August 22, 2016 Reference No. 11115796

Mr. John Sager
Wisconsin Department of Natural Resources
1701 N. 4th Street
Superior, WI 54880

Dear Mr. Sager:

Re: Groundwater Monitoring, June 2016
Rhinelander Landfill (#00686)

On behalf of the Rhinelander Landfill Group (RLG), GHD Services, Inc. (GHD) is submitting the semi-annual sampling results for the June 2016 sampling event for the Rhinelander Landfill in Rhinelander, Wisconsin.

The semi-annual groundwater monitoring event was scheduled to take place in April 2016. The RLG retained GHD to conduct the sampling activities. Due to the switch of consultants, the sampling activities were pushed back to June 2016.

The June 2016 sampling event was conducted on June 29th and 30th. 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 Rhinelander dated April 29, 2016.

A total of 9 monitoring wells (MW-2A, MW-2B, MW-16A, MW-16B, MW-16C, NW-20A, MW-20B, MW-20C, and MW-28A) were sampled as a part of the sampling event. 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 exceedences is presented in Attachment B. The laboratory analytical report is presented as Attachment C.

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

The annual sampling round is currently scheduled for October 2016.

GHD
1801 Old Highway 8 Northwest Suite 114 St Paul Minnesota 55112 USA
T 651 639 0913 **F** 651 639 0923 **W** www.ghd.com

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

Sincerely,

GHD

Ryan Aamot

Encl.

cc: Carrie Miljevich, City of Rhinelander (via email)
Kristina Aschenbrenner, 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

Attachment A
WDNR Form 4400 231
(Environmental Monitoring Data Certification)

State of Wisconsin
Department of Natural Resources

Environmental Monitoring Data Certification

Form 4400-231(R 1/04)

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
  Bureau of Waste Management
  Wisconsin Department of Natural Resources
  101 South Webster Street
  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 E-mail address:

Name: Dan Milewsky/Pace Analytical Phone: (920) 412-8566

E-mail: Dan.Milewsky@pacelabs.com

Facility name:	License # / Monitoring ID	Facility ID [FID]	Actual sampling dates (e.g., July 2-6, 2003)
Former City of Rhinelander Ladfill	00686		June 29-30

The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)

June 2016

Type of Data Submitted (Check all that apply)

- [x] 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.
- [x] 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.

Ryan Aamot	Project Manager	(651) 639-0913
Facility Representative Name (Print)	Title	(Area Code) Telephone No.

Signature _____ Date August 22, 2016

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
DNR Exceedences Summary

Landfill Name: 11115796 RHINELANDER LF WE

License Number: 00686

Report Period: 160601

Pace Analytical Services, Inc.

DNR Exceedance Summary

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
6/30/2016	007	34030	34.6	ug/L	ES		134675008	MW-2A	01	Benzene	0.5	5
6/30/2016	007	34030	36.6	ug/L	ES		134675009	MW-2A	02	Benzene	0.5	5
6/30/2016	007	01020	1900	ug/L	ES		134675008	MW-2A	01	Boron, Dissolved	200	1000
6/30/2016	007	01020	1880	ug/L	ES		134675009	MW-2A	02	Boron, Dissolved	200	1000
6/30/2016	007	01046	64200	ug/L	ES		134675008	MW-2A	01	Iron, Dissolved	150	300
6/30/2016	007	01046	64300	ug/L	ES		134675009	MW-2A	02	Iron, Dissolved	150	300
6/30/2016	007	01056	676	ug/L	ES		134675008	MW-2A	01	Manganese, Dissolved	25	50
6/30/2016	007	01056	676	ug/L	ES		134675009	MW-2A	02	Manganese, Dissolved	25	50
6/30/2016	007	00610	289	mg/L	ES		134675009	MW-2A	02	Nitrogen, Ammonia	0.97	9.7
6/30/2016	007	00610	287	mg/L	ES		134675008	MW-2A	01	Nitrogen, Ammonia	0.97	9.7
6/30/2016	007	81607	202	ug/L	ES		134675009	MW-2A	02	Tetrahydrofuran	10	50
6/30/2016	007	81607	210	ug/L	ES		134675008	MW-2A	01	Tetrahydrofuran	10	50
6/30/2016	009	34030	J 0.77	ug/L	PAL		134675010	MW-2B	01	Benzene	0.5	5
6/30/2016	009	01046	21200	ug/L	ES		134675010	MW-2B	01	Iron, Dissolved	150	300
6/30/2016	009	01056	1200	ug/L	ES		134675010	MW-2B	01	Manganese, Dissolved	25	50
6/30/2016	009	81607	17.2	ug/L	PAL		134675010	MW-2B	01	Tetrahydrofuran	10	50
6/30/2016	009	39175	J 0.59	ug/L	ES		134675010	MW-2B	01	Vinyl chloride	0.02	0.2
6/29/2016	069	34030	J 0.76	ug/L	PAL		134675004	MW-16A	01	Benzene	0.5	5
6/29/2016	069	01046	1320	ug/L	ES		134675004	MW-16A	01	Iron, Dissolved	150	300
6/29/2016	069	01056	4440	ug/L	ES		134675004	MW-16A	01	Manganese, Dissolved	25	50
6/29/2016	069	39175	1.2	ug/L	ES		134675004	MW-16A	01	Vinyl chloride	0.02	0.2
6/29/2016	071	34030	1.1	ug/L	PAL		134675005	MW-16B	01	Benzene	0.5	5
6/29/2016	071	01046	36200	ug/L	ES		134675005	MW-16B	01	Iron, Dissolved	150	300

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTriplictate; 09-Non-field Lab Replicate
< qualifier indicates reported value (RV) was not detected at or above the MDL.

