



May 22, 2020

Reference No. 11115796

Mr. Phil Richard  
Wisconsin Department of Natural Resources  
875 S. 4<sup>th</sup> Ave  
Park Falls, Wisconsin 54552

Dear Mr. Richard:

**Re: Groundwater Monitoring, April 2020  
Rhineland Landfill (#00686)**

On behalf of the Rhineland Landfill Group (RLG), GHD Services, Inc. (GHD) is submitting the semi-annual sampling results for the April 2020 sampling event for the Rhineland Landfill in Rhineland, Wisconsin.

The April 2020 sampling event was conducted on April 14, 2020. 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 2020.



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

Sincerely,

GHD

A handwritten signature in black ink, appearing to read "Ryan Aamot". The signature is fluid and cursive, with a prominent upward stroke at the end.

Ryan Aamot

RA/md/8

Encl.

cc: Jacob Curtis, von Briesen & Roper, s.c. (via email)  
Daniel Guild, City of Rhinelander (via email)  
Chris Frederickson, City of Rhinelander (via email)  
Phil Slowiak, International Paper (via email)  
Brian Heim, International Paper (via email)  
Linda Benfield, Foley & Lardner (via email)  
Bruce White, Barnes & Thornburg (via email)  
GEMS Data Submittal

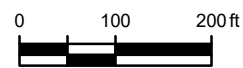
A handwritten signature in black ink, appearing to read "Brian Sandberg". The signature is cursive and somewhat stylized, with a long, sweeping underline.

Brian Sandberg





Source: Sand Creek Consultants, Inc.; Oneida County GIS



**LEGEND**

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



FORMER CITY OF RHINELANDER LANDFILL  
RHINELANDER, WISCONSIN  
GROUNDWATER MONITORING - APRIL 2020

**MONITORING WELL LOCATIONS**

11115796-20  
May 21, 2020

**FIGURE 1**



**Attachment A**  
**Form 4400 231**

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

Email: Dan.Milewsky@pacelabs.com

Facility Name: Former City of Rhinelander Landfill

License # / Monitoring ID: 00686 Facility ID (FID):

Actual sampling dates (e.g., July 2-6, 2003): April 14, 2020 The enclosed results are for sampling required in the month(s) of: (e.g., June 2003) April 2020


- Type of Data Submitted (Check all that apply):
- Groundwater monitoring data from monitoring wells
  - Groundwater monitoring data from private water supply wells
  - Leachate monitoring data
  - Gas monitoring data
  - Air monitoring data
  - 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): Ryan Aamot Title: Project Manager Phone No. (include area code): (651) 639-0913

Signature:  Date Signed (mm/dd/yyyy): 4/29/2020

**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 Exceedances Table**

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
4/14/2020	007	34030	28.9	ug/L	ES		206244008	MW-2A	01	Benzene	0.5	5
4/14/2020	007	00610	251	mg/L	ES		206244008	MW-2A	01	Nitrogen, Ammonia	0.97	9.7
4/14/2020	007	81607	204	ug/L	ES		206244008	MW-2A	01	Tetrahydrofuran	10	50
4/14/2020	009	34030	J 0.88	ug/L	PAL		206244009	MW-2B	01	Benzene	0.5	5
4/14/2020	009	81607	J 17.4	ug/L	PAL		206244009	MW-2B	01	Tetrahydrofuran	10	50
4/14/2020	009	39175	J 0.64	ug/L	ES		206244009	MW-2B	01	Vinyl chloride	0.02	0.2
4/14/2020	069	34030	J 0.64	ug/L	PAL		206244003	MW-16A	01	Benzene	0.5	5
4/14/2020	069	39175	J 0.19	ug/L	PAL		206244003	MW-16A	01	Vinyl chloride	0.02	0.2
4/14/2020	071	34030	J 0.87	ug/L	PAL		206244002	MW-16B	01	Benzene	0.5	5
4/14/2020	071	39175	J 0.64	ug/L	ES		206244002	MW-16B	01	Vinyl chloride	0.02	0.2
4/14/2020	073	34030	1.0	ug/L	PAL		206244001	MW-16C	01	Benzene	0.5	5
4/14/2020	073	39175	J 0.37	ug/L	ES		206244001	MW-16C	01	Vinyl chloride	0.02	0.2
4/14/2020	093	34030	1.4	ug/L	PAL		206244007	MW-20A	01	Benzene	0.5	5
4/14/2020	093	34696	16.0	ug/L	PAL		206244007	MW-20A	01	Naphthalene	10	100
4/14/2020	095	39175	J 0.30	ug/L	ES		206244006	MW-20B	01	Vinyl chloride	0.02	0.2
4/14/2020	097	34030	J 0.95	ug/L	PAL		206244004	MW-20C	01	Benzene	0.5	5
4/14/2020	097	39175	J 0.53	ug/L	ES		206244004	MW-20C	01	Vinyl chloride	0.02	0.2
4/14/2020	097	34030	J 0.96	ug/L	PAL		206244005	MW-20C DUP	02	Benzene	0.5	5
4/14/2020	097	39175	J 0.49	ug/L	ES		206244005	MW-20C DUP	02	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 Report**



April 23, 2020

Grant Anderson  
GHD Services; St. Paul  
1801 Old Highway 8 Northwest  
Suite 114  
Saint Paul, MN 55112

RE: Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

Dear Grant Anderson:

Enclosed are the analytical results for sample(s) received by the laboratory on April 15, 2020. 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,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

---

### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40206244001	MW-16C	Water	04/14/20 12:00	04/15/20 09:00
40206244002	MW-16B	Water	04/14/20 12:02	04/15/20 09:00
40206244003	MW-16A	Water	04/14/20 12:22	04/15/20 09:00
40206244004	MW-20C	Water	04/14/20 12:45	04/15/20 09:00
40206244005	MW-20C DUP	Water	04/14/20 12:45	04/15/20 09:00
40206244006	MW-20B	Water	04/14/20 12:55	04/15/20 09:00
40206244007	MW-20A	Water	04/14/20 13:14	04/15/20 09:00
40206244008	MW-2A	Water	04/14/20 13:48	04/15/20 09:00
40206244009	MW-2B	Water	04/14/20 13:50	04/15/20 09:00
40206244010	TRIP BLANK	Water	04/14/20 00:00	04/15/20 09:00

