

Our ref: 11115796-LTR-10

June 10, 2022

Mr. Phil Richard
Wisconsin Department of Natural Resources
875 South 4th Avenue
Park Falls, Wisconsin 54552

**Groundwater Monitoring, April 2022
Rhineland Landfill (#00686)**

Dear Mr. Richard:

On behalf of the Rhineland Landfill Group (RLG), GHD Services, Inc. (GHD) is submitting the semi-annual sampling results for the April 2022 sampling event for the Rhineland Landfill in Rhineland, Wisconsin.

The April 2022 sampling event was conducted on April 19, 2022. Sampling activities were conducted according to the specifications agreed upon in the Groundwater Monitoring Plan sent by the Wisconsin Department of Natural Resources (WDNR) in a letter to the City of Rhineland dated April 29, 2016.

A total of 8 monitoring wells (MW-2A, MW-2B, MW-16A, MW-16B, MW-16C, NW-20A, MW-20B, and MW-20C) were sampled as a part of the sampling event. MW-28A was scheduled to be sampled but was inaccessible due to spring flooding. Figure 1 presents the location of the monitoring wells. The results from the sampling event are consistent with historical results.

The WDNR Form 4400-231 (Environmental Monitoring Data Certification) is presented as Attachment A. A table of Enforcement Standard and Preventative Action Limit exceedances is presented in Attachment B. The laboratory analytical report is presented as Attachment C.

The data from the sampling round was sent to the Groundwater Environmental Monitoring System (GEMS) database via compact disk.

The annual sampling round is currently scheduled for October 2022.

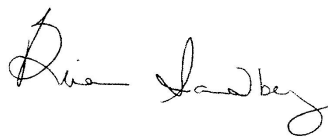
Should you have any questions regarding this matter, please do not hesitate to call.

Regards,



Ryan Aamot
Scientist

+1 612 524-6855
ryan.aamot@ghd.com



Brian Sandberg
Senior Scientist

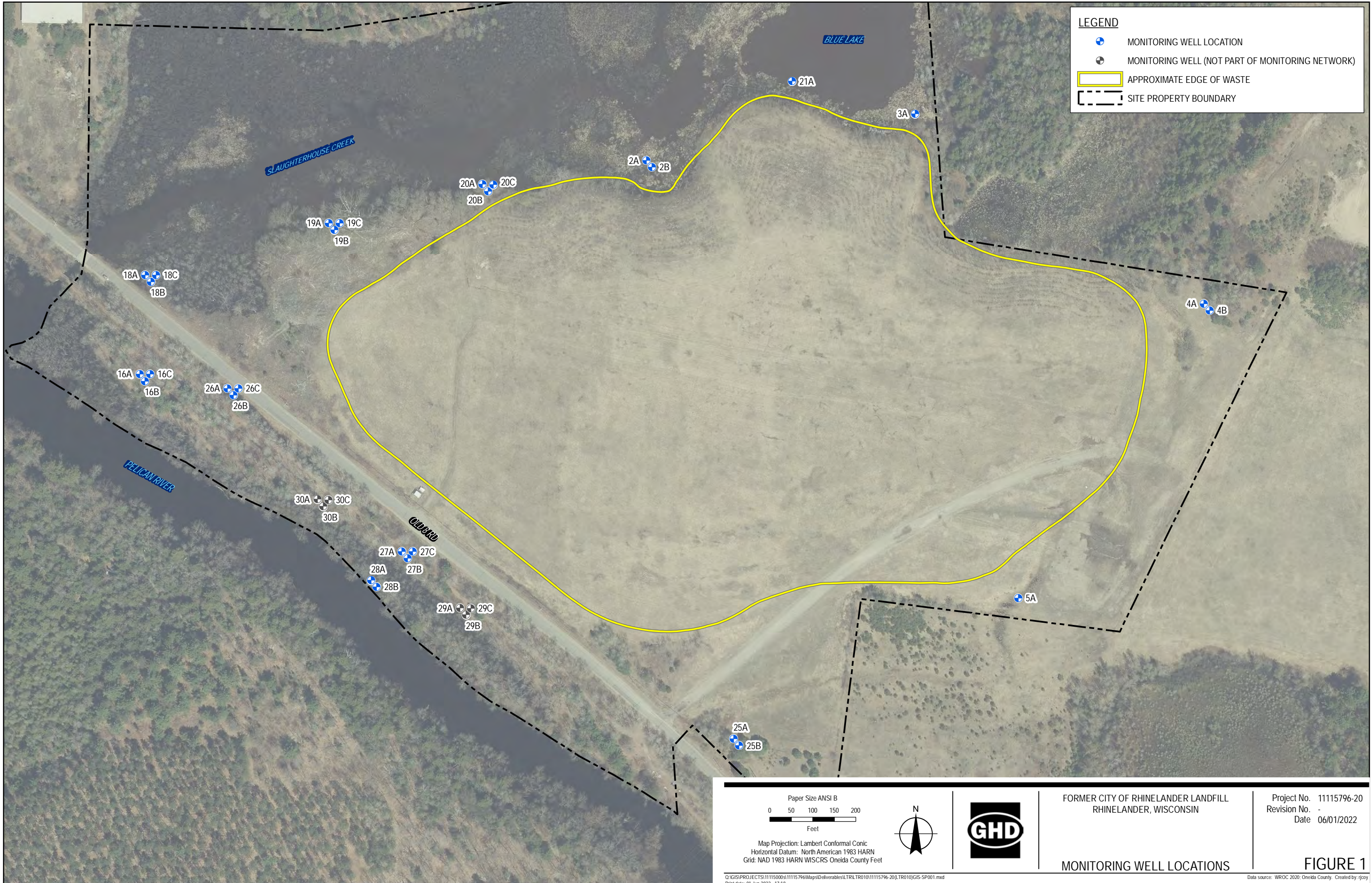
+1 612 524-6832
brian.sandberg@ghd.com

RA/kg/LTR-10

Copy to: Zach Vruwink, City of Rhinelander (via email)
Brian Jones, International Paper (via email)
Brian Heim, International Paper (via email)
Bruce White, Barnes & Thornburg (via email)

Figure 1

Monitoring Well Locations



LEGEND

- ⊕ MONITORING WELL LOCATION
- ⊙ MONITORING WELL (NOT PART OF MONITORING NETWORK)
- APPROXIMATE EDGE OF WASTE
- SITE PROPERTY BOUNDARY