Landfill Name: 11115796 RHINELANDER LF WE

License Number: 00686

Report Period: 160601

Pace Analytical Services, Inc.

DNR Exceedance Summary

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
6/29/2016	071	01056	3760	ug/L	ES		134675005	MW-16B	01	Manganese, Dissolved	25	50
6/29/2016	071	39175	J 0.59	ug/L	ES		134675005	MW-16B	01	Vinyl chloride	0.02	0.2
6/29/2016	073	34030	1.1	ug/L	PAL		134675006	MW-16C	01	Benzene	0.5	5
6/29/2016	073	01046	24400	ug/L	ES		134675006	MW-16C	01	Iron, Dissolved	150	300
6/29/2016	073	01056	1940	ug/L	ES		134675006	MW-16C	01	Manganese, Dissolved	25	50
6/29/2016	073	81607	11.9	ug/L	PAL		134675006	MW-16C	01	Tetrahydrofuran	10	50
6/29/2016	073	39175	J 0.39	ug/L	ES		134675006	MW-16C	01	Vinyl chloride	0.02	0.2
6/29/2016	093	34030	1.7	ug/L	PAL		134675001	MW-20A	01	Benzene	0.5	5
6/29/2016	093	01020	689	ug/L	PAL		134675001	MW-20A	01	Boron, Dissolved	200	1000
6/29/2016	093	01046	76500	ug/L	ES		134675001	MW-20A	01	Iron, Dissolved	150	300
6/29/2016	093	01056	788	ug/L	ES		134675001	MW-20A	01	Manganese, Dissolved	25	50
6/29/2016	093	34696	19.5	ug/L	PAL		134675001	MW-20A	01	Naphthalene	10	100
6/29/2016	093	81607	10.7	ug/L	PAL		134675001	MW-20A	01	Tetrahydrofuran	10	50
6/29/2016	095	34030	J 0.63	ug/L	PAL		134675002	MW-20B	01	Benzene	0.5	5
6/29/2016	095	01046	17600	ug/L	ES		134675002	MW-20B	01	Iron, Dissolved	150	300
6/29/2016	095	01056	1140	ug/L	ES		134675002	MW-20B	01	Manganese, Dissolved	25	50
6/29/2016	095	34696	15.4	ug/L	PAL		134675002	MW-20B	01	Naphthalene	10	100
6/29/2016	095	81607	12.2	ug/L	PAL		134675002	MW-20B	01	Tetrahydrofuran	10	50
6/29/2016	095	39175	J 0.76	ug/L	ES		134675002	MW-20B	01	Vinyl chloride	0.02	0.2
6/29/2016	097	34030	J 0.81	ug/L	PAL		134675003	MW-20C	01	Benzene	0.5	5
6/29/2016	097	01046	20900	ug/L	ES		134675003	MW-20C	01	Iron, Dissolved	150	300
6/29/2016	097	01056	1380	ug/L	ES		134675003	MW-20C	01	Manganese, Dissolved	25	50
6/29/2016	097	39175	1.1	ug/L	ES		134675003	MW-20C	01	Vinyl chloride	0.02	0.2

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTriplictate; 09-Non-field Lab Replicate
< qualifier indicates reported value (RV) was not detected at or above the MDL.

Landfill Name: 11115796 RHINELANDER LF WE

License Number: 00686

Report Period: 160601

Pace Analytical Services, Inc.

DNR Exceedance Summary

Smp Date	SPN	PCN	RV	Units	Type	Location	Lab Number	Sample ID	MSI	Parameter	PAL	ES
6/30/2016	136	34030	J 0.99	ug/L	PAL		134675007	MW-28A	01	Benzene	0.5	5
6/30/2016	136	01020	283	ug/L	PAL		134675007	MW-28A	01	Boron, Dissolved	200	1000
6/30/2016	136	01046	5680	ug/L	ES		134675007	MW-28A	01	Iron, Dissolved	150	300
6/30/2016	136	01056	548	ug/L	ES		134675007	MW-28A	01	Manganese, Dissolved	25	50
6/30/2016	136	81607	59.3	ug/L	ES		134675007	MW-28A	01	Tetrahydrofuran	10	50
6/30/2016	136	39175	2.4	ug/L	ES		134675007	MW-28A	01	Vinyl chloride	0.02	0.2

Exceedance type: PAL-Preventive Action Limit; ES-Enforcement Standard; *-EnforcementStandard Within DMZ; ACL-Alternative Concentration Limit.
MSI: 01-Sample; 02-Sample Duplicate; 03-SampleTriplictate; 09-Non-field Lab Replicate
< qualifier indicates reported value (RV) was not detected at or above the MDL.

