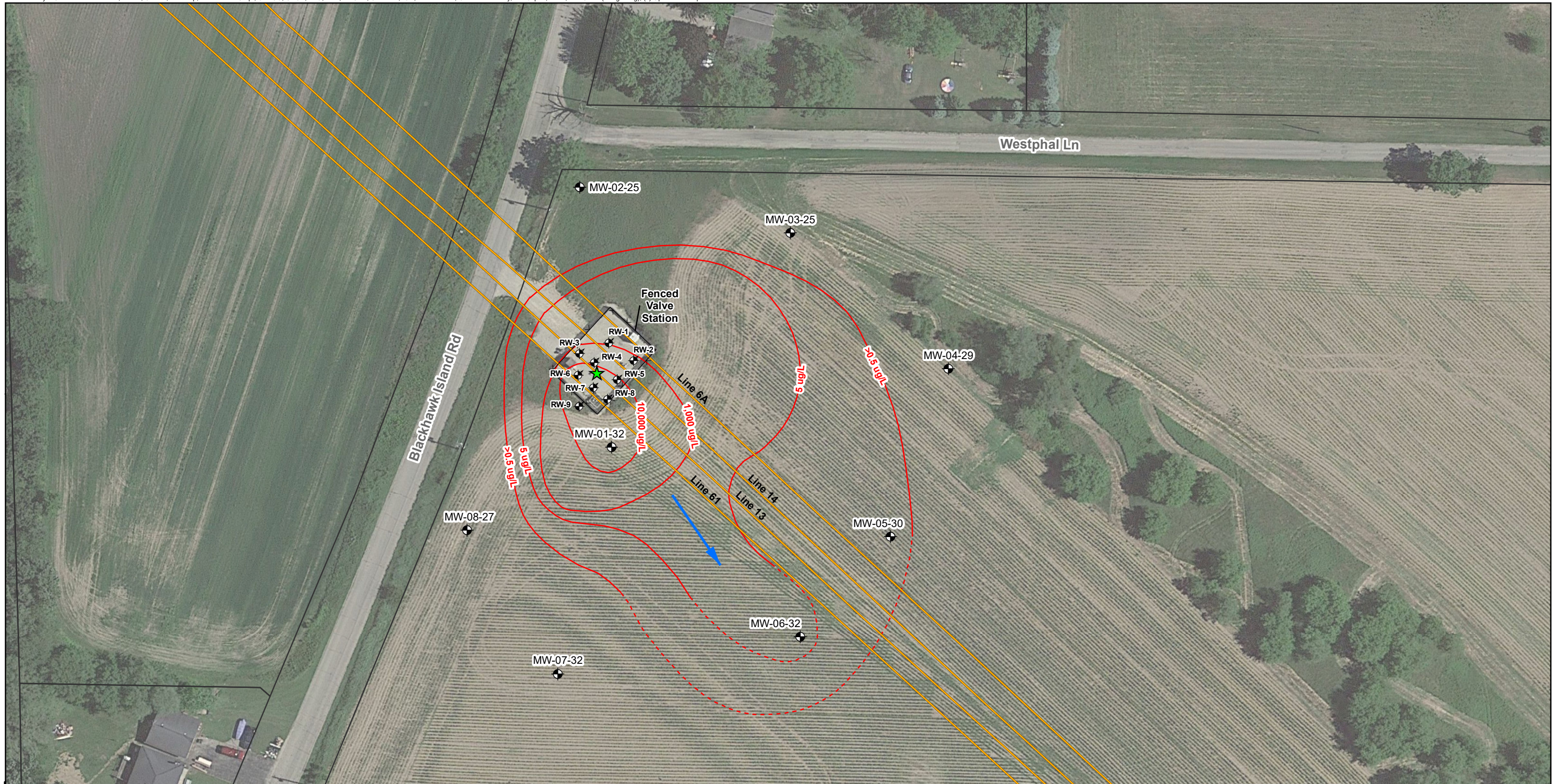
A handwritten signature in black ink, appearing to read 'Tim Huff'.

Timothy A. Huff
Senior Lead Geologist

TAH :
\\10.0.199.15\job\enbridge\ft atkinson\line 13 mp 312_work plans and reports\2021-07 mw sampling results to wdnr\2021.07.29_line13 mp312_monitoring well sampling results.docx

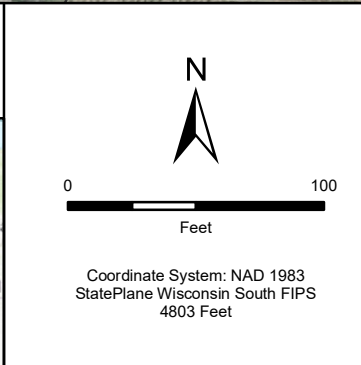
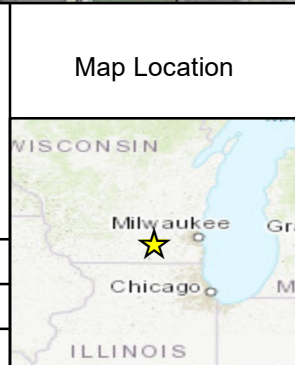
Encl.