<p>Paper Size ANSI B</p> <p>0 50 100 150 200</p> <p>Feet</p> <p>Map Projection: Lambert Conformal Conic Horizontal Datum: North American 1983 HARN Grid: NAD 1983 HARN WISCRS Oneida County Feet</p>			<p>FORMER CITY OF RHINELANDER LANDFILL RHINELANDER, WISCONSIN</p>	<p>Project No. 11115796-20 Revision No. - Date 06/01/2022</p>
<p>MONITORING WELL LOCATIONS</p>			<p>FIGURE 1</p>	

Q:\GIS\PROJECTS\11115000\11115796\Maps\Deliverables\LR\LR10\11115796-20\LR10\GIS-SP001.mxd Print date: 01 Jun 2022 - 17:18 Data source: WROC 2020; Oneida County. Created by: rjzoy

Attachments

Attachment A

WDNR Form 4400 231

**(Environmental Monitoring Data
Certification)**

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats. When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats

Instructions:

- Prepare one form for each license or monitoring ID.
- Please type or print legibly.
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable (EDD) to:

GEMS Data Submittal Contact - WA/5
 Wisconsin Department of Natural Resources
 P.O. Box 7921
 Madison, WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner)

GHD Services, Inc.

Contact for questions about data formatting. Include data preparer's name, telephone number and Email address:

Name	Phone No. (include area code)
Dan Milewsky / Pace Analytical	(920) 412-8566

Email
 Dan.Milewsky@pacelabs.com

Facility Name
 Former City of Rhinelander Landfill

License # / Monitoring ID	Facility ID (FID)
00686	

Actual sampling dates (e.g., July 2-6, 2003) April 19 2022	The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) April 2022
---	--

Type of Data Submitted (Check all that apply):

- | | |
|---|--|
| <input checked="" type="checkbox"/> Groundwater monitoring data from monitoring wells | <input type="checkbox"/> Gas monitoring data |
| <input type="checkbox"/> Groundwater monitoring data from private water supply wells | <input type="checkbox"/> Air monitoring data |
| <input type="checkbox"/> Leachate monitoring data | <input type="checkbox"/> Other (specify): |

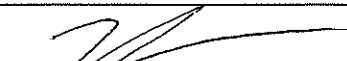
Notification attached?

- No. No groundwater standards or explosive gas limits were exceeded.
- Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

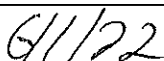
Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Facility Representative Name (Print)	Title	Phone No. (include area code)
Ryan Aamot	Project Manager	(612) 524-6855



 Signature



 Date Signed (mm/dd/yyyy)

For DNR Use Only

Check action taken, and record date and your initials. Describe on back side if necessary.

Found uploading problems on _____ Initials _____

Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): Diskette CD (Initial submittal and follow-up) E-mail (follow-up only) Other: _____

Attachment B

Enforcement Standard and Preventative Action Limit Exceedances

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
4/19/2022	007	34030	18.2	ug/L	ES		243661009	MW-2A	01	Benzene	0.5	5
4/19/2022	007	00610	237	mg/L	ES		243661009	MW-2A	01	Nitrogen, Ammonia	0.97	9.7
4/19/2022	007	81607	125	ug/L	ES		243661009	MW-2A	01	Tetrahydrofuran	10	50
4/19/2022	009	34030	1.1	ug/L	PAL		243661010	MW-2B	01	Benzene	0.5	5
4/19/2022	009	81607	J 11.9	ug/L	PAL		243661010	MW-2B	01	Tetrahydrofuran	10	50
4/19/2022	009	39175	J 0.43	ug/L	ES		243661010	MW-2B	01	Vinyl chloride	0.02	0.2
4/19/2022	069	34030	J 0.90	ug/L	PAL		243661006	MW-16A	01	Benzene	0.5	5
4/19/2022	071	34030	J 0.92	ug/L	PAL		243661007	MW-16B	01	Benzene	0.5	5
4/19/2022	073	34030	J 0.92	ug/L	PAL		243661008	MW-16C	01	Benzene	0.5	5
4/19/2022	073	39175	J 0.34	ug/L	ES		243661008	MW-16C	01	Vinyl chloride	0.02	0.2
4/19/2022	093	34030	J 0.85	ug/L	PAL		243661001	MW-20A	01	Benzene	0.5	5
4/19/2022	093	34696	11.0	ug/L	PAL		243661001	MW-20A	01	Naphthalene	10	100
4/19/2022	095	34030	J 0.66	ug/L	PAL		243661002	MW-20B	01	Benzene	0.5	5
4/19/2022	095	39175	J 0.34	ug/L	ES		243661002	MW-20B	01	Vinyl chloride	0.02	0.2
4/19/2022	095	34030	J 0.64	ug/L	PAL		243661003	MW-20B DUP	02	Benzene	0.5	5
4/19/2022	095	39175	J 0.24	ug/L	ES		243661003	MW-20B DUP	02	Vinyl chloride	0.02	0.2
4/19/2022	097	34030	J 0.90	ug/L	PAL		243661004	MW-20C	01	Benzene	0.5	5
4/19/2022	097	39175	J 0.41	ug/L	ES		243661004	MW-20C	01	Vinyl chloride	0.02	0.2

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.

MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTriplctate; 09-Non-field Lab Replicate

< qualifier indicates reported value (RV) was not detected at or above the MDL.

Attachment C

Laboratory Analytical Report

May 02, 2022

Grant Anderson
GHD Services
900 Long Lake Road
Suite 200
New Brighton, MN 55112

RE: Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Dear Grant Anderson:


Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,



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

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40243661001	MW-20A	Water	04/19/22 11:49	04/20/22 09:45
40243661002	MW-20B	Water	04/19/22 11:39	04/20/22 09:45
40243661003	MW-20B DUP	Water	04/19/22 11:39	04/20/22 09:45
40243661004	MW-20C	Water	04/19/22 11:59	04/20/22 09:45
40243661005	FIELD BLANK	Water	04/19/22 12:00	04/20/22 09:45
40243661006	MW-16A	Water	04/19/22 14:08	04/20/22 09:45
40243661007	MW-16B	Water	04/19/22 13:52	04/20/22 09:45
40243661008	MW-16C	Water	04/19/22 14:17	04/20/22 09:45
40243661009	MW-2A	Water	04/19/22 14:40	04/20/22 09:45
40243661010	MW-2B	Water	04/19/22 14:50	04/20/22 09:45
40243661011	TRIP BLANK	Water	04/19/22 00:00	04/20/22 09:45