## REPORT OF LABORATORY ANALYSIS

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



### SAMPLE ANALYTE COUNT

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

Lab ID	Sample ID	Method	Analysts	Analytes Reported	
40206244001	MW-16C	EPA 8260	LAP	65	
			HMG	6	
40206244002	MW-16B	EPA 8260	LAP	65	
			HMG	6	
40206244003	MW-16A	EPA 8260	LAP	65	
			HMG	6	
40206244004	MW-20C	EPA 8260	LAP	65	
			HMG	6	
40206244005	MW-20C DUP	EPA 8260	LAP	65	
			HMG	6	
40206244006	MW-20B	EPA 8260	LAP	65	
			HMG	6	
40206244007	MW-20A	EPA 8260	LAP	65	
			HMG	6	
40206244008	MW-2A	EPA 8260	LAP	65	
			HMG	6	
			EPA 350.1	TMK	1
			EPA 351.2	TMK	1
40206244009	MW-2B	EPA 8260	LAP	65	
			HMG	6	
40206244010	TRIP BLANK	EPA 8260	LAP	65	

PASI-G = Pace Analytical Services - Green Bay

### REPORT OF LABORATORY ANALYSIS

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

## ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-16C**      **Lab ID: 40206244001**      Collected: 04/14/20 12:00      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.0	ug/L	1.0	0.25	1		04/16/20 19:03	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 19:03	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 19:03	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 19:03	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 19:03	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 19:03	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:03	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 19:03	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 19:03	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 19:03	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:03	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 19:03	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 19:03	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 19:03	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 19:03	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 19:03	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 19:03	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 19:03	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 19:03	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 19:03	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:03	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 19:03	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 19:03	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 19:03	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 19:03	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:03	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 19:03	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 19:03	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 19:03	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:03	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 19:03	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 19:03	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 19:03	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 19:03	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 19:03	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 19:03	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 19:03	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 19:03	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 19:03	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 19:03	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 19:03	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 19:03	1634-04-4	
Naphthalene	1.5J	ug/L	5.0	1.2	1		04/16/20 19:03	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 19:03	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 19:03	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-16C**      **Lab ID: 40206244001**      Collected: 04/14/20 12:00      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:03	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 19:03	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/16/20 19:03	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 19:03	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 19:03	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 19:03	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 19:03	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 19:03	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 19:03	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 19:03	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 19:03	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 19:03	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 19:03	108-67-8	
Vinyl chloride	0.37J	ug/L	1.0	0.17	1		04/16/20 19:03	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 19:03	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 19:03	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		04/16/20 19:03	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/16/20 19:03	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		04/16/20 19:03	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	6.95	Std. Units			1		04/14/20 12:00		
Field Specific Conductance	710	umhos/cm			1		04/14/20 12:00		
Oxygen, Dissolved	0	mg/L			1		04/14/20 12:00	7782-44-7	
REDOX	-115	mV			1		04/14/20 12:00		
Turbidity	0	NTU			1		04/14/20 12:00		
Temperature, Water (C)	7.27	deg C			1		04/14/20 12:00		

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-16B**      **Lab ID: 40206244002**      Collected: 04/14/20 12:02      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.87J	ug/L	1.0	0.25	1		04/16/20 18:06	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 18:06	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 18:06	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 18:06	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 18:06	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 18:06	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:06	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 18:06	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 18:06	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 18:06	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:06	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 18:06	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 18:06	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 18:06	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 18:06	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 18:06	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 18:06	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 18:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 18:06	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 18:06	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:06	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 18:06	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 18:06	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 18:06	75-71-8	
1,1-Dichloroethane	0.28J	ug/L	1.0	0.27	1		04/16/20 18:06	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:06	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 18:06	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 18:06	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 18:06	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:06	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 18:06	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 18:06	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 18:06	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 18:06	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 18:06	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 18:06	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 18:06	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 18:06	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 18:06	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 18:06	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 18:06	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 18:06	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/16/20 18:06	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 18:06	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 18:06	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-16B**      **Lab ID: 40206244002**      Collected: 04/14/20 12:02      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:06	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 18:06	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/16/20 18:06	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 18:06	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 18:06	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 18:06	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 18:06	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 18:06	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 18:06	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 18:06	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 18:06	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 18:06	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 18:06	108-67-8	
Vinyl chloride	<b>0.64J</b>	ug/L	1.0	0.17	1		04/16/20 18:06	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 18:06	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 18:06	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		04/16/20 18:06	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/16/20 18:06	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		04/16/20 18:06	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	<b>7.03</b>	Std. Units			1		04/14/20 12:02		
Field Specific Conductance	<b>626</b>	umhos/cm			1		04/14/20 12:02		
Oxygen, Dissolved	<b>0</b>	mg/L			1		04/14/20 12:02	7782-44-7	
REDOX	<b>-169</b>	mV			1		04/14/20 12:02		
Turbidity	<b>80.6</b>	NTU			1		04/14/20 12:02		
Temperature, Water (C)	<b>6.19</b>	deg C			1		04/14/20 12:02		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-16A**      **Lab ID: 40206244003**      Collected: 04/14/20 12:22      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.64J	ug/L	1.0	0.25	1		04/16/20 19:22	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 19:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 19:22	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 19:22	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 19:22	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 19:22	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:22	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 19:22	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 19:22	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 19:22	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:22	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 19:22	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 19:22	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 19:22	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 19:22	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 19:22	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 19:22	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 19:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 19:22	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 19:22	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:22	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 19:22	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 19:22	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 19:22	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 19:22	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:22	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 19:22	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 19:22	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 19:22	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:22	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 19:22	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 19:22	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 19:22	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 19:22	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 19:22	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 19:22	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 19:22	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 19:22	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 19:22	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 19:22	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 19:22	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 19:22	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/16/20 19:22	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 19:22	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 19:22	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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



### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-16A**      **Lab ID: 40206244003**      Collected: 04/14/20 12:22      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 19:22	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:22	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 19:22	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/16/20 19:22	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 19:22	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 19:22	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 19:22	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 19:22	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 19:22	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 19:22	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 19:22	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 19:22	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 19:22	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 19:22	108-67-8	
Vinyl chloride	0.19J	ug/L	1.0	0.17	1		04/16/20 19:22	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 19:22	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 19:22	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		04/16/20 19:22	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/16/20 19:22	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		04/16/20 19:22	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	6.85	Std. Units			1		04/14/20 12:22		
Field Specific Conductance	357	umhos/cm			1		04/14/20 12:22		
Oxygen, Dissolved	0	mg/L			1		04/14/20 12:22	7782-44-7	
REDOX	-51	mV			1		04/14/20 12:22		
Turbidity	11.7	NTU			1		04/14/20 12:22		
Temperature, Water (C)	5.29	deg C			1		04/14/20 12:22		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-20C**      **Lab ID: 40206244004**      Collected: 04/14/20 12:45      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.95J	ug/L	1.0	0.25	1		04/16/20 19:41	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 19:41	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 19:41	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 19:41	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 19:41	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 19:41	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:41	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 19:41	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 19:41	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 19:41	56-23-5	
Chlorobenzene	0.90J	ug/L	2.4	0.71	1		04/16/20 19:41	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 19:41	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 19:41	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 19:41	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 19:41	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 19:41	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 19:41	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 19:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 19:41	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 19:41	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 19:41	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 19:41	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 19:41	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 19:41	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 19:41	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:41	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 19:41	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 19:41	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 19:41	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:41	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 19:41	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 19:41	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 19:41	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 19:41	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 19:41	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 19:41	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 19:41	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 19:41	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 19:41	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 19:41	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 19:41	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 19:41	1634-04-4	
Naphthalene	5.1	ug/L	5.0	1.2	1		04/16/20 19:41	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 19:41	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 19:41	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-20C**      **Lab ID: 40206244004**      Collected: 04/14/20 12:45      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 19:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 19:41	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 19:41	127-18-4	
Tetrahydrofuran	8.4J	ug/L	20.0	2.3	1		04/16/20 19:41	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 19:41	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 19:41	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 19:41	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 19:41	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 19:41	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 19:41	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 19:41	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 19:41	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 19:41	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 19:41	108-67-8	
Vinyl chloride	0.53J	ug/L	1.0	0.17	1		04/16/20 19:41	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 19:41	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 19:41	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	80	%	70-130		1		04/16/20 19:41	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/16/20 19:41	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/16/20 19:41	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	7.22	Std. Units			1		04/14/20 12:45		
Field Specific Conductance	593	umhos/cm			1		04/14/20 12:45		
Oxygen, Dissolved	0	mg/L			1		04/14/20 12:45	7782-44-7	
REDOX	-114	mV			1		04/14/20 12:45		
Turbidity	2.8	NTU			1		04/14/20 12:45		
Temperature, Water (C)	6.3	deg C			1		04/14/20 12:45		

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-20C DUP**      **Lab ID: 40206244005**      Collected: 04/14/20 12:45      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.96J	ug/L	1.0	0.25	1		04/16/20 18:25	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 18:25	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 18:25	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 18:25	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 18:25	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 18:25	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:25	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 18:25	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 18:25	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 18:25	56-23-5	
Chlorobenzene	0.94J	ug/L	2.4	0.71	1		04/16/20 18:25	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 18:25	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 18:25	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 18:25	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 18:25	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 18:25	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 18:25	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 18:25	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 18:25	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 18:25	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:25	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 18:25	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 18:25	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 18:25	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 18:25	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:25	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 18:25	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 18:25	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 18:25	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:25	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 18:25	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 18:25	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 18:25	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 18:25	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 18:25	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 18:25	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 18:25	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 18:25	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 18:25	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 18:25	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 18:25	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 18:25	1634-04-4	
Naphthalene	5.6	ug/L	5.0	1.2	1		04/16/20 18:25	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 18:25	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 18:25	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-20C DUP**      **Lab ID: 40206244005**      Collected: 04/14/20 12:45      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 18:25	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:25	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 18:25	127-18-4	
Tetrahydrofuran	7.2J	ug/L	20.0	2.3	1		04/16/20 18:25	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 18:25	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 18:25	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 18:25	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 18:25	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 18:25	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 18:25	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 18:25	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 18:25	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 18:25	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 18:25	108-67-8	
Vinyl chloride	0.49J	ug/L	1.0	0.17	1		04/16/20 18:25	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 18:25	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 18:25	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	83	%	70-130		1		04/16/20 18:25	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/16/20 18:25	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		04/16/20 18:25	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	7.22	Std. Units			1		04/14/20 12:45		
Field Specific Conductance	593	umhos/cm			1		04/14/20 12:45		
Oxygen, Dissolved	0	mg/L			1		04/14/20 12:45	7782-44-7	
REDOX	-114	mV			1		04/14/20 12:45		
Turbidity	2.8	NTU			1		04/14/20 12:45		
Temperature, Water (C)	6.3	deg C			1		04/14/20 12:45		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