FIGURE



ENBRIDGE

Drawn: WSP 7/22/2021
 Approved: WSP 7/22/2021
 Project #: 31401967.705



- Legend**
- Approximate Release Location
 - Remediation Well
 - Existing Monitoring Well
 - Benzene Isoconcentration Contours (ug/l) (Dashed where inferred)
 - Groundwater Flow Direction
 - Enbridge Pipeline
 - Fenced Valve Site
 - Property Parcels

Note:
 1. Benzene isoconcentration contours developed from July/Sept 2020 temporary well sampling results and July 2021 monitoring well sampling results

FIGURE 1
 SITE LAYOUT
 LINE 13 MP 312 VALVE SITE
 FORT ATKINSON, WISCONSIN
 ENBRIDGE ENERGY
 LIMITED PARTNERSHIP

TABLE

Table 1
Historical Monitoring Well Analytical Results for Select Compounds
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

Location	Sample Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, Total (µg/L)	Methyl-tert-butyl ether (µg/L)	Trichloroethene (µg/L)
	Enforcement Standard (a)	5	700	800	2,000	60	5
	Preventative Action Limit (a)	0.5	140	160	400	12	0.5
MW-1	10/09/20	23,700	222	7,650	728	<249	<51.0
	01/15/21	24,400	244	10,400	775	<249	<51.0
	04/01/21	17,600	220	9,280	758	89.9 J	<12.8
	07/08/21	21,800	188	8,150	586	<56.5	<16.0
MW-2	10/08/20	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.1	<0.32
MW-3	10/08/20	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.1	<0.32
MW-4	10/08/20	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.1	<0.32
MW-5	10/08/20	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	07/09/21	0.61 J	<0.33	<0.29	<1.05	<1.1	<0.32
MW-6	10/08/20	<0.25	<0.32	<0.27	<0.73	<1.2	1.0
	01/14/21	0.34 J	<0.32	<0.27	<0.26	<1.2	1.7
	04/01/21	3.4	<0.32	<0.27	<0.73	<1.2	0.95 J
	05/26/21	4.7	<0.33	<0.29	<1.05	<1.1	1.3
	06/24/21	6.3	<0.33	<0.29	<1.05	<1.1	1.3
	07/09/21	6.8	<0.33	<0.29	<1.05	<1.1	1.1
MW-7	10/09/20	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.1	<0.32
MW-8	10/09/20	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	01/14/21	<0.25	<0.32	<0.27	<0.26	<1.2	<0.26
	04/01/21	<0.25	<0.32	<0.27	<0.73	<1.2	<0.26
	07/08/21	<0.30	<0.33	<0.29	<1.05	<1.1	<0.32

Table 1
Historical Monitoring Well Analytical Results for Select Compounds
Line 13 MP312 Valve Site
Fort Atkinson, Wisconsin

General Notes

Shaded = Regulatory exceedance

Bold = Enforcement Standard exceedance

Italics = Preventative Action Limit exceedance

Acronyms and Abbreviations

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

J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantitation or analyte is a Tentatively Identified Compound (TIC) which does not have established quantitation or detection limits (i.e. all detections are estimated)

ug/L = Micrograms per liter.

ENCLOSURE A – LABORATORY ANALYTICAL RESULTS

July 15, 2021

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

RE: Project: 31401967.705-06.63 LN13 MP312
Pace Project No.: 40229713

Dear Timothy Huff:

Enclosed are the analytical results for sample(s) received by the laboratory on July 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures

cc: Matt Grady, WSP USA - MADISON
Brian Kimpel, WSP USA



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40229713001	MW-1	Water	07/08/21 14:10	07/10/21 08:55
40229713002	MW-2	Water	07/08/21 10:05	07/10/21 08:55
40229713003	MW-3	Water	07/08/21 13:50	07/10/21 08:55
40229713004	MW-4	Water	07/08/21 12:55	07/10/21 08:55
40229713005	MW-5	Water	07/09/21 09:50	07/10/21 08:55
40229713006	MW-6	Water	07/09/21 09:55	07/10/21 08:55
40229713007	MW-7	Water	07/08/21 16:00	07/10/21 08:55
40229713008	MW-8	Water	07/08/21 16:20	07/10/21 08:55
40229713009	DUP070921	Water	07/09/21 00:00	07/10/21 08:55
40229713010	TRIP BLANK	Water	07/08/21 00:00	07/10/21 08:55

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SAMPLE ANALYTE COUNT

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40229713001	MW-1	EPA 8260	LAP	68
40229713002	MW-2	EPA 8260	LAP	68
40229713003	MW-3	EPA 8260	LAP	68
40229713004	MW-4	EPA 8260	LAP	68
40229713005	MW-5	EPA 8260	LAP	68
40229713006	MW-6	EPA 8260	LAP	68
40229713007	MW-7	EPA 8260	LAP	68
40229713008	MW-8	EPA 8260	LAP	68
40229713009	DUP070921	EPA 8260	LAP	68
40229713010	TRIP BLANK	EPA 8260	LAP	68