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SAMPLE ANALYTE COUNT

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40243661001	MW-20A	EPA 8260	EIB	65
40243661002	MW-20B	EPA 8260	EIB	65
40243661003	MW-20B DUP	EPA 8260	EIB	65
40243661004	MW-20C	EPA 8260	EIB	65
40243661005	FIELD BLANK	EPA 8260	EIB	65
40243661006	MW-16A	EPA 8260	EIB	65
40243661007	MW-16B	EPA 8260	EIB	65
40243661008	MW-16C	EPA 8260	EIB	65
40243661009	MW-2A	EPA 8260	EIB	65
		EPA 350.1	TMK	1
		EPA 351.2	TMK	1
40243661010	MW-2B	EPA 8260	EIB	65
40243661011	TRIP BLANK	EPA 8260	EIB	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-20A Lab ID: 40243661001 Collected: 04/19/22 11:49 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.85J	ug/L	1.0	0.30	1		04/21/22 12:34	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 12:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 12:34	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 12:34	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 12:34	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 12:34	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 12:34	104-51-8	
sec-Butylbenzene	0.51J	ug/L	1.0	0.42	1		04/21/22 12:34	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 12:34	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 12:34	56-23-5	L1,M0
Chlorobenzene	4.1	ug/L	1.0	0.86	1		04/21/22 12:34	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 12:34	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 12:34	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 12:34	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 12:34	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 12:34	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 12:34	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 12:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 12:34	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 12:34	74-95-3	
1,2-Dichlorobenzene	0.61J	ug/L	1.0	0.33	1		04/21/22 12:34	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 12:34	541-73-1	
1,4-Dichlorobenzene	1.5	ug/L	1.0	0.89	1		04/21/22 12:34	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 12:34	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 12:34	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 12:34	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 12:34	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 12:34	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 12:34	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 12:34	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 12:34	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 12:34	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 12:34	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 12:34	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 12:34	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 12:34	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 12:34	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 12:34	87-68-3	
Isopropylbenzene (Cumene)	2.9J	ug/L	5.0	1.0	1		04/21/22 12:34	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 12:34	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 12:34	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 12:34	1634-04-4	
Naphthalene	11.0	ug/L	5.0	1.1	1		04/21/22 12:34	91-20-3	
n-Propylbenzene	2.1	ug/L	1.0	0.35	1		04/21/22 12:34	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 12:34	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-20A **Lab ID: 40243661001** Collected: 04/19/22 11:49 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 12:34	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 12:34	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 12:34	127-18-4	
Tetrahydrofuran	3.0J	ug/L	25.0	2.4	1		04/21/22 12:34	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 12:34	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 12:34	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 12:34	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 12:34	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 12:34	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 12:34	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 12:34	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 12:34	96-18-4	
1,2,4-Trimethylbenzene	16.1	ug/L	1.0	0.45	1		04/21/22 12:34	95-63-6	
1,3,5-Trimethylbenzene	3.3	ug/L	1.0	0.36	1		04/21/22 12:34	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/22 12:34	75-01-4	
m&p-Xylene	34.6	ug/L	2.0	0.70	1		04/21/22 12:34	179601-23-1	
o-Xylene	0.67J	ug/L	1.0	0.35	1		04/21/22 12:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		04/21/22 12:34	460-00-4	
1,2-Dichlorobenzene-d4 (S)	99	%	70-130		1		04/21/22 12:34	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/21/22 12:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: **MW-20B** Lab ID: **40243661002** Collected: 04/19/22 11:39 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.66J	ug/L	1.0	0.30	1		04/21/22 16:40	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:40	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 16:40	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 16:40	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 16:40	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 16:40	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 16:40	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 16:40	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 16:40	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 16:40	56-23-5	L1
Chlorobenzene	0.99J	ug/L	1.0	0.86	1		04/21/22 16:40	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 16:40	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 16:40	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 16:40	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 16:40	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 16:40	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 16:40	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 16:40	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 16:40	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 16:40	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 16:40	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 16:40	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 16:40	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 16:40	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 16:40	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 16:40	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 16:40	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 16:40	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 16:40	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 16:40	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 16:40	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 16:40	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 16:40	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:40	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 16:40	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 16:40	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 16:40	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 16:40	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 16:40	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 16:40	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 16:40	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 16:40	1634-04-4	
Naphthalene	5.2	ug/L	5.0	1.1	1		04/21/22 16:40	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 16:40	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:40	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-20B **Lab ID: 40243661002** Collected: 04/19/22 11:39 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 16:40	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 16:40	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 16:40	127-18-4	
Tetrahydrofuran	6.8J	ug/L	25.0	2.4	1		04/21/22 16:40	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 16:40	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 16:40	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 16:40	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 16:40	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 16:40	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 16:40	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 16:40	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 16:40	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 16:40	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:40	108-67-8	
Vinyl chloride	0.34J	ug/L	1.0	0.17	1		04/21/22 16:40	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 16:40	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 16:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/21/22 16:40	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/21/22 16:40	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/21/22 16:40	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-20B DUP Lab ID: 40243661003 Collected: 04/19/22 11:39 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.64J	ug/L	1.0	0.30	1		04/21/22 18:01	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:01	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 18:01	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 18:01	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 18:01	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 18:01	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 18:01	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 18:01	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 18:01	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 18:01	56-23-5	L1
Chlorobenzene	0.96J	ug/L	1.0	0.86	1		04/21/22 18:01	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 18:01	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 18:01	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 18:01	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 18:01	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 18:01	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 18:01	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 18:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 18:01	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 18:01	74-95-3	
1,2-Dichlorobenzene	0.33J	ug/L	1.0	0.33	1		04/21/22 18:01	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 18:01	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 18:01	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 18:01	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 18:01	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 18:01	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 18:01	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 18:01	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 18:01	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 18:01	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 18:01	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 18:01	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 18:01	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:01	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 18:01	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 18:01	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 18:01	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 18:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 18:01	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 18:01	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 18:01	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 18:01	1634-04-4	
Naphthalene	5.5	ug/L	5.0	1.1	1		04/21/22 18:01	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 18:01	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:01	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-20B DUP **Lab ID: 40243661003** Collected: 04/19/22 11:39 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 18:01	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 18:01	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 18:01	127-18-4	
Tetrahydrofuran	5.0J	ug/L	25.0	2.4	1		04/21/22 18:01	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 18:01	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 18:01	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 18:01	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 18:01	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 18:01	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 18:01	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 18:01	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 18:01	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 18:01	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:01	108-67-8	
Vinyl chloride	0.24J	ug/L	1.0	0.17	1		04/21/22 18:01	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 18:01	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 18:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/21/22 18:01	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/21/22 18:01	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/21/22 18:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: **MW-20C** Lab ID: **40243661004** Collected: 04/19/22 11:59 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.90J	ug/L	1.0	0.30	1		04/21/22 18:22	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 18:22	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 18:22	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 18:22	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 18:22	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 18:22	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 18:22	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 18:22	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 18:22	56-23-5	L1
Chlorobenzene	1.4	ug/L	1.0	0.86	1		04/21/22 18:22	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 18:22	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 18:22	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 18:22	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 18:22	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 18:22	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 18:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 18:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 18:22	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 18:22	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 18:22	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 18:22	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 18:22	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 18:22	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 18:22	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 18:22	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 18:22	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 18:22	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 18:22	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 18:22	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 18:22	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 18:22	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 18:22	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:22	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 18:22	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 18:22	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 18:22	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 18:22	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 18:22	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 18:22	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 18:22	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 18:22	1634-04-4	
Naphthalene	4.6J	ug/L	5.0	1.1	1		04/21/22 18:22	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 18:22	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:22	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-20C **Lab ID: 40243661004** Collected: 04/19/22 11:59 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 18:22	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 18:22	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 18:22	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/22 18:22	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 18:22	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 18:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 18:22	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 18:22	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 18:22	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 18:22	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 18:22	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 18:22	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 18:22	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 18:22	108-67-8	
Vinyl chloride	0.41J	ug/L	1.0	0.17	1		04/21/22 18:22	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 18:22	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 18:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/21/22 18:22	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/21/22 18:22	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/21/22 18:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: FIELD BLANK **Lab ID: 40243661005** Collected: 04/19/22 12:00 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/21/22 17:00	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 17:00	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 17:00	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 17:00	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 17:00	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 17:00	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 17:00	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 17:00	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 17:00	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 17:00	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 17:00	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 17:00	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 17:00	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 17:00	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 17:00	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 17:00	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 17:00	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 17:00	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 17:00	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 17:00	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:00	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 17:00	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 17:00	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:00	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 17:00	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 17:00	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 17:00	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 17:00	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 17:00	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:00	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 17:00	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 17:00	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:00	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 17:00	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 17:00	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 17:00	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 17:00	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 17:00	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 17:00	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 17:00	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 17:00	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/22 17:00	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:00	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:00	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: FIELD BLANK **Lab ID: 40243661005** Collected: 04/19/22 12:00 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 17:00	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 17:00	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 17:00	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/22 17:00	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 17:00	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 17:00	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 17:00	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:00	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 17:00	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 17:00	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 17:00	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 17:00	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 17:00	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:00	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/22 17:00	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 17:00	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/21/22 17:00	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/21/22 17:00	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		04/21/22 17:00	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-16A **Lab ID: 40243661006** Collected: 04/19/22 14:08 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.90J	ug/L	1.0	0.30	1		04/21/22 15:38	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:38	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 15:38	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 15:38	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 15:38	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 15:38	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 15:38	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 15:38	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 15:38	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 15:38	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 15:38	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 15:38	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 15:38	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 15:38	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 15:38	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 15:38	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 15:38	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 15:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 15:38	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 15:38	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 15:38	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 15:38	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 15:38	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 15:38	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 15:38	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 15:38	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 15:38	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 15:38	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 15:38	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 15:38	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 15:38	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 15:38	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 15:38	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:38	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 15:38	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 15:38	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 15:38	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 15:38	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 15:38	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 15:38	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 15:38	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 15:38	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/22 15:38	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 15:38	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:38	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-16A **Lab ID: 40243661006** Collected: 04/19/22 14:08 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 15:38	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 15:38	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 15:38	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/22 15:38	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 15:38	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 15:38	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 15:38	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 15:38	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 15:38	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 15:38	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 15:38	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 15:38	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 15:38	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:38	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/22 15:38	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 15:38	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 15:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/21/22 15:38	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		04/21/22 15:38	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/21/22 15:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-16B **Lab ID: 40243661007** Collected: 04/19/22 13:52 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.92J	ug/L	1.0	0.30	1		04/21/22 15:59	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:59	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 15:59	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 15:59	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 15:59	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 15:59	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 15:59	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 15:59	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 15:59	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 15:59	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 15:59	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 15:59	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 15:59	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 15:59	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 15:59	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 15:59	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 15:59	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 15:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 15:59	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 15:59	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 15:59	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 15:59	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 15:59	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 15:59	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 15:59	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 15:59	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 15:59	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 15:59	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 15:59	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 15:59	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 15:59	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 15:59	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 15:59	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:59	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 15:59	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 15:59	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 15:59	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 15:59	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 15:59	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 15:59	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 15:59	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 15:59	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/22 15:59	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 15:59	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:59	100-42-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-16B **Lab ID: 40243661007** Collected: 04/19/22 13:52 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 15:59	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 15:59	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 15:59	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/22 15:59	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 15:59	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 15:59	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 15:59	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 15:59	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 15:59	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 15:59	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 15:59	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 15:59	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 15:59	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 15:59	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/22 15:59	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 15:59	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 15:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		04/21/22 15:59	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		04/21/22 15:59	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		04/21/22 15:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-16C **Lab ID: 40243661008** Collected: 04/19/22 14:17 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.92J	ug/L	1.0	0.30	1		04/21/22 16:19	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:19	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 16:19	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 16:19	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 16:19	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 16:19	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 16:19	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 16:19	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 16:19	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 16:19	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 16:19	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 16:19	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 16:19	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 16:19	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 16:19	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 16:19	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 16:19	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 16:19	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 16:19	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 16:19	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 16:19	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 16:19	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 16:19	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 16:19	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 16:19	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 16:19	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 16:19	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 16:19	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 16:19	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 16:19	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 16:19	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 16:19	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 16:19	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:19	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 16:19	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 16:19	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 16:19	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 16:19	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 16:19	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 16:19	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 16:19	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 16:19	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/22 16:19	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 16:19	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:19	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-16C **Lab ID: 40243661008** Collected: 04/19/22 14:17 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 16:19	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 16:19	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 16:19	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/22 16:19	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 16:19	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 16:19	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 16:19	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 16:19	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 16:19	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 16:19	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 16:19	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 16:19	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 16:19	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 16:19	108-67-8	
Vinyl chloride	0.34J	ug/L	1.0	0.17	1		04/21/22 16:19	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 16:19	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 16:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/21/22 16:19	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		04/21/22 16:19	2199-69-1	
Toluene-d8 (S)	95	%	70-130		1		04/21/22 16:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-2A **Lab ID: 40243661009** Collected: 04/19/22 14:40 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	18.2	ug/L	1.0	0.30	1		04/21/22 17:21	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:21	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 17:21	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 17:21	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 17:21	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 17:21	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 17:21	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 17:21	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 17:21	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 17:21	56-23-5	L1
Chlorobenzene	0.89J	ug/L	1.0	0.86	1		04/21/22 17:21	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 17:21	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 17:21	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 17:21	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 17:21	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 17:21	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 17:21	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 17:21	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 17:21	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 17:21	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 17:21	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:21	541-73-1	
1,4-Dichlorobenzene	0.90J	ug/L	1.0	0.89	1		04/21/22 17:21	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 17:21	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:21	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 17:21	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 17:21	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 17:21	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 17:21	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 17:21	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:21	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 17:21	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 17:21	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:21	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 17:21	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 17:21	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 17:21	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 17:21	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 17:21	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 17:21	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 17:21	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 17:21	1634-04-4	
Naphthalene	3.0J	ug/L	5.0	1.1	1		04/21/22 17:21	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:21	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:21	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-2A **Lab ID: 40243661009** Collected: 04/19/22 14:40 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 17:21	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 17:21	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 17:21	127-18-4	
Tetrahydrofuran	125	ug/L	25.0	2.4	1		04/21/22 17:21	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 17:21	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 17:21	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 17:21	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:21	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 17:21	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 17:21	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 17:21	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 17:21	96-18-4	
1,2,4-Trimethylbenzene	1.9	ug/L	1.0	0.45	1		04/21/22 17:21	95-63-6	
1,3,5-Trimethylbenzene	1.3	ug/L	1.0	0.36	1		04/21/22 17:21	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/22 17:21	75-01-4	
m&p-Xylene	3.7	ug/L	2.0	0.70	1		04/21/22 17:21	179601-23-1	
o-Xylene	0.49J	ug/L	1.0	0.35	1		04/21/22 17:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/21/22 17:21	460-00-4	
1,2-Dichlorobenzene-d4 (S)	106	%	70-130		1		04/21/22 17:21	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		04/21/22 17:21	2037-26-5	
350.1 Ammonia, Distilled									
Analytical Method: EPA 350.1 Preparation Method: EPA 350.1									
Pace Analytical Services - Green Bay									
Nitrogen, Ammonia	237	mg/L	10.0	2.9	20	04/28/22 23:11	04/29/22 00:45	7664-41-7	
351.2 Total Kjeldahl Nitrogen									
Analytical Method: EPA 351.2 Preparation Method: EPA 351.2									
Pace Analytical Services - Green Bay									
Nitrogen, Kjeldahl, Total	198	mg/L	10.0	2.1	1	04/27/22 20:48	04/28/22 02:02	7727-37-9	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: MW-2B **Lab ID: 40243661010** Collected: 04/19/22 14:50 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.1	ug/L	1.0	0.30	1		04/21/22 17:41	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:41	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 17:41	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 17:41	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 17:41	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 17:41	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 17:41	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 17:41	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 17:41	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 17:41	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 17:41	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 17:41	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 17:41	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 17:41	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 17:41	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 17:41	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 17:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 17:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 17:41	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 17:41	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 17:41	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:41	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 17:41	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 17:41	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:41	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 17:41	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 17:41	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 17:41	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 17:41	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 17:41	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:41	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 17:41	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 17:41	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:41	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 17:41	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 17:41	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 17:41	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 17:41	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 17:41	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 17:41	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 17:41	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 17:41	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/22 17:41	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:41	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:41	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: MW-2B **Lab ID: 40243661010** Collected: 04/19/22 14:50 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 17:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 17:41	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 17:41	127-18-4	
Tetrahydrofuran	11.9J	ug/L	25.0	2.4	1		04/21/22 17:41	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 17:41	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 17:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 17:41	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 17:41	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 17:41	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 17:41	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 17:41	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 17:41	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 17:41	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 17:41	108-67-8	
Vinyl chloride	0.43J	ug/L	1.0	0.17	1		04/21/22 17:41	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 17:41	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 17:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/21/22 17:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/21/22 17:41	2199-69-1	
Toluene-d8 (S)	96	%	70-130		1		04/21/22 17:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