Sample: **MW-20B** Lab ID: **40206244006** Collected: 04/14/20 12:55 Received: 04/15/20 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.50J	ug/L	1.0	0.25	1		04/16/20 14:54	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 14:54	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 14:54	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 14:54	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 14:54	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 14:54	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 14:54	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 14:54	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 14:54	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 14:54	56-23-5	
Chlorobenzene	0.98J	ug/L	2.4	0.71	1		04/16/20 14:54	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 14:54	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 14:54	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 14:54	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 14:54	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 14:54	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 14:54	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 14:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 14:54	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 14:54	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 14:54	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 14:54	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 14:54	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 14:54	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 14:54	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 14:54	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 14:54	75-35-4	M1
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 14:54	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 14:54	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 14:54	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 14:54	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 14:54	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 14:54	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 14:54	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 14:54	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 14:54	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 14:54	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 14:54	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 14:54	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 14:54	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 14:54	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 14:54	1634-04-4	
Naphthalene	4.8J	ug/L	5.0	1.2	1		04/16/20 14:54	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 14:54	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 14:54	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-20B**      **Lab ID: 40206244006**      Collected: 04/14/20 12:55      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 14:54	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 14:54	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 14:54	127-18-4	
Tetrahydrofuran	4.5J	ug/L	20.0	2.3	1		04/16/20 14:54	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 14:54	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 14:54	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 14:54	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 14:54	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 14:54	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 14:54	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 14:54	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 14:54	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 14:54	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 14:54	108-67-8	
Vinyl chloride	0.30J	ug/L	1.0	0.17	1		04/16/20 14:54	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 14:54	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 14:54	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	82	%	70-130		1		04/16/20 14:54	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		04/16/20 14:54	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		04/16/20 14:54	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	7.17	Std. Units			1		04/14/20 12:55		
Field Specific Conductance	485	umhos/cm			1		04/14/20 12:55		
Oxygen, Dissolved	0	mg/L			1		04/14/20 12:55	7782-44-7	
REDOX	-144	mV			1		04/14/20 12:55		
Turbidity	3.4	NTU			1		04/14/20 12:55		
Temperature, Water (C)	6.93	deg C			1		04/14/20 12:55		

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-20A**      **Lab ID: 40206244007**      Collected: 04/14/20 13:14      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	1.4	ug/L	1.0	0.25	1		04/16/20 15:13	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 15:13	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 15:13	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 15:13	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 15:13	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 15:13	74-83-9	
n-Butylbenzene	1.9J	ug/L	2.4	0.71	1		04/16/20 15:13	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 15:13	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 15:13	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 15:13	56-23-5	
Chlorobenzene	4.8	ug/L	2.4	0.71	1		04/16/20 15:13	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 15:13	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 15:13	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 15:13	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 15:13	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 15:13	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 15:13	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 15:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 15:13	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 15:13	74-95-3	
1,2-Dichlorobenzene	0.75J	ug/L	2.4	0.71	1		04/16/20 15:13	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 15:13	541-73-1	
1,4-Dichlorobenzene	2.4J	ug/L	3.1	0.94	1		04/16/20 15:13	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 15:13	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 15:13	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 15:13	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 15:13	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 15:13	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 15:13	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 15:13	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 15:13	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 15:13	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 15:13	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 15:13	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 15:13	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 15:13	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 15:13	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 15:13	87-68-3	
Isopropylbenzene (Cumene)	4.1J	ug/L	5.6	1.7	1		04/16/20 15:13	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 15:13	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 15:13	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 15:13	1634-04-4	
Naphthalene	16.0	ug/L	5.0	1.2	1		04/16/20 15:13	91-20-3	
n-Propylbenzene	3.6J	ug/L	5.0	0.81	1		04/16/20 15:13	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 15:13	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-20A**      **Lab ID: 40206244007**      Collected: 04/14/20 13:14      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 15:13	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 15:13	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 15:13	127-18-4	
Tetrahydrofuran	6.9J	ug/L	20.0	2.3	1		04/16/20 15:13	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 15:13	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 15:13	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 15:13	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 15:13	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 15:13	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 15:13	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 15:13	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 15:13	96-18-4	
1,2,4-Trimethylbenzene	27.2	ug/L	2.8	0.84	1		04/16/20 15:13	95-63-6	
1,3,5-Trimethylbenzene	5.8	ug/L	2.9	0.87	1		04/16/20 15:13	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/16/20 15:13	75-01-4	
m&p-Xylene	54.9	ug/L	2.0	0.47	1		04/16/20 15:13	179601-23-1	
o-Xylene	1.4	ug/L	1.0	0.26	1		04/16/20 15:13	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	90	%	70-130		1		04/16/20 15:13	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/16/20 15:13	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		04/16/20 15:13	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	6.26	Std. Units			1		04/14/20 13:14		
Field Specific Conductance	709	umhos/cm			1		04/14/20 13:14		
Oxygen, Dissolved	0	mg/L			1		04/14/20 13:14	7782-44-7	
REDOX	-102	mV			1		04/14/20 13:14		
Turbidity	4.3	NTU			1		04/14/20 13:14		
Temperature, Water (C)	5.88	deg C			1		04/14/20 13:14		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-2A**      **Lab ID: 40206244008**      Collected: 04/14/20 13:48      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	28.9	ug/L	1.0	0.25	1		04/16/20 15:32	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 15:32	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 15:32	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 15:32	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 15:32	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 15:32	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 15:32	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 15:32	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 15:32	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 15:32	56-23-5	
Chlorobenzene	1.3J	ug/L	2.4	0.71	1		04/16/20 15:32	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 15:32	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 15:32	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 15:32	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 15:32	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 15:32	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 15:32	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 15:32	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 15:32	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 15:32	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 15:32	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 15:32	541-73-1	
1,4-Dichlorobenzene	1.4J	ug/L	3.1	0.94	1		04/16/20 15:32	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 15:32	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 15:32	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 15:32	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 15:32	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 15:32	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 15:32	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 15:32	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 15:32	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 15:32	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 15:32	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 15:32	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 15:32	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 15:32	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 15:32	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 15:32	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 15:32	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 15:32	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 15:32	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 15:32	1634-04-4	
Naphthalene	5.6	ug/L	5.0	1.2	1		04/16/20 15:32	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 15:32	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 15:32	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