PASI-G = Pace Analytical Services - Green Bay

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-1 **Lab ID: 40229713001** Collected: 07/08/21 14:10 Received: 07/10/21 08:55 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		07/14/21 12:41	630-20-6	
1,1,1-Trichloroethane	<15.1	ug/L	50.0	15.1	50		07/14/21 12:41	71-55-6	
1,1,2,2-Tetrachloroethane	<18.9	ug/L	50.0	18.9	50		07/14/21 12:41	79-34-5	
1,1,2-Trichloroethane	<17.2	ug/L	250	17.2	50		07/14/21 12:41	79-00-5	
1,1-Dichloroethane	<14.8	ug/L	50.0	14.8	50		07/14/21 12:41	75-34-3	
1,1-Dichloroethene	<29.1	ug/L	50.0	29.1	50		07/14/21 12:41	75-35-4	
1,1-Dichloropropene	<20.5	ug/L	50.0	20.5	50		07/14/21 12:41	563-58-6	
1,2,3-Trichlorobenzene	<50.9	ug/L	250	50.9	50		07/14/21 12:41	87-61-6	
1,2,3-Trichloropropane	<27.8	ug/L	250	27.8	50		07/14/21 12:41	96-18-4	
1,2,4-Trichlorobenzene	<47.5	ug/L	250	47.5	50		07/14/21 12:41	120-82-1	
1,2,4-Trimethylbenzene	48.2J	ug/L	50.0	22.4	50		07/14/21 12:41	95-63-6	
1,2-Dibromo-3-chloropropane	<118	ug/L	250	118	50		07/14/21 12:41	96-12-8	
1,2-Dibromoethane (EDB)	<15.5	ug/L	50.0	15.5	50		07/14/21 12:41	106-93-4	
1,2-Dichlorobenzene	<16.3	ug/L	50.0	16.3	50		07/14/21 12:41	95-50-1	
1,2-Dichloroethane	<14.6	ug/L	50.0	14.6	50		07/14/21 12:41	107-06-2	
1,2-Dichloropropane	<22.4	ug/L	50.0	22.4	50		07/14/21 12:41	78-87-5	
1,3,5-Trimethylbenzene	22.3J	ug/L	50.0	17.9	50		07/14/21 12:41	108-67-8	
1,3-Dichlorobenzene	<17.6	ug/L	50.0	17.6	50		07/14/21 12:41	541-73-1	
1,3-Dichloropropane	<15.2	ug/L	50.0	15.2	50		07/14/21 12:41	142-28-9	
1,4-Dichlorobenzene	<44.6	ug/L	50.0	44.6	50		07/14/21 12:41	106-46-7	
2,2-Dichloropropane	<209	ug/L	250	209	50		07/14/21 12:41	594-20-7	
2-Chlorotoluene	<44.5	ug/L	250	44.5	50		07/14/21 12:41	95-49-8	
4-Chlorotoluene	<44.7	ug/L	250	44.7	50		07/14/21 12:41	106-43-4	
Benzene	21800	ug/L	250	73.9	250		07/14/21 16:25	71-43-2	
Bromobenzene	<18.0	ug/L	50.0	18.0	50		07/14/21 12:41	108-86-1	
Bromochloromethane	<17.9	ug/L	250	17.9	50		07/14/21 12:41	74-97-5	
Bromodichloromethane	<20.8	ug/L	50.0	20.8	50		07/14/21 12:41	75-27-4	
Bromoform	<190	ug/L	250	190	50		07/14/21 12:41	75-25-2	
Bromomethane	<59.6	ug/L	250	59.6	50		07/14/21 12:41	74-83-9	
Carbon tetrachloride	<18.5	ug/L	50.0	18.5	50		07/14/21 12:41	56-23-5	
Chlorobenzene	<42.8	ug/L	50.0	42.8	50		07/14/21 12:41	108-90-7	
Chloroethane	<69.0	ug/L	250	69.0	50		07/14/21 12:41	75-00-3	
Chloroform	<59.1	ug/L	250	59.1	50		07/14/21 12:41	67-66-3	
Chloromethane	<81.8	ug/L	250	81.8	50		07/14/21 12:41	74-87-3	
Cyclohexane	933	ug/L	250	64.4	50		07/14/21 12:41	110-82-7	
Dibromochloromethane	<132	ug/L	250	132	50		07/14/21 12:41	124-48-1	
Dibromomethane	<49.5	ug/L	250	49.5	50		07/14/21 12:41	74-95-3	
Dichlorodifluoromethane	<22.8	ug/L	250	22.8	50		07/14/21 12:41	75-71-8	
Diisopropyl ether	<55.0	ug/L	250	55.0	50		07/14/21 12:41	108-20-3	
Ethylbenzene	188	ug/L	50.0	16.3	50		07/14/21 12:41	100-41-4	
Hexachloro-1,3-butadiene	<137	ug/L	250	137	50		07/14/21 12:41	87-68-3	
Isopropylbenzene (Cumene)	<50.0	ug/L	250	50.0	50		07/14/21 12:41	98-82-8	
Methyl-tert-butyl ether	<56.5	ug/L	250	56.5	50		07/14/21 12:41	1634-04-4	
Methylcyclohexane	175J	ug/L	250	59.7	50		07/14/21 12:41	108-87-2	
Methylene Chloride	<16.0	ug/L	250	16.0	50		07/14/21 12:41	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-1 **Lab ID: 40229713001** Collected: 07/08/21 14:10 Received: 07/10/21 08:55 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		07/14/21 12:41	91-20-3	
Styrene	<17.8	ug/L	50.0	17.8	50		07/14/21 12:41	100-42-5	
Tetrachloroethene	<20.4	ug/L	50.0	20.4	50		07/14/21 12:41	127-18-4	
Toluene	8150	ug/L	50.0	14.4	50		07/14/21 12:41	108-88-3	
Trichloroethene	<16.0	ug/L	50.0	16.0	50		07/14/21 12:41	79-01-6	
Trichlorofluoromethane	<20.9	ug/L	50.0	20.9	50		07/14/21 12:41	75-69-4	
Vinyl chloride	<8.7	ug/L	50.0	8.7	50		07/14/21 12:41	75-01-4	
cis-1,2-Dichloroethene	<23.6	ug/L	50.0	23.6	50		07/14/21 12:41	156-59-2	
cis-1,3-Dichloropropene	<17.9	ug/L	50.0	17.9	50		07/14/21 12:41	10061-01-5	
m&p-Xylene	324	ug/L	100	35.0	50		07/14/21 12:41	179601-23-1	
n-Butylbenzene	<42.9	ug/L	50.0	42.9	50		07/14/21 12:41	104-51-8	
n-Heptane	<81.6	ug/L	250	81.6	50		07/14/21 12:41	142-82-5	
n-Hexane	<73.1	ug/L	250	73.1	50		07/14/21 12:41	110-54-3	
n-Propylbenzene	<17.3	ug/L	50.0	17.3	50		07/14/21 12:41	103-65-1	
o-Xylene	262	ug/L	50.0	17.4	50		07/14/21 12:41	95-47-6	
p-Isopropyltoluene	<52.2	ug/L	250	52.2	50		07/14/21 12:41	99-87-6	
sec-Butylbenzene	<21.2	ug/L	50.0	21.2	50		07/14/21 12:41	135-98-8	
tert-Butylbenzene	<29.3	ug/L	50.0	29.3	50		07/14/21 12:41	98-06-6	
trans-1,2-Dichloroethene	<26.4	ug/L	50.0	26.4	50		07/14/21 12:41	156-60-5	
trans-1,3-Dichloropropene	<173	ug/L	250	173	50		07/14/21 12:41	10061-02-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		50		07/14/21 12:41	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		50		07/14/21 12:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		50		07/14/21 12:41	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-2 **Lab ID: 40229713002** Collected: 07/08/21 10:05 Received: 07/10/21 08:55 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		07/14/21 10:49	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:49	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 10:49	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 10:49	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:49	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 10:49	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 10:49	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 10:49	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 10:49	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 10:49	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 10:49	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 10:49	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 10:49	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 10:49	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 10:49	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 10:49	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:49	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:49	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:49	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 10:49	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 10:49	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 10:49	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 10:49	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/14/21 10:49	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:49	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 10:49	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 10:49	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 10:49	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 10:49	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 10:49	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 10:49	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 10:49	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 10:49	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 10:49	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 10:49	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 10:49	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 10:49	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 10:49	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 10:49	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 10:49	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 10:49	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 10:49	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 10:49	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 10:49	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 10:49	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-2 **Lab ID: 40229713002** Collected: 07/08/21 10:05 Received: 07/10/21 08:55 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		07/14/21 10:49	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:49	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 10:49	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 10:49	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 10:49	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 10:49	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 10:49	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 10:49	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:49	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 10:49	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 10:49	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 10:49	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 10:49	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:49	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:49	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 10:49	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 10:49	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 10:49	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 10:49	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 10:49	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/21 10:49	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		07/14/21 10:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		07/14/21 10:49	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-3 **Lab ID: 40229713003** Collected: 07/08/21 13:50 Received: 07/10/21 08:55 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		07/14/21 11:07	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:07	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 11:07	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 11:07	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:07	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 11:07	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 11:07	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 11:07	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 11:07	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 11:07	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 11:07	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 11:07	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 11:07	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 11:07	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 11:07	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 11:07	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:07	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:07	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:07	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 11:07	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 11:07	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 11:07	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 11:07	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/14/21 11:07	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:07	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 11:07	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 11:07	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 11:07	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 11:07	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 11:07	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 11:07	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 11:07	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 11:07	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 11:07	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 11:07	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 11:07	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 11:07	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 11:07	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 11:07	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 11:07	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 11:07	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 11:07	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 11:07	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 11:07	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 11:07	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-3 **Lab ID: 40229713003** Collected: 07/08/21 13:50 Received: 07/10/21 08:55 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		07/14/21 11:07	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:07	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 11:07	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 11:07	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 11:07	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 11:07	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 11:07	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 11:07	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:07	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 11:07	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 11:07	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 11:07	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 11:07	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:07	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:07	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 11:07	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 11:07	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 11:07	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 11:07	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 11:07	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/21 11:07	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		07/14/21 11:07	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		07/14/21 11:07	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-4 **Lab ID: 40229713004** Collected: 07/08/21 12:55 Received: 07/10/21 08:55 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		07/14/21 11:26	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:26	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 11:26	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 11:26	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:26	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 11:26	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 11:26	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 11:26	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 11:26	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 11:26	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 11:26	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 11:26	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 11:26	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 11:26	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 11:26	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 11:26	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:26	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:26	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:26	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 11:26	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 11:26	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 11:26	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 11:26	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/14/21 11:26	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:26	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 11:26	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 11:26	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 11:26	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 11:26	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 11:26	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 11:26	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 11:26	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 11:26	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 11:26	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 11:26	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 11:26	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 11:26	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 11:26	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 11:26	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 11:26	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 11:26	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 11:26	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 11:26	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 11:26	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 11:26	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-4 **Lab ID: 40229713004** Collected: 07/08/21 12:55 Received: 07/10/21 08:55 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		07/14/21 11:26	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:26	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 11:26	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 11:26	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 11:26	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 11:26	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 11:26	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 11:26	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:26	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 11:26	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 11:26	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 11:26	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 11:26	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:26	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:26	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 11:26	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 11:26	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 11:26	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 11:26	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 11:26	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/21 11:26	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130		1		07/14/21 11:26	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		07/14/21 11:26	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-5 **Lab ID: 40229713005** Collected: 07/09/21 09:50 Received: 07/10/21 08:55 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		07/14/21 09:52	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 09:52	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 09:52	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 09:52	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 09:52	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 09:52	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 09:52	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 09:52	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 09:52	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 09:52	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 09:52	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 09:52	96-12-8	R1