Sample: TRIP BLANK **Lab ID: 40243661011** Collected: 04/19/22 00:00 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		04/21/22 11:53	71-43-2	
Bromobenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 11:53	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/21/22 11:53	74-97-5	
Bromodichloromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 11:53	75-27-4	
Bromoform	<3.8	ug/L	5.0	3.8	1		04/21/22 11:53	75-25-2	
Bromomethane	<1.2	ug/L	5.0	1.2	1		04/21/22 11:53	74-83-9	
n-Butylbenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 11:53	104-51-8	
sec-Butylbenzene	<0.42	ug/L	1.0	0.42	1		04/21/22 11:53	135-98-8	
tert-Butylbenzene	<0.59	ug/L	1.0	0.59	1		04/21/22 11:53	98-06-6	
Carbon tetrachloride	<0.37	ug/L	1.0	0.37	1		04/21/22 11:53	56-23-5	L1
Chlorobenzene	<0.86	ug/L	1.0	0.86	1		04/21/22 11:53	108-90-7	
Chloroethane	<1.4	ug/L	5.0	1.4	1		04/21/22 11:53	75-00-3	
Chloroform	<1.2	ug/L	5.0	1.2	1		04/21/22 11:53	67-66-3	
Chloromethane	<1.6	ug/L	5.0	1.6	1		04/21/22 11:53	74-87-3	
2-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 11:53	95-49-8	
4-Chlorotoluene	<0.89	ug/L	5.0	0.89	1		04/21/22 11:53	106-43-4	
1,2-Dibromo-3-chloropropane	<2.4	ug/L	5.0	2.4	1		04/21/22 11:53	96-12-8	
Dibromochloromethane	<2.6	ug/L	5.0	2.6	1		04/21/22 11:53	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/L	1.0	0.31	1		04/21/22 11:53	106-93-4	
Dibromomethane	<0.99	ug/L	5.0	0.99	1		04/21/22 11:53	74-95-3	
1,2-Dichlorobenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 11:53	95-50-1	
1,3-Dichlorobenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 11:53	541-73-1	
1,4-Dichlorobenzene	<0.89	ug/L	1.0	0.89	1		04/21/22 11:53	106-46-7	
Dichlorodifluoromethane	<0.46	ug/L	5.0	0.46	1		04/21/22 11:53	75-71-8	
1,1-Dichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 11:53	75-34-3	
1,2-Dichloroethane	<0.29	ug/L	1.0	0.29	1		04/21/22 11:53	107-06-2	
1,1-Dichloroethene	<0.58	ug/L	1.0	0.58	1		04/21/22 11:53	75-35-4	
cis-1,2-Dichloroethene	<0.47	ug/L	1.0	0.47	1		04/21/22 11:53	156-59-2	
trans-1,2-Dichloroethene	<0.53	ug/L	1.0	0.53	1		04/21/22 11:53	156-60-5	
1,2-Dichloropropane	<0.45	ug/L	1.0	0.45	1		04/21/22 11:53	78-87-5	
1,3-Dichloropropane	<0.30	ug/L	1.0	0.30	1		04/21/22 11:53	142-28-9	
2,2-Dichloropropane	<4.2	ug/L	5.0	4.2	1		04/21/22 11:53	594-20-7	
1,1-Dichloropropene	<0.41	ug/L	1.0	0.41	1		04/21/22 11:53	563-58-6	
cis-1,3-Dichloropropene	<0.36	ug/L	1.0	0.36	1		04/21/22 11:53	10061-01-5	
trans-1,3-Dichloropropene	<3.5	ug/L	5.0	3.5	1		04/21/22 11:53	10061-02-6	
Diisopropyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 11:53	108-20-3	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		04/21/22 11:53	100-41-4	
Hexachloro-1,3-butadiene	<2.7	ug/L	5.0	2.7	1		04/21/22 11:53	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	5.0	1.0	1		04/21/22 11:53	98-82-8	
p-Isopropyltoluene	<1.0	ug/L	5.0	1.0	1		04/21/22 11:53	99-87-6	
Methylene Chloride	<0.32	ug/L	5.0	0.32	1		04/21/22 11:53	75-09-2	
Methyl-tert-butyl ether	<1.1	ug/L	5.0	1.1	1		04/21/22 11:53	1634-04-4	
Naphthalene	<1.1	ug/L	5.0	1.1	1		04/21/22 11:53	91-20-3	
n-Propylbenzene	<0.35	ug/L	1.0	0.35	1		04/21/22 11:53	103-65-1	
Styrene	<0.36	ug/L	1.0	0.36	1		04/21/22 11:53	100-42-5	