**Sample: MW-2A**      **Lab ID: 40206244008**      Collected: 04/14/20 13:48      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 15:32	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 15:32	127-18-4	
Tetrahydrofuran	204	ug/L	20.0	2.3	1		04/16/20 15:32	109-99-9	
Toluene	0.37J	ug/L	0.90	0.27	1		04/16/20 15:32	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 15:32	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 15:32	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 15:32	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 15:32	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 15:32	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 15:32	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 15:32	96-18-4	
1,2,4-Trimethylbenzene	2.7J	ug/L	2.8	0.84	1		04/16/20 15:32	95-63-6	
1,3,5-Trimethylbenzene	2.0J	ug/L	2.9	0.87	1		04/16/20 15:32	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/16/20 15:32	75-01-4	
m&p-Xylene	4.9	ug/L	2.0	0.47	1		04/16/20 15:32	179601-23-1	
o-Xylene	0.63J	ug/L	1.0	0.26	1		04/16/20 15:32	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/16/20 15:32	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		04/16/20 15:32	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		04/16/20 15:32	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	6.41	Std. Units			1		04/14/20 13:48		
Field Specific Conductance	3750	umhos/cm			1		04/14/20 13:48		
Oxygen, Dissolved	0	mg/L			1		04/14/20 13:48	7782-44-7	
REDOX	-84	mV			1		04/14/20 13:48		
Turbidity	17	NTU			1		04/14/20 13:48		
Temperature, Water (C)	3.78	deg C			1		04/14/20 13:48		
<b>350.1 Ammonia</b>									
Analytical Method: EPA 350.1									
Pace Analytical Services - Green Bay									
Nitrogen, Ammonia	251	mg/L	17.4	5.2	20		04/21/20 16:04	7664-41-7	
<b>351.2 Total Kjeldahl Nitrogen</b>									
Analytical Method: EPA 351.2 Preparation Method: EPA 351.2									
Pace Analytical Services - Green Bay									
Nitrogen, Kjeldahl, Total	256	mg/L	20.0	4.2	20	04/16/20 13:40	04/16/20 19:42	7727-37-9	

### REPORT OF LABORATORY ANALYSIS

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



## ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-2B**      **Lab ID: 40206244009**      Collected: 04/14/20 13:50      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	0.88J	ug/L	1.0	0.25	1		04/16/20 18:44	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 18:44	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 18:44	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 18:44	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 18:44	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 18:44	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:44	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 18:44	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 18:44	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 18:44	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:44	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 18:44	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 18:44	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 18:44	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 18:44	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 18:44	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 18:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 18:44	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 18:44	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 18:44	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 18:44	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 18:44	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 18:44	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 18:44	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:44	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 18:44	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 18:44	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 18:44	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:44	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 18:44	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 18:44	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 18:44	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 18:44	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 18:44	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 18:44	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 18:44	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 18:44	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 18:44	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 18:44	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 18:44	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 18:44	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/16/20 18:44	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 18:44	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 18:44	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: MW-2B**      **Lab ID: 40206244009**      Collected: 04/14/20 13:50      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 18:44	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 18:44	127-18-4	
Tetrahydrofuran	17.4J	ug/L	20.0	2.3	1		04/16/20 18:44	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 18:44	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 18:44	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 18:44	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 18:44	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 18:44	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 18:44	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 18:44	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 18:44	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 18:44	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 18:44	108-67-8	
Vinyl chloride	0.64J	ug/L	1.0	0.17	1		04/16/20 18:44	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 18:44	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 18:44	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	81	%	70-130		1		04/16/20 18:44	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		04/16/20 18:44	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		04/16/20 18:44	2037-26-5	
<b>Field Data</b>									
Analytical Method:									
Pace Analytical Services - Green Bay									
Field pH	6.82	Std. Units			1		04/14/20 13:50		
Field Specific Conductance	647	umhos/cm			1		04/14/20 13:50		
Oxygen, Dissolved	0	mg/L			1		04/14/20 13:50	7782-44-7	
REDOX	-52	mV			1		04/14/20 13:50		
Turbidity	1.3	NTU			1		04/14/20 13:50		
Temperature, Water (C)	6.41	deg C			1		04/14/20 13:50		

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: TRIP BLANK**      **Lab ID: 40206244010**      Collected: 04/14/20 00:00      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.25	ug/L	1.0	0.25	1		04/16/20 13:57	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/16/20 13:57	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/16/20 13:57	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/16/20 13:57	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/16/20 13:57	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/16/20 13:57	74-83-9	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 13:57	104-51-8	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/16/20 13:57	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/16/20 13:57	98-06-6	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/16/20 13:57	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 13:57	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/16/20 13:57	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/16/20 13:57	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/16/20 13:57	74-87-3	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/16/20 13:57	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/16/20 13:57	106-43-4	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/16/20 13:57	96-12-8	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/16/20 13:57	124-48-1	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/16/20 13:57	106-93-4	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/16/20 13:57	74-95-3	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/16/20 13:57	95-50-1	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/16/20 13:57	541-73-1	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/16/20 13:57	106-46-7	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/16/20 13:57	75-71-8	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 13:57	75-34-3	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 13:57	107-06-2	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/16/20 13:57	75-35-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/16/20 13:57	156-59-2	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/16/20 13:57	156-60-5	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/16/20 13:57	78-87-5	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/16/20 13:57	142-28-9	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/16/20 13:57	594-20-7	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/16/20 13:57	563-58-6	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/16/20 13:57	10061-01-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/16/20 13:57	10061-02-6	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/16/20 13:57	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/16/20 13:57	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/16/20 13:57	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/16/20 13:57	98-82-8	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/16/20 13:57	99-87-6	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/16/20 13:57	75-09-2	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/16/20 13:57	1634-04-4	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/16/20 13:57	91-20-3	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/16/20 13:57	103-65-1	
Styrene	<3.0	ug/L	10.0	3.0	1		04/16/20 13:57	100-42-5	

### REPORT OF LABORATORY ANALYSIS

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

### ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

**Sample: TRIP BLANK**      **Lab ID: 40206244010**      Collected: 04/14/20 00:00      Received: 04/15/20 09:00      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/16/20 13:57	630-20-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/16/20 13:57	79-34-5	
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/16/20 13:57	127-18-4	
Tetrahydrofuran	<2.3	ug/L	20.0	2.3	1		04/16/20 13:57	109-99-9	
Toluene	<0.27	ug/L	0.90	0.27	1		04/16/20 13:57	108-88-3	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/16/20 13:57	87-61-6	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/16/20 13:57	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/16/20 13:57	71-55-6	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/16/20 13:57	79-00-5	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/16/20 13:57	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/16/20 13:57	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/16/20 13:57	96-18-4	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/16/20 13:57	95-63-6	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/16/20 13:57	108-67-8	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/16/20 13:57	75-01-4	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/16/20 13:57	179601-23-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/16/20 13:57	95-47-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	83	%	70-130		1		04/16/20 13:57	460-00-4	HS
Dibromofluoromethane (S)	107	%	70-130		1		04/16/20 13:57	1868-53-7	
Toluene-d8 (S)	103	%	70-130		1		04/16/20 13:57	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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





### QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

METHOD BLANK: 2041443 Matrix: Water  
Associated Lab Samples: 40206244001, 40206244002, 40206244003, 40206244004, 40206244005, 40206244006, 40206244007, 40206244008, 40206244009, 40206244010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	04/16/20 12:02	
Ethylbenzene	ug/L	<0.32	1.1	04/16/20 12:02	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	04/16/20 12:02	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	04/16/20 12:02	
m&p-Xylene	ug/L	<0.47	2.0	04/16/20 12:02	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	04/16/20 12:02	
Methylene Chloride	ug/L	<0.58	5.0	04/16/20 12:02	
n-Butylbenzene	ug/L	<0.71	2.4	04/16/20 12:02	
n-Propylbenzene	ug/L	<0.81	5.0	04/16/20 12:02	
Naphthalene	ug/L	<1.2	5.0	04/16/20 12:02	
o-Xylene	ug/L	<0.26	1.0	04/16/20 12:02	
p-Isopropyltoluene	ug/L	<0.80	2.7	04/16/20 12:02	
sec-Butylbenzene	ug/L	<0.85	5.0	04/16/20 12:02	
Styrene	ug/L	<3.0	10.0	04/16/20 12:02	
tert-Butylbenzene	ug/L	<0.30	1.0	04/16/20 12:02	
Tetrachloroethene	ug/L	<0.33	1.1	04/16/20 12:02	
Tetrahydrofuran	ug/L	<2.3	20.0	04/16/20 12:02	
Toluene	ug/L	<0.27	0.90	04/16/20 12:02	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	04/16/20 12:02	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	04/16/20 12:02	
Trichloroethene	ug/L	<0.26	1.0	04/16/20 12:02	
Trichlorofluoromethane	ug/L	<0.21	1.0	04/16/20 12:02	
Vinyl chloride	ug/L	<0.17	1.0	04/16/20 12:02	
4-Bromofluorobenzene (S)	%	84	70-130	04/16/20 12:02	
Dibromofluoromethane (S)	%	99	70-130	04/16/20 12:02	
Toluene-d8 (S)	%	100	70-130	04/16/20 12:02	

LABORATORY CONTROL SAMPLE: 2041444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	64-131	
1,1,2-Trichloroethane	ug/L	50	49.5	99	70-130	
1,1-Dichloroethane	ug/L	50	51.1	102	69-163	
1,1-Dichloroethene	ug/L	50	39.0	78	77-123	
1,2,4-Trichlorobenzene	ug/L	50	45.4	91	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.3	97	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	44.3	89	70-130	
1,2-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,2-Dichloroethane	ug/L	50	44.3	89	78-142	
1,2-Dichloropropane	ug/L	50	49.3	99	86-134	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,4-Dichlorobenzene	ug/L	50	52.6	105	70-130	

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

LABORATORY CONTROL SAMPLE: 2041444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.5	103	70-130	
Bromodichloromethane	ug/L	50	48.1	96	70-130	
Bromoform	ug/L	50	40.3	81	70-130	
Bromomethane	ug/L	50	29.5	59	39-129	
Carbon tetrachloride	ug/L	50	47.1	94	70-132	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	37.7	75	66-140	
Chloroform	ug/L	50	50.1	100	75-132	
Chloromethane	ug/L	50	33.0	66	32-143	
cis-1,2-Dichloroethene	ug/L	50	49.7	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	44.7	89	70-130	
Dibromochloromethane	ug/L	50	43.8	88	70-130	
Dichlorodifluoromethane	ug/L	50	26.1	52	10-141	
Ethylbenzene	ug/L	50	49.9	100	80-120	
Isopropylbenzene (Cumene)	ug/L	50	48.6	97	70-130	
m&p-Xylene	ug/L	100	97.7	98	70-130	
Methyl-tert-butyl ether	ug/L	50	41.4	83	61-129	
Methylene Chloride	ug/L	50	48.1	96	70-130	
o-Xylene	ug/L	50	47.8	96	70-130	
Styrene	ug/L	50	48.3	97	70-130	
Tetrachloroethene	ug/L	50	44.2	88	70-130	
Toluene	ug/L	50	51.6	103	80-120	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.2	86	69-130	
Trichloroethene	ug/L	50	48.8	98	70-130	
Trichlorofluoromethane	ug/L	50	42.4	85	75-145	
Vinyl chloride	ug/L	50	31.8	64	51-140	
4-Bromofluorobenzene (S)	%				88	70-130
Dibromofluoromethane (S)	%				106	70-130
Toluene-d8 (S)	%				105	70-130

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2042374 2042375

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40206244006	Spike Conc.	Spike Conc.	Result								
1,1,1-Trichloroethane	ug/L	<0.24	50	50	48.2	44.9	96	90	70-130	7	20		
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	55.2	55.4	110	111	64-137	0	20		
1,1,2-Trichloroethane	ug/L	<0.55	50	50	48.7	45.7	97	91	70-137	6	20		
1,1-Dichloroethane	ug/L	<0.27	50	50	51.4	48.6	103	97	69-163	6	20		
1,1-Dichloroethene	ug/L	<0.24	50	50	43.0	38.2	86	76	77-129	12	20	M1	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	47.3	47.8	95	96	68-130	1	20		
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	47.6	43.6	95	87	60-130	9	20		
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	44.1	41.4	88	83	70-130	6	20		
1,2-Dichlorobenzene	ug/L	<0.71	50	50	53.3	51.0	106	101	70-130	4	20		