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 09:52	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 09:52	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 09:52	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 09:52	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:52	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 09:52	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 09:52	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 09:52	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 09:52	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 09:52	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 09:52	106-43-4	
Benzene	0.61J	ug/L	1.0	0.30	1		07/14/21 09:52	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:52	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 09:52	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 09:52	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 09:52	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 09:52	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 09:52	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 09:52	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 09:52	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 09:52	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 09:52	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 09:52	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 09:52	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 09:52	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 09:52	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 09:52	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 09:52	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 09:52	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 09:52	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 09:52	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 09:52	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 09:52	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-5 **Lab ID: 40229713005** Collected: 07/09/21 09:50 Received: 07/10/21 08:55 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		07/14/21 09:52	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:52	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 09:52	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 09:52	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 09:52	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 09:52	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 09:52	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 09:52	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:52	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 09:52	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 09:52	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 09:52	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 09:52	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 09:52	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 09:52	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 09:52	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 09:52	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 09:52	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 09:52	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 09:52	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/14/21 09:52	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/14/21 09:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/14/21 09:52	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-6 **Lab ID: 40229713006** Collected: 07/09/21 09:55 Received: 07/10/21 08:55 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		07/14/21 10:11	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 10:11	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 10:11	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:11	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 10:11	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 10:11	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 10:11	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 10:11	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 10:11	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 10:11	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 10:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 10:11	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 10:11	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 10:11	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 10:11	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:11	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:11	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:11	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 10:11	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 10:11	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 10:11	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 10:11	106-43-4	
Benzene	6.8	ug/L	1.0	0.30	1		07/14/21 10:11	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:11	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 10:11	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 10:11	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 10:11	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 10:11	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 10:11	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 10:11	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 10:11	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 10:11	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 10:11	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 10:11	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 10:11	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 10:11	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 10:11	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 10:11	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 10:11	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 10:11	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 10:11	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 10:11	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 10:11	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 10:11	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-6 **Lab ID: 40229713006** Collected: 07/09/21 09:55 Received: 07/10/21 08:55 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		07/14/21 10:11	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:11	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 10:11	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 10:11	108-88-3	
Trichloroethene	1.1	ug/L	1.0	0.32	1		07/14/21 10:11	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 10:11	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 10:11	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 10:11	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:11	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 10:11	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 10:11	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 10:11	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 10:11	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:11	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:11	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 10:11	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 10:11	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 10:11	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 10:11	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 10:11	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/14/21 10:11	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		07/14/21 10:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/14/21 10:11	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-7 **Lab ID: 40229713007** Collected: 07/08/21 16:00 Received: 07/10/21 08:55 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		07/14/21 11:45	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 11:45	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 11:45	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:45	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 11:45	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 11:45	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 11:45	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 11:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 11:45	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 11:45	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 11:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 11:45	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 11:45	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 11:45	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 11:45	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:45	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:45	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 11:45	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 11:45	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 11:45	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 11:45	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 11:45	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/14/21 11:45	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 11:45	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 11:45	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 11:45	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 11:45	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 11:45	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 11:45	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 11:45	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 11:45	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 11:45	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 11:45	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 11:45	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 11:45	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 11:45	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 11:45	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 11:45	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 11:45	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 11:45	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 11:45	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 11:45	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 11:45	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-7 **Lab ID: 40229713007** Collected: 07/08/21 16:00 Received: 07/10/21 08:55 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		07/14/21 11:45	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:45	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 11:45	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 11:45	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 11:45	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 11:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 11:45	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 11:45	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 11:45	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 11:45	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 11:45	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 11:45	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 11:45	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:45	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 11:45	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 11:45	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 11:45	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 11:45	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 11:45	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 11:45	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/21 11:45	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130		1		07/14/21 11:45	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/14/21 11:45	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-8 **Lab ID: 40229713008** Collected: 07/08/21 16:20 Received: 07/10/21 08:55 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		07/14/21 12:03	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 12:03	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 12:03	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 12:03	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 12:03	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 12:03	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 12:03	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 12:03	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 12:03	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 12:03	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 12:03	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 12:03	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 12:03	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 12:03	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 12:03	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 12:03	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 12:03	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 12:03	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 12:03	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 12:03	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 12:03	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 12:03	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 12:03	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/14/21 12:03	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 12:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 12:03	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 12:03	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 12:03	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 12:03	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 12:03	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 12:03	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 12:03	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 12:03	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 12:03	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 12:03	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 12:03	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 12:03	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 12:03	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 12:03	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 12:03	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 12:03	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 12:03	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 12:03	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 12:03	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 12:03	75-09-2	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: MW-8 **Lab ID: 40229713008** Collected: 07/08/21 16:20 Received: 07/10/21 08:55 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		07/14/21 12:03	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 12:03	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 12:03	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 12:03	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 12:03	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 12:03	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 12:03	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 12:03	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 12:03	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 12:03	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 12:03	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 12:03	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 12:03	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 12:03	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 12:03	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 12:03	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 12:03	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 12:03	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 12:03	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 12:03	10061-02-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1		07/14/21 12:03	2037-26-5	
4-Bromofluorobenzene (S)	110	%	70-130		1		07/14/21 12:03	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/14/21 12:03	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: DUP070921 **Lab ID: 40229713009** Collected: 07/09/21 00:00 Received: 07/10/21 08:55 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		07/14/21 10:30	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:30	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 10:30	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 10:30	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:30	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 10:30	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 10:30	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 10:30	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 10:30	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 10:30	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 10:30	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 10:30	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 10:30	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 10:30	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 10:30	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 10:30	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:30	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:30	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 10:30	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 10:30	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 10:30	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 10:30	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 10:30	106-43-4	
Benzene	6.9	ug/L	1.0	0.30	1		07/14/21 10:30	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:30	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 10:30	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 10:30	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 10:30	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 10:30	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 10:30	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 10:30	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 10:30	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 10:30	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 10:30	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 10:30	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 10:30	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 10:30	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 10:30	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 10:30	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 10:30	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 10:30	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 10:30	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 10:30	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 10:30	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 10:30	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312
Pace Project No.: 40229713