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Sample: TRIP BLANK **Lab ID: 40243661011** Collected: 04/19/22 00:00 Received: 04/20/22 09:45 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.36	ug/L	1.0	0.36	1		04/21/22 11:53	630-20-6	
1,1,1,2-Tetrachloroethane	<0.38	ug/L	1.0	0.38	1		04/21/22 11:53	79-34-5	
Tetrachloroethene	<0.41	ug/L	1.0	0.41	1		04/21/22 11:53	127-18-4	
Tetrahydrofuran	<2.4	ug/L	25.0	2.4	1		04/21/22 11:53	109-99-9	
Toluene	<0.29	ug/L	1.0	0.29	1		04/21/22 11:53	108-88-3	
1,2,3-Trichlorobenzene	<1.0	ug/L	5.0	1.0	1		04/21/22 11:53	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/21/22 11:53	120-82-1	
1,1,1-Trichloroethane	<0.30	ug/L	1.0	0.30	1		04/21/22 11:53	71-55-6	
1,1,2-Trichloroethane	<0.34	ug/L	5.0	0.34	1		04/21/22 11:53	79-00-5	
Trichloroethene	<0.32	ug/L	1.0	0.32	1		04/21/22 11:53	79-01-6	
Trichlorofluoromethane	<0.42	ug/L	1.0	0.42	1		04/21/22 11:53	75-69-4	
1,2,3-Trichloropropane	<0.56	ug/L	5.0	0.56	1		04/21/22 11:53	96-18-4	
1,2,4-Trimethylbenzene	<0.45	ug/L	1.0	0.45	1		04/21/22 11:53	95-63-6	
1,3,5-Trimethylbenzene	<0.36	ug/L	1.0	0.36	1		04/21/22 11:53	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/21/22 11:53	75-01-4	
m&p-Xylene	<0.70	ug/L	2.0	0.70	1		04/21/22 11:53	179601-23-1	
o-Xylene	<0.35	ug/L	1.0	0.35	1		04/21/22 11:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/21/22 11:53	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		04/21/22 11:53	2199-69-1	
Toluene-d8 (S)	97	%	70-130		1		04/21/22 11:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

METHOD BLANK: 2382163 Matrix: Water
Associated Lab Samples: 40243661001, 40243661002, 40243661003, 40243661004, 40243661005, 40243661006, 40243661007, 40243661008, 40243661009, 40243661010, 40243661011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.1	5.0	04/21/22 09:07	
Ethylbenzene	ug/L	<0.33	1.0	04/21/22 09:07	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	04/21/22 09:07	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	04/21/22 09:07	
m&p-Xylene	ug/L	<0.70	2.0	04/21/22 09:07	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	04/21/22 09:07	
Methylene Chloride	ug/L	<0.32	5.0	04/21/22 09:07	
n-Butylbenzene	ug/L	<0.86	1.0	04/21/22 09:07	
n-Propylbenzene	ug/L	<0.35	1.0	04/21/22 09:07	
Naphthalene	ug/L	<1.1	5.0	04/21/22 09:07	
o-Xylene	ug/L	<0.35	1.0	04/21/22 09:07	
p-Isopropyltoluene	ug/L	<1.0	5.0	04/21/22 09:07	
sec-Butylbenzene	ug/L	<0.42	1.0	04/21/22 09:07	
Styrene	ug/L	<0.36	1.0	04/21/22 09:07	
tert-Butylbenzene	ug/L	<0.59	1.0	04/21/22 09:07	
Tetrachloroethene	ug/L	<0.41	1.0	04/21/22 09:07	
Tetrahydrofuran	ug/L	<2.4	25.0	04/21/22 09:07	
Toluene	ug/L	<0.29	1.0	04/21/22 09:07	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	04/21/22 09:07	
trans-1,3-Dichloropropene	ug/L	<3.5	5.0	04/21/22 09:07	
Trichloroethene	ug/L	<0.32	1.0	04/21/22 09:07	
Trichlorofluoromethane	ug/L	<0.42	1.0	04/21/22 09:07	
Vinyl chloride	ug/L	<0.17	1.0	04/21/22 09:07	
1,2-Dichlorobenzene-d4 (S)	%	103	70-130	04/21/22 09:07	
4-Bromofluorobenzene (S)	%	98	70-130	04/21/22 09:07	
Toluene-d8 (S)	%	98	70-130	04/21/22 09:07	