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2042374		2042375		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		40206244006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloroethane	ug/L	<0.28	50	50	46.5	42.9	93	86	78-145	8	20		
1,2-Dichloropropane	ug/L	<0.28	50	50	49.8	50.0	100	100	86-135	0	20		
1,3-Dichlorobenzene	ug/L	<0.63	50	50	52.0	51.2	104	102	70-130	1	20		
1,4-Dichlorobenzene	ug/L	<0.94	50	50	53.0	50.9	106	101	70-130	4	20		
Benzene	ug/L	0.50J	50	50	53.8	49.1	107	97	70-136	9	20		
Bromodichloromethane	ug/L	<0.36	50	50	48.9	47.7	98	95	70-130	2	20		
Bromoform	ug/L	<4.0	50	50	40.6	37.9	81	76	69-130	7	20		
Bromomethane	ug/L	<0.97	50	50	33.6	30.3	67	61	39-138	10	20		
Carbon tetrachloride	ug/L	<1.1	50	50	49.4	46.5	99	93	70-142	6	20		
Chlorobenzene	ug/L	0.98J	50	50	51.8	50.8	102	100	70-130	2	20		
Chloroethane	ug/L	<1.3	50	50	37.9	35.0	76	70	61-149	8	20		
Chloroform	ug/L	<1.3	50	50	50.8	47.7	102	95	75-133	6	20		
Chloromethane	ug/L	<2.2	50	50	33.8	32.6	68	65	32-143	4	20		
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	51.2	47.6	102	95	70-130	7	20		
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	45.2	44.9	90	90	70-130	1	20		
Dibromochloromethane	ug/L	<2.6	50	50	43.9	40.1	88	80	70-130	9	20		
Dichlorodifluoromethane	ug/L	<0.50	50	50	27.0	27.0	54	54	10-141	0	20		
Ethylbenzene	ug/L	<0.32	50	50	52.1	50.6	104	101	80-120	3	20		
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	50.2	47.9	100	96	70-130	5	20		
m&p-Xylene	ug/L	<0.47	100	100	99.0	94.9	99	95	70-130	4	20		
Methyl-tert-butyl ether	ug/L	<1.2	50	50	41.3	39.1	83	78	61-136	5	20		
Methylene Chloride	ug/L	<0.58	50	50	48.5	46.9	97	94	68-137	3	20		
o-Xylene	ug/L	<0.26	50	50	48.5	46.3	97	93	70-130	5	20		
Styrene	ug/L	<3.0	50	50	49.1	46.9	98	94	70-130	5	20		
Tetrachloroethene	ug/L	<0.33	50	50	42.7	42.4	85	85	70-130	1	20		
Toluene	ug/L	<0.27	50	50	51.3	50.8	103	102	80-120	1	20		
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	50.6	47.2	101	94	70-130	7	20		
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	42.7	39.7	85	79	69-130	7	20		
Trichloroethene	ug/L	<0.26	50	50	49.3	49.5	99	99	70-130	1	20		
Trichlorofluoromethane	ug/L	<0.21	50	50	43.6	41.2	87	82	74-157	6	20		
Vinyl chloride	ug/L	0.30J	50	50	31.6	30.5	63	60	51-140	4	20		
4-Bromofluorobenzene (S)	%						91	88	70-130				
Dibromofluoromethane (S)	%						107	102	70-130				
Toluene-d8 (S)	%						101	103	70-130				

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

### REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

QC Batch: 353049	Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1	Analysis Description: 350.1 Ammonia
	Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40206244008

METHOD BLANK: 2043919 Matrix: Water

Associated Lab Samples: 40206244008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	<0.26	0.87	04/21/20 15:58	

LABORATORY CONTROL SAMPLE: 2043920

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	10	10.1	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2043921 2043922

Parameter	Units	2043921		2043922		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40206243001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
Nitrogen, Ammonia	mg/L	1.1	10	10	11.1	11.1	100	100	90-110	0	20	

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

### REPORT OF LABORATORY ANALYSIS

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



### QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

QC Batch: 352737 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: 40206244008

METHOD BLANK: 2041893 Matrix: Water

Associated Lab Samples: 40206244008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	<0.21	1.0	04/16/20 18:31	

LABORATORY CONTROL SAMPLE: 2041894

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: 2041895 2041896

Parameter	Units	2041895		2041896		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40206240001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Nitrogen, Kjeldahl, Total	mg/L	49.6	20	20	69.4	67.1	99	87	90-110	3	20 M0

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2041898 2041899

Parameter	Units	2041898		2041899		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		40206292001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Nitrogen, Kjeldahl, Total	mg/L	0.30J	5	5	5.4	5.6	102	106	90-110	4	20

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

### REPORT OF LABORATORY ANALYSIS

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

## QUALIFIERS

Project: 11115796 RHINELANDER LF

Pace Project No.: 40206244

---

### 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

HS Results are from sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).

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

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

## REPORT OF LABORATORY ANALYSIS

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

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11115796 RHINELANDER LF  
Pace Project No.: 40206244

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40206244001	MW-16C	EPA 8260	352641		
40206244002	MW-16B	EPA 8260	352641		
40206244003	MW-16A	EPA 8260	352641		
40206244004	MW-20C	EPA 8260	352641		
40206244005	MW-20C DUP	EPA 8260	352641		
40206244006	MW-20B	EPA 8260	352641		
40206244007	MW-20A	EPA 8260	352641		
40206244008	MW-2A	EPA 8260	352641		
40206244009	MW-2B	EPA 8260	352641		
40206244010	TRIP BLANK	EPA 8260	352641		
40206244001	MW-16C				
40206244002	MW-16B				
40206244003	MW-16A				
40206244004	MW-20C				
40206244005	MW-20C DUP				
40206244006	MW-20B				
40206244007	MW-20A				
40206244008	MW-2A				
40206244009	MW-2B				
40206244008	MW-2A	EPA 350.1	353049		
40206244008	MW-2A	EPA 351.2	352737	EPA 351.2	352758

### REPORT OF LABORATORY ANALYSIS

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

(Please Print Clearly)