Sample: DUP070921 **Lab ID: 40229713009** Collected: 07/09/21 00:00 Received: 07/10/21 08:55 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		07/14/21 10:30	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:30	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 10:30	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 10:30	108-88-3	
Trichloroethene	1.1	ug/L	1.0	0.32	1		07/14/21 10:30	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 10:30	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 10:30	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 10:30	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 10:30	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 10:30	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 10:30	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 10:30	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 10:30	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:30	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 10:30	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 10:30	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 10:30	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 10:30	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 10:30	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 10:30	10061-02-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		07/14/21 10:30	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130		1		07/14/21 10:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/14/21 10:30	2199-69-1	

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Sample: TRIP BLANK **Lab ID: 40229713010** Collected: 07/08/21 00:00 Received: 07/10/21 08:55 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		07/14/21 09:34	630-20-6	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 09:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		07/14/21 09:34	79-34-5	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		07/14/21 09:34	79-00-5	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		07/14/21 09:34	75-34-3	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		07/14/21 09:34	75-35-4	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		07/14/21 09:34	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		07/14/21 09:34	87-61-6	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		07/14/21 09:34	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		07/14/21 09:34	120-82-1	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		07/14/21 09:34	95-63-6	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		07/14/21 09:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		07/14/21 09:34	106-93-4	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 09:34	95-50-1	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		07/14/21 09:34	107-06-2	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		07/14/21 09:34	78-87-5	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:34	108-67-8	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 09:34	541-73-1	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		07/14/21 09:34	142-28-9	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		07/14/21 09:34	106-46-7	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		07/14/21 09:34	594-20-7	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 09:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		07/14/21 09:34	106-43-4	
Benzene	<0.30	ug/L	1.0	0.30	1		07/14/21 09:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		07/14/21 09:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 09:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		07/14/21 09:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		07/14/21 09:34	74-83-9	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		07/14/21 09:34	56-23-5	
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 09:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		07/14/21 09:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		07/14/21 09:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		07/14/21 09:34	74-87-3	
Cyclohexane	<1.3	ug/L	5.0	1.3	1		07/14/21 09:34	110-82-7	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		07/14/21 09:34	124-48-1	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		07/14/21 09:34	74-95-3	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		07/14/21 09:34	75-71-8	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 09:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		07/14/21 09:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		07/14/21 09:34	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		07/14/21 09:34	98-82-8	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		07/14/21 09:34	1634-04-4	
Methylcyclohexane	<1.2	ug/L	5.0	1.2	1		07/14/21 09:34	108-87-2	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		07/14/21 09:34	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 31401967.705-06.63 LN13 MP312
Pace Project No.: 40229713