LABORATORY CONTROL SAMPLE: 2382164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	63.5	127	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.3	87	66-130	
1,1,2-Trichloroethane	ug/L	50	43.1	86	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	68-132	
1,1-Dichloroethene	ug/L	50	60.6	121	85-126	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	45.1	90	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	46.5	93	70-130	
1,2-Dichlorobenzene	ug/L	50	50.4	101	70-130	
1,2-Dichloroethane	ug/L	50	53.0	106	70-130	
1,2-Dichloropropane	ug/L	50	48.1	96	78-125	
1,3-Dichlorobenzene	ug/L	50	52.4	105	70-130	
1,4-Dichlorobenzene	ug/L	50	52.7	105	70-130	

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

LABORATORY CONTROL SAMPLE: 2382164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.6	105	70-132	
Bromodichloromethane	ug/L	50	54.5	109	70-130	
Bromoform	ug/L	50	48.9	98	65-130	
Bromomethane	ug/L	50	51.0	102	44-128	
Carbon tetrachloride	ug/L	50	65.5	131	70-130	L1
Chlorobenzene	ug/L	50	54.3	109	70-130	
Chloroethane	ug/L	50	59.0	118	73-137	
Chloroform	ug/L	50	55.4	111	80-122	
Chloromethane	ug/L	50	56.0	112	27-148	
cis-1,2-Dichloroethene	ug/L	50	50.0	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.8	92	70-130	
Dibromochloromethane	ug/L	50	49.0	98	70-130	
Dichlorodifluoromethane	ug/L	50	61.4	123	22-151	
Ethylbenzene	ug/L	50	56.6	113	80-123	
Isopropylbenzene (Cumene)	ug/L	50	58.7	117	70-130	
m&p-Xylene	ug/L	100	114	114	70-130	
Methyl-tert-butyl ether	ug/L	50	46.6	93	66-130	
Methylene Chloride	ug/L	50	59.0	118	70-130	
o-Xylene	ug/L	50	54.4	109	70-130	
Styrene	ug/L	50	57.9	116	70-130	
Tetrachloroethene	ug/L	50	56.6	113	70-130	
Toluene	ug/L	50	52.2	104	80-121	
trans-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	41.4	83	58-125	
Trichloroethene	ug/L	50	55.8	112	70-130	
Trichlorofluoromethane	ug/L	50	66.8	134	84-148	
Vinyl chloride	ug/L	50	58.9	118	63-142	
1,2-Dichlorobenzene-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2382165 2382166

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40243661001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1-Trichloroethane	ug/L	<0.30	50	50	50	64.0	61.8	128	124	70-130	4	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	50	44.0	43.6	88	87	66-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50	43.5	44.3	87	89	70-130	2	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	50	54.7	53.8	109	108	68-132	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	50	63.2	61.3	126	123	76-132	3	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	50	55.3	55.9	111	112	70-130	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	50	51.1	51.0	102	102	51-126	0	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	50	46.7	45.7	93	91	70-130	2	20	
1,2-Dichlorobenzene	ug/L	0.61J	50	50	50	52.5	52.1	104	103	70-130	1	20	

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Parameter	Units	2382165		2382166		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40243661001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloroethane	ug/L	<0.29	50	50	52.2	51.5	104	103	70-130	1	20		
1,2-Dichloropropane	ug/L	<0.45	50	50	48.9	48.8	98	98	77-125	0	20		
1,3-Dichlorobenzene	ug/L	<0.35	50	50	54.7	55.1	109	110	70-130	1	20		
1,4-Dichlorobenzene	ug/L	1.5	50	50	53.6	53.9	104	105	70-130	0	20		
Benzene	ug/L	0.85J	50	50	54.3	54.1	107	106	70-132	0	20		
Bromodichloromethane	ug/L	<0.42	50	50	54.3	52.3	109	105	70-130	4	20		
Bromoform	ug/L	<3.8	50	50	48.2	47.8	96	96	65-130	1	20		
Bromomethane	ug/L	<1.2	50	50	57.8	56.4	116	113	44-128	2	21		
Carbon tetrachloride	ug/L	<0.37	50	50	66.5	64.2	133	128	70-132	4	20	MO	
Chlorobenzene	ug/L	4.1	50	50	58.9	58.8	110	109	70-130	0	20		
Chloroethane	ug/L	<1.4	50	50	63.3	64.1	127	128	70-137	1	20		
Chloroform	ug/L	<1.2	50	50	54.8	54.2	110	108	80-122	1	20		
Chloromethane	ug/L	<1.6	50	50	59.7	54.4	119	109	17-149	9	20		
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	52.5	51.8	105	104	70-130	1	20		
cis-1,3-Dichloropropene	ug/L	<0.36	50	50	45.9	46.6	92	93	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	49.5	48.5	99	97	70-130	2	20		
Dichlorodifluoromethane	ug/L	<0.46	50	50	62.8	60.5	126	121	22-158	4	20		
Ethylbenzene	ug/L	<0.33	50	50	56.7	57.2	113	114	80-123	1	20		
Isopropylbenzene (Cumene)	ug/L	2.9J	50	50	63.6	62.8	121	120	70-130	1	20		
m&p-Xylene	ug/L	34.6	100	100	150	150	116	116	70-130	0	20		
Methyl-tert-butyl ether	ug/L	<1.1	50	50	47.4	46.5	95	93	66-130	2	20		
Methylene Chloride	ug/L	<0.32	50	50	62.5	61.6	125	123	70-130	1	20		
o-Xylene	ug/L	0.67J	50	50	57.3	55.6	113	110	70-130	3	20		
Styrene	ug/L	<0.36	50	50	57.2	57.3	114	115	70-130	0	20		
Tetrachloroethene	ug/L	<0.41	50	50	55.3	56.3	111	113	70-130	2	20		
Toluene	ug/L	<0.29	50	50	52.8	53.1	106	106	80-121	1	20		
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	55.1	54.6	110	109	70-134	1	20		
trans-1,3-Dichloropropene	ug/L	<3.5	50	50	41.1	41.4	82	83	58-130	1	20		
Trichloroethene	ug/L	<0.32	50	50	56.5	55.9	113	112	70-130	1	20		
Trichlorofluoromethane	ug/L	<0.42	50	50	69.7	66.6	139	133	82-151	5	20		
Vinyl chloride	ug/L	<0.17	50	50	62.7	61.7	125	123	61-143	2	20		
1,2-Dichlorobenzene-d4 (S)	%						100	100	70-130				
4-Bromofluorobenzene (S)	%						96	98	70-130				
Toluene-d8 (S)	%						98	100	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