Company Name: **GH**  
 Branch/Location: **St. Paul**  
 Project Contact: **Grant Anderson**  
 Phone: **651 639 0913**  
 Project Number: **1115796**  
 Project Name: **Rhineland LP**  
 Project State: **WI**  
 Sampled By (Print): **RAamo**  
 Sampled By (Sign): *[Signature]*  
 PO #:   
 Regulatory Program:



UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-2436

### 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	Matrix Codes
N	D	VOC + tetrahydrofuran	W = Water
N	C	Ammonia; TKX	DW = Drinking Water
			GW = Ground Water
			SW = Surface Water
			WW = Waste Water
			WP = Wipe

Quote #: **4000024**  
 see 550w  
 Mail To Contact:  
 Mail To Company:  
 Mail To Address:  
 Invoice To Contact:  
 Invoice To Company:  
 Invoice To Address:  
 Invoice To Phone:  
 CLIENT COMMENTS  
 LAB COMMENTS (Lab Use Only)  
 Profile #

**Data Package Options** (billable)  
 EPA Level III  
 EPA Level IV

**MS/MSD**  
 On your sample (billable)  
 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
		DATE	TIME	
001	W-200414-Pt-01	4/19/20	1200	W6
002	Pt-02		1202	
003	Pt-03		1222	
004	Pt-04		1245	
005	Pt-05		1245	
006	Pt-06		1255	
007	Pt-07		1314	
008	Pt-08		1348	
009	W-200414-Pt-09		1350	
010	trip blank			

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge)  
 Date Needed:   
 Relinquished By: *[Signature]* Date/Time: **4/19/20 1500**  
 Received By: *[Signature]* Date/Time:   
 Transmit Prelim Rush Results by (complete what you want): **Fedex** Date/Time: **4/19/20 0600**  
 Received By: *[Signature]* Date/Time: **4/19/20 0900**  
 Email #1:   
 Email #2:   
 Telephone:   
 Fax:   
 Samples on HOLD are subject to special pricing and release of liability

PACE Project No. **4000024**  
 Receipt Temp = **102** °C  
 Sample Receipt pH **OK / Adjusted**  
 Cooler Custody Seal **Present / Not Present**  
 Intact / Not Intact

# Pace Container Order #632176

40200244

Addresses		Ship To :	Return To:
<b>Order By :</b>			
Company	GHD SERVICES	Company	GHD SERVICES (Pace Analytical Green)
Contact	Anderson, Grant	Contact	Ryan Aamot
Email	grant.anderson@ghd.com	Email	ryan.aamot@ghd.com
Address	1801 Old Highway 8 Northwest	Address	1801 Old Highway 8 Northwest
Address 2	Suite 114	Address 2	Suite 114
City	Saint Paul	City	Saint Paul
State	MN Zip 55112	State	MN Zip 55112
Phone	(651) 639-0913	Phone	(651) 639-0913
Company		Company	Pace Analytical Green Bay
Contact		Contact	Milewsky, Dan
Email		Email	dan.milewsky@pacelabs.com
Address		Address	1241 Bellevue Street
Address 2		Address 2	Suite 9
City		City	Green Bay
State		State	WI Zip 54302
Phone		Phone	(920)469-2436

Info			
<b>Project Name</b>	Rhineland LF Groundwater	<b>Due Date</b>	03/27/2020
<b>Project Manager</b>	Milewsky, Dan	<b>Return Date</b>	
<b>Profile</b>	x	<b>Carrier</b>	FedEx Standard Overnight
<b>Quote</b>		<b>Location</b>	

**Trip Blanks**

Include Trip Blanks

**Bottle Labels**

Blank

Pre-Printed No Sample IDs

Pre-Printed With Sample IDs

**Bottles**

Boxed Cases

Individually Wrapped

Grouped By Sample ID/Matrix

**Return Shipping Labels**

No Shipper

With Shipper

**Misc**

Sampling Instructions

Custody Seal

Temp. Blanks

Coolers

Syringes

Extra Bubble Wrap

Short Hold/Rush Stickers

DI Water

USDA Regulated Soils

**COC Options**

Number of Blanks

Pre-Printed

# of Samples	Matrix	Test	Container	Total	# of	Lot #	Notes
2	WT	Trip BLANK	2-40mL HCL w/custody seal	4	0	B-9-222-01VB	
12	WT	VOC W/ List	3-40ml clear vial HCl-hydrochloric acid	36	0	B-0-039-01VB	
2	WT	Ammonia and TKN	250mL plastic H2SO4	2	0	M-9-295-07BB	

### Hazard Shipping Placard In Place : NA

\*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

\*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

\*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

\*Payment term are net 30 days.

\*Please include the proposal number on the chain of custody to insure proper billing.

### LAB USE:

<b>Ship Date :</b>	03/26/2020
<b>Prepared By:</b>	Mai Yer Her
<b>Verified By:</b>	

### Sample

### CLIENT USE (Optional):

<b>Date Rec'd:</b>	
<b>Received By:</b>	
<b>Verified By:</b>	



### Sample Preservation Receipt Form

Client Name: GHD

Project # 4020244

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

Initial when completed: [Signature] Date/Time:

Lab Lot# of pH paper: 1052791 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)					
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN		
001																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													1			3																			2.5 / 5 / 10
009																3																			2.5 / 5 / 10
010																4																			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

4/15/20  
K.P.

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

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



Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

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

Project #:

**WO# : 40206244**



**Client Name:** GHD

**Courier:**  CS Logistics  Fed Ex  Speedee  UPS  Walco  
 Client  Pace Other: \_\_\_\_\_

**Tracking #:** 8152 5165 3825

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

**Cooler Temperature** Uncorr: LOI / Corr: \_\_\_\_\_

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

Temp should be above freezing to 6°C.

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

<b>Person examining contents:</b>
Date: <u>4/15/20</u> / Initials: <u>NO</u>
Labeled By Initials: <u>IK</u>

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
<b>Short Hold Time Analysis (&lt;72hr):</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
<b>Rush Turn Around Time Requested:</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:	8. <u>Received</u>	
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>Received 6 extra empty vials.</u>	<u>4/15/20</u> <u>UP</u>
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 LISTED ON ALL SAMPLES.</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		<u>4/15/20</u> <u>UP</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>441</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