Sample: TRIP BLANK **Lab ID: 40229713010** Collected: 07/08/21 00:00 Received: 07/10/21 08:55 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		07/14/21 09:34	91-20-3	
Styrene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:34	100-42-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		07/14/21 09:34	127-18-4	
Toluene	<0.29	ug/L	1.0	0.29	1		07/14/21 09:34	108-88-3	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		07/14/21 09:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		07/14/21 09:34	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		07/14/21 09:34	75-01-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		07/14/21 09:34	156-59-2	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		07/14/21 09:34	10061-01-5	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		07/14/21 09:34	179601-23-1	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		07/14/21 09:34	104-51-8	
n-Heptane	<1.6	ug/L	5.0	1.6	1		07/14/21 09:34	142-82-5	
n-Hexane	<1.5	ug/L	5.0	1.5	1		07/14/21 09:34	110-54-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		07/14/21 09:34	103-65-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		07/14/21 09:34	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		07/14/21 09:34	99-87-6	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		07/14/21 09:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		07/14/21 09:34	98-06-6	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		07/14/21 09:34	156-60-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		07/14/21 09:34	10061-02-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		07/14/21 09:34	2037-26-5	
4-Bromofluorobenzene (S)	111	%	70-130		1		07/14/21 09:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		07/14/21 09:34	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

QC Batch: 390217

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV Oxygenates

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40229713001, 40229713002, 40229713003, 40229713004, 40229713005, 40229713006, 40229713007, 40229713008, 40229713009, 40229713010

METHOD BLANK: 2250319

Matrix: Water

Associated Lab Samples: 40229713001, 40229713002, 40229713003, 40229713004, 40229713005, 40229713006, 40229713007, 40229713008, 40229713009, 40229713010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	07/14/21 08:00	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	07/14/21 08:00	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	07/14/21 08:00	
1,1,2-Trichloroethane	ug/L	<0.34	5.0	07/14/21 08:00	
1,1-Dichloroethane	ug/L	<0.30	1.0	07/14/21 08:00	
1,1-Dichloroethene	ug/L	<0.58	1.0	07/14/21 08:00	
1,1-Dichloropropene	ug/L	<0.41	1.0	07/14/21 08:00	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	07/14/21 08:00	
1,2,3-Trichloropropane	ug/L	<0.56	5.0	07/14/21 08:00	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	07/14/21 08:00	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	07/14/21 08:00	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	07/14/21 08:00	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	07/14/21 08:00	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	07/14/21 08:00	
1,2-Dichloroethane	ug/L	<0.29	1.0	07/14/21 08:00	
1,2-Dichloropropane	ug/L	<0.45	1.0	07/14/21 08:00	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	07/14/21 08:00	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	07/14/21 08:00	
1,3-Dichloropropane	ug/L	<0.30	1.0	07/14/21 08:00	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	07/14/21 08:00	
2,2-Dichloropropane	ug/L	<4.2	5.0	07/14/21 08:00	
2-Chlorotoluene	ug/L	<0.89	5.0	07/14/21 08:00	
4-Chlorotoluene	ug/L	<0.89	5.0	07/14/21 08:00	
Benzene	ug/L	<0.30	1.0	07/14/21 08:00	
Bromobenzene	ug/L	<0.36	1.0	07/14/21 08:00	
Bromochloromethane	ug/L	<0.36	5.0	07/14/21 08:00	
Bromodichloromethane	ug/L	<0.42	1.0	07/14/21 08:00	
Bromoform	ug/L	<3.8	5.0	07/14/21 08:00	
Bromomethane	ug/L	<1.2	5.0	07/14/21 08:00	
Carbon tetrachloride	ug/L	<0.37	1.0	07/14/21 08:00	
Chlorobenzene	ug/L	<0.86	1.0	07/14/21 08:00	
Chloroethane	ug/L	<1.4	5.0	07/14/21 08:00	
Chloroform	ug/L	<1.2	5.0	07/14/21 08:00	
Chloromethane	ug/L	<1.6	5.0	07/14/21 08:00	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	07/14/21 08:00	
cis-1,3-Dichloropropene	ug/L	<0.36	1.0	07/14/21 08:00	
Cyclohexane	ug/L	<1.3	5.0	07/14/21 08:00	
Dibromochloromethane	ug/L	<2.6	5.0	07/14/21 08:00	
Dibromomethane	ug/L	<0.99	5.0	07/14/21 08:00	

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.