QC Batch: 414387 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia, Distilled
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40243661009

METHOD BLANK: 2386024 Matrix: Water
Associated Lab Samples: 40243661009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	<0.14	0.50	04/29/22 00:25	

LABORATORY CONTROL SAMPLE: 2386025

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	10	10.7	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2386026 2386027

Parameter	Units	40243659001		2386027		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Nitrogen, Ammonia	mg/L	<0.14	10	10	10.3	10.3	102	103	90-110	1	20		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2386028 2386029

Parameter	Units	40243687001		2386029		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec					
Nitrogen, Ammonia	mg/L	0.23J	10	10	10.6	10.7	104	104	90-110	0	20		

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF
Pace Project No.: 40243661

QC Batch: 414277 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40243661009

METHOD BLANK: 2385262 Matrix: Water
Associated Lab Samples: 40243661009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	<0.21	1.0	04/28/22 01:45	

LABORATORY CONTROL SAMPLE: 2385263

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	5	4.9	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2385264 2385265

Parameter	Units	40243779001		2385264		2385265		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Nitrogen, Kjeldahl, Total	mg/L	68.6	50	50	50	119	120	101	102	90-110	0	20

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2385266 2385267

Parameter	Units	40243837001		2385266		2385267		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Nitrogen, Kjeldahl, Total	mg/L	<0.21	5	5	5	5.2	5.2	100	100	90-110	0	20

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QUALIFIERS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11115796 RHINELANDER LF

Pace Project No.: 40243661

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40243661001	MW-20A	EPA 8260	413737		
40243661002	MW-20B	EPA 8260	413737		
40243661003	MW-20B DUP	EPA 8260	413737		
40243661004	MW-20C	EPA 8260	413737		
40243661005	FIELD BLANK	EPA 8260	413737		
40243661006	MW-16A	EPA 8260	413737		
40243661007	MW-16B	EPA 8260	413737		
40243661008	MW-16C	EPA 8260	413737		
40243661009	MW-2A	EPA 8260	413737		
40243661010	MW-2B	EPA 8260	413737		
40243661011	TRIP BLANK	EPA 8260	413737		
40243661009	MW-2A	EPA 350.1	414387	EPA 350.1	414390
40243661009	MW-2A	EPA 351.2	414277	EPA 351.2	414282

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CHAIN-OF-CUSTODY Analytical Request Document

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

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

40243661

ALL SHADED AREAS are for LAB USE ONLY

Company: **GHD** Billing Information: **GHD**

Address: **900 Long Lake Rd St Paul MN**

Report To: **Grant Anderson** Email To:

Copy To: Site Collection Info/Address:

Customer Project Name/Number: **Rhinelanders LF 1115796** State: **/** County/City: Time Zone Collected: [] PT [] MT [] CT [] ET

Phone: **612 527 6855** Site/Facility ID #: Compliance Monitoring? [] Yes [] No

Collected By (print): **Ryan Aramot** Purchase Order #: DW PWS ID #: Quote #: DW Location Code:

Collected By (signature): Turnaround Date Required: Immediately Packed on Ice: [] Yes [] No

Sample Disposal: Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [] Yes [] No Analysis:

Container Preservative Type ** Lab Project Manager:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res Cl	# of Ctns	Analyses	Lab Profile/Line:
			Date	Time	Date	Time				
W-220419-RA-01	GV	6	4/19/22	1149				9	VOCs + tetrahydrofuran Ammonia TLGN	Lab Sample Receipt Checklist: Custody Seals Present/Intact Y N NA Custody Signatures Present Y N NA Collector Signature Present Y N NA Bottles Intact Y N NA Correct Bottles Y N NA Sufficient Volume Y N NA Samples Received on Ice Y N NA VOA - Headspace Acceptable Y N NA USDA Regulated Soils Y N NA Samples in Holding Time Y N NA Residual Chlorine Present Y N NA Cl Strips: Y N NA Sample pH Acceptable Y N NA pH Strips: Y N NA Sulfide Present Y N NA Lead Acetate Strips: Y N NA LAB USE ONLY: Lab Sample # / Comments:
W-220419-RA-02			4/19/22	1139			3	001		
W-220419-RA-03			4/19/22	1139			3	002		
W-220419-RA-04			4/19	1159			3	003		
W-220419-RA-05				1200			3	004		
W-220419-RA-06				1408			3	005		
W-220419-RA-07				1352			3	006		
W-220419-RA-08				1417			3	007		
W-220419-RA-09				1440			4	008		
W-220419-RA-10				1450			3	009		
								010		
								011		
								012		
								013		
								014		
								015		

* 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		
W-220419-RA-01	GV	6	4/19/22	1149			9	
W-220419-RA-02			4/19/22	1139			3	
W-220419-RA-03			4/19/22	1139			3	
W-220419-RA-04			4/19	1159			3	
W-220419-RA-05				1200			3	
W-220419-RA-06				1408			3	
W-220419-RA-07				1352			3	
W-220419-RA-08				1417			3	
W-220419-RA-09				1440			4	
W-220419-RA-10				1450			3	

Customer Remarks / Special Conditions / Possible Hazards: **trip blank included oil**
no sample times in bottles

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

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

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

Lab Tracking #: **2764318**

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: **30-2022**

Cooler 1 Temp Upon Receipt: oC

Cooler 1 Therm Cor Factor: oC

Cooler 1 Corrected Temp: oC

Comments:

Relinquished by/Company: (Signature) **GHD**

Relinquished by/Company: (Signature) **Fed ex**

Relinquished by/Company: (Signature)

Date/Time: **4/19/22 1530**

Date/Time: **4-20-22 0945**

Date/Time:

Received by/Company: (Signature)

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

Received by/Company: (Signature)

Date/Time: **4-20-22 0945**

Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO


Page: **35** of 37

Sample Condition Upon Receipt Form (SCUR)

Project #:

Client Name: GHD

WO# : 40243661



40243661

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

Tracking #: 8157 3512 2690

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 - 116 Type of Ice: Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 / Corr: 2.1

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

Person examining contents:
 Date: 4-20-22 / Initials: MP
 Labeled By Initials: MP

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. <u>+CC 4-20-22</u>
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>PJ#</u> <u>4-20-22</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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>No times</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>4-20-22</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <u>Trip blank received Lab added to COC</u>
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>477</u>		<u>4-20-22</u>

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

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