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QUALITY CONTROL DATA

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

METHOD BLANK: 2250319

Matrix: Water

Associated Lab Samples: 40229713001, 40229713002, 40229713003, 40229713004, 40229713005, 40229713006, 40229713007, 40229713008, 40229713009, 40229713010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.46	5.0	07/14/21 08:00	
Diisopropyl ether	ug/L	<1.1	5.0	07/14/21 08:00	
Ethylbenzene	ug/L	<0.33	1.0	07/14/21 08:00	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	07/14/21 08:00	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	07/14/21 08:00	
m&p-Xylene	ug/L	<0.70	2.0	07/14/21 08:00	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	07/14/21 08:00	
Methylcyclohexane	ug/L	<1.2	5.0	07/14/21 08:00	
Methylene Chloride	ug/L	<0.32	5.0	07/14/21 08:00	
n-Butylbenzene	ug/L	<0.86	1.0	07/14/21 08:00	
n-Heptane	ug/L	<1.6	5.0	07/14/21 08:00	
n-Hexane	ug/L	<1.5	5.0	07/14/21 08:00	
n-Propylbenzene	ug/L	<0.35	1.0	07/14/21 08:00	
Naphthalene	ug/L	<1.1	5.0	07/14/21 08:00	
o-Xylene	ug/L	<0.35	1.0	07/14/21 08:00	
p-Isopropyltoluene	ug/L	<1.0	5.0	07/14/21 08:00	
sec-Butylbenzene	ug/L	<0.42	1.0	07/14/21 08:00	
Styrene	ug/L	<0.36	1.0	07/14/21 08:00	
tert-Butylbenzene	ug/L	<0.59	1.0	07/14/21 08:00	
Tetrachloroethane	ug/L	<0.41	1.0	07/14/21 08:00	
Toluene	ug/L	<0.29	1.0	07/14/21 08:00	
trans-1,2-Dichloroethane	ug/L	<0.53	1.0	07/14/21 08:00	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	07/14/21 08:00	
Trichloroethene	ug/L	<0.32	1.0	07/14/21 08:00	
Trichlorofluoromethane	ug/L	<0.42	1.0	07/14/21 08:00	
Vinyl chloride	ug/L	<0.17	1.0	07/14/21 08:00	
1,2-Dichlorobenzene-d4 (S)	%	104	70-130	07/14/21 08:00	
4-Bromofluorobenzene (S)	%	111	70-130	07/14/21 08:00	
Toluene-d8 (S)	%	106	70-130	07/14/21 08:00	

LABORATORY CONTROL SAMPLE: 2250320

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1,1,2-Tetrachloroethane	ug/L	50	49.1	98	66-130	
1,1,2-Trichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethane	ug/L	50	51.9	104	68-132	
1,1-Dichloroethene	ug/L	50	53.6	107	85-126	
1,2,4-Trichlorobenzene	ug/L	50	45.2	90	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.1	88	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	46.0	92	70-130	
1,2-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,2-Dichloroethane	ug/L	50	47.9	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

LABORATORY CONTROL SAMPLE: 2250320

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	50.8	102	78-125	
1,3-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,4-Dichlorobenzene	ug/L	50	47.9	96	70-130	
Benzene	ug/L	50	51.3	103	70-132	
Bromodichloromethane	ug/L	50	48.0	96	70-130	
Bromoform	ug/L	50	40.9	82	65-130	
Bromomethane	ug/L	50	50.6	101	44-128	
Carbon tetrachloride	ug/L	50	49.2	98	70-130	
Chlorobenzene	ug/L	50	49.0	98	70-130	
Chloroethane	ug/L	50	59.8	120	73-137	
Chloroform	ug/L	50	49.7	99	80-122	
Chloromethane	ug/L	50	49.2	98	27-148	
cis-1,2-Dichloroethene	ug/L	50	45.5	91	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.6	91	70-130	
Cyclohexane	ug/L	50	55.2	110	50-150	
Dibromochloromethane	ug/L	50	44.8	90	70-130	
Dichlorodifluoromethane	ug/L	50	49.4	99	22-151	
Ethylbenzene	ug/L	50	52.4	105	80-123	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	70-130	
m&p-Xylene	ug/L	100	98.6	99	70-130	
Methyl-tert-butyl ether	ug/L	50	41.8	84	66-130	
Methylcyclohexane	ug/L	50	54.6	109	50-150	
Methylene Chloride	ug/L	50	47.7	95	70-130	
o-Xylene	ug/L	50	49.2	98	70-130	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	52.1	104	80-121	
trans-1,2-Dichloroethene	ug/L	50	48.1	96	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.3	91	58-125	
Trichloroethene	ug/L	50	51.1	102	70-130	
Trichlorofluoromethane	ug/L	50	58.4	117	84-148	
Vinyl chloride	ug/L	50	59.1	118	63-142	
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			115	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2250321 2250322

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40229713005 Result	Spike Conc.	Spike Conc.	MSD Result								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50.3	50.7	101	101	70-130	1	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	53.3	56.8	107	114	66-130	6	20		
1,1,2-Trichloroethane	ug/L	<0.34	50	50	53.7	51.9	107	104	70-130	3	20		
1,1-Dichloroethane	ug/L	<0.30	50	50	56.5	56.6	113	113	68-132	0	20		
1,1-Dichloroethene	ug/L	<0.58	50	50	44.0	45.0	88	90	76-132	2	20		

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QUALITY CONTROL DATA

Project: 31401967.705-06.63 LN13 MP312
Pace Project No.: 40229713

Parameter	Units	2250321		2250322		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40229713005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	48.9	54.9	98	110	70-130	12	20		
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	44.4	55.5	89	111	51-126	22	20	R1	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.4	49.1	103	98	70-130	5	20		
1,2-Dichlorobenzene	ug/L	<0.33	50	50	51.5	52.5	103	105	70-130	2	20		
1,2-Dichloroethane	ug/L	<0.29	50	50	52.3	51.2	105	102	70-130	2	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	54.6	53.9	109	108	77-125	1	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	51.6	52.7	103	105	70-130	2	20		
1,4-Dichlorobenzene	ug/L	<0.89	50	50	51.9	53.0	104	106	70-130	2	20		
Benzene	ug/L	0.61J	50	50	55.3	54.5	109	108	70-132	1	20		
Bromodichloromethane	ug/L	<0.42	50	50	50.5	50.0	101	100	70-130	1	20		
Bromoform	ug/L	<3.8	50	50	45.1	45.8	90	92	65-130	1	20		
Bromomethane	ug/L	<1.2	50	50	34.3	32.7	69	65	44-128	5	21		
Carbon tetrachloride	ug/L	<0.37	50	50	50.5	50.9	101	102	70-132	1	20		
Chlorobenzene	ug/L	<0.86	50	50	54.0	51.8	108	104	70-130	4	20		
Chloroethane	ug/L	<1.4	50	50	48.4	47.8	97	96	70-137	1	20		
Chloroform	ug/L	<1.2	50	50	53.6	52.4	107	105	80-122	2	20		
Chloromethane	ug/L	<1.6	50	50	46.9	46.3	94	93	17-149	1	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	50.3	49.1	101	98	70-130	2	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	48.7	48.0	97	96	70-130	2	20		
Cyclohexane	ug/L	<1.3	50	50	55.3	57.2	111	114	50-150	3	20		
Dibromochloromethane	ug/L	<2.6	50	50	49.1	48.3	98	97	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	41.4	42.2	83	84	22-158	2	20		
Ethylbenzene	ug/L	<0.33	50	50	55.4	53.3	111	107	80-123	4	20		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	54.7	53.1	109	106	70-130	3	20		
m&p-Xylene	ug/L	<0.70	100	100	106	103	106	103	70-130	3	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	45.6	45.3	91	91	66-130	0	20		
Methylcyclohexane	ug/L	<1.2	50	50	51.5	54.5	103	109	50-150	6	20		
Methylene Chloride	ug/L	<0.32	50	50	53.7	52.7	107	105	70-130	2	20		
o-Xylene	ug/L	<0.35	50	50	50.8	49.7	102	99	70-130	2	20		
Styrene	ug/L	<0.36	50	50	47.9	46.3	96	93	70-130	4	20		
Tetrachloroethene	ug/L	<0.41	50	50	54.6	53.7	109	107	70-130	2	20		
Toluene	ug/L	<0.29	50	50	55.9	53.8	112	108	80-121	4	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	53.2	52.0	106	104	70-134	2	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	49.6	49.0	99	98	58-130	1	20		
Trichloroethene	ug/L	<0.32	50	50	50.7	51.8	101	104	70-130	2	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	44.1	45.3	88	91	82-151	3	20		
Vinyl chloride	ug/L	<0.17	50	50	49.5	49.2	99	98	61-143	0	20		
1,2-Dichlorobenzene-d4 (S)	%						103	104	70-130				
4-Bromofluorobenzene (S)	%						110	113	70-130				
Toluene-d8 (S)	%						105	104	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

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

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 31401967.705-06.63 LN13 MP312

Pace Project No.: 40229713

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40229713001	MW-1	EPA 8260	390217		
40229713002	MW-2	EPA 8260	390217		
40229713003	MW-3	EPA 8260	390217		
40229713004	MW-4	EPA 8260	390217		
40229713005	MW-5	EPA 8260	390217		
40229713006	MW-6	EPA 8260	390217		
40229713007	MW-7	EPA 8260	390217		
40229713008	MW-8	EPA 8260	390217		
40229713009	DUP070921	EPA 8260	390217		
40229713010	TRIP BLANK	EPA 8260	390217		

REPORT OF LABORATORY ANALYSIS

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MN: 612-607-1700 WI: 920-469-2436

40229713



CHAIN OF CUSTODY

***Preservation Codes**

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested
	B	VOC 8260

Quote #:

Mail To Contact: Tim Hoff

Mail To Company: WSP

Mail To Address: Tim.Huff@wsp.com

Invoice To Contact: Tim Hoff

Invoice To Company: WSP

Invoice To Address: Tim.Huff@wsp.com

Invoice To Phone: (571) 217-6759

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #

(Please Print Clearly)

Company Name: WSP

Branch/Location: Madison

Project Contact: Tim Huff

Phone: (571) 217-6759

Project Number: 31401967.705-06.63

Project Name: LN13 MP312 Valve Site

Project State: Wisconsin

Sampled By (Print): Matt Coraby/Jeremy Loucks

Sampled By (Sign): *(Signature)*

Regulatory Program:

Data Package Options (billable)

EPA Level III
 EPA Level IV

MS/MSD (billable)

On your sample
 NOT needed on your sample

Matrix Codes

A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Filters	Analyses Requested
		DATE	TIME			
001	MW-1	07/10/21	14:10	GW		X
002	MW-2	07/10/21	14:05	GW		X
003	MW-3	07/10/21	13:50	GW		X
004	MW-4	07/10/21	12:55	GW		X
005	MW-5	07/10/21	09:50	GW		X
006	MW-6	07/10/21	09:55	GW		X
007	MW-7	07/10/21	16:00	GW		X
008	MW-8	07/10/21	16:20	GW		X
009	DUP 070921	07/10/21	00:00	GW		X
010	TRIP BLANK	NA	NA	NA		X

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed: STANDARD

Relinquished By: <i>Matt Coraby</i>	Date/Time: <i>07/10/21 / 15:00</i>	Received By: <i>PACE MADISON</i>	Date/Time: <i>07/10/21 / 15:00</i>
Relinquished By: <i>Logistics</i>	Date/Time: <i>7-10-21 8:55</i>	Received By: <i>Matt Huff / Pace</i>	Date/Time: <i>7-10-21 8:55</i>
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____
Relinquished By: _____	Date/Time: _____	Received By: _____	Date/Time: _____

PACE Project No.
40229713

Receipt Temp = 3 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Client Name: WSP

Sample Preservation Receipt Form

Project # 40229713

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

Lab Lot# of pH paper:

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


Initial when completed:

Date/ Time:

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

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

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

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

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

Project #: _____

WO#: 40229713



40229713

Tracking #: 1
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-103 **Type of Ice:** Wet Blue Dry None Samples on ice, cooling process has begun
Cooler Temperature: Uncorr: 2.5 / Corr: 3
Temp Blank Present: yes no **Biological Tissue is Frozen:** yes no

Person examining contents:
Date: 7/10/21 **Initials:** MP
Labeled By Initials: ALF

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

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<u>7/10/21 MP</u> <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>Filter 7/10/21 MP</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>467</u>		

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

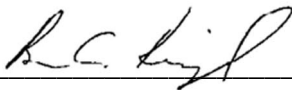
PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

ENCLOSURE B – HYDROGEOLOGIST CERTIFICATION

CERTIFICATION

Monitoring Well Sampling Results
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.



7/29/2021

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

Date