Attachment C
Laboratory Report

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

July 20, 2016

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

RE: Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Dear Grant Anderson:
Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Dan Milewsky
dan.milewsky@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP Certification ID: 460263
Virginia VELAP ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40134675001	**MW-20A**	Water	06/29/16 16:30	07/01/16 08:10
40134675002	**MW-20B**	Water	06/29/16 17:00	07/01/16 08:10
40134675003	**MW-20C**	Water	06/29/16 16:40	07/01/16 08:10
40134675004	**MW-16A**	Water	06/29/16 17:43	07/01/16 08:10
40134675005	**MW-16B**	Water	06/29/16 17:48	07/01/16 08:10
40134675006	**MW-16C**	Water	06/29/16 17:43	07/01/16 08:10
40134675007	**MW-28A**	Water	06/30/16 10:15	07/01/16 08:10
40134675008	**MW-2A**	Water	06/30/16 11:00	07/01/16 08:10
40134675009	**MW-2A DUP**	Water	06/30/16 11:00	07/01/16 08:10
40134675010	**MW-2B**	Water	06/30/16 11:20	07/01/16 08:10
40134675011	**TRIP BLANK**	Water	06/30/16 00:00	07/01/16 08:10

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40134675001	**MW-20A**	EPA 6010	DLB	4
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675002	**MW-20B**	EPA 6010	DLB	3
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675003	**MW-20C**	EPA 6010	DLB	3
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675004	**MW-16A**	EPA 6010	DLB	3
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675005	**MW-16B**	EPA 6010	DLB	3
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675006	**MW-16C**	EPA 6010	DLB	3
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675007	**MW-28A**	EPA 6010	DLB	4
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675008	**MW-2A**	EPA 6010	DLB	4
		EPA 8260	HNW	65

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Lab ID	Sample ID	Method	Analysts	Analytes Reported
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
		EPA 350.1	TMK	1
		EPA 351.2	TMK	1
40134675009	**MW-2A DUP**	EPA 6010	DLB	4
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
		EPA 350.1	TMK	1
		EPA 351.2	TMK	1
40134675010	**MW-2B**	EPA 6010	DLB	3
		EPA 8260	HNW	65
			AMH	6
		SM 2320B	DDY	1
		EPA 300.0	HMB	1
40134675011	**TRIP BLANK**	EPA 8260	HNW	65

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-20A **Lab ID: 40134675001** Collected: 06/29/16 16:30 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Boron, Dissolved	**689**	ug/L	100	4.4	1		07/06/16 12:27	7440-42-8	
Iron, Dissolved	**76500**	ug/L	100	12.9	1		07/06/16 12:27	7439-89-6	
Manganese, Dissolved	**788**	ug/L	5.0	1.4	1		07/06/16 12:27	7439-96-5	
Total Hardness by 2340B, Dissolved	**198**	mg/L	2.0	0.15	1		07/06/16 12:27		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**1.7**	ug/L	1.0	0.50	1		07/05/16 18:13	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:13	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 18:13	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 18:13	74-83-9	
n-Butylbenzene	**1.4**	ug/L	1.0	0.50	1		07/05/16 18:13	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:13	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:13	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	56-23-5	
Chlorobenzene	**6.9**	ug/L	1.0	0.50	1		07/05/16 18:13	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 18:13	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 18:13	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 18:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:13	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:13	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 18:13	74-95-3	
1,2-Dichlorobenzene	**1.2**	ug/L	1.0	0.50	1		07/05/16 18:13	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	541-73-1	
1,4-Dichlorobenzene	**2.3**	ug/L	1.0	0.50	1		07/05/16 18:13	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 18:13	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/05/16 18:13	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 18:13	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 18:13	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 18:13	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 18:13	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:13	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 18:13	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 18:13	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:13	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 18:13	87-68-3	
Isopropylbenzene (Cumene)	**4.7**	ug/L	1.0	0.14	1		07/05/16 18:13	98-82-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-20A **Lab ID: 40134675001** Collected: 06/29/16 16:30 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
p-Isopropyltoluene	**0.59J**	ug/L	1.0	0.50	1		07/05/16 18:13	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:13	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 18:13	1634-04-4	
Naphthalene	**19.5**	ug/L	5.0	2.5	1		07/05/16 18:13	91-20-3	
n-Propylbenzene	**3.5**	ug/L	1.0	0.50	1		07/05/16 18:13	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 18:13	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	127-18-4	
Tetrahydrofuran	**10.7**	ug/L	5.0	2.0	1		07/05/16 18:13	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 18:13	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:13	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 18:13	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 18:13	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:13	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:13	96-18-4	
1,2,4-Trimethylbenzene	**22.9**	ug/L	1.0	0.50	1		07/05/16 18:13	95-63-6	
1,3,5-Trimethylbenzene	**5.2**	ug/L	1.0	0.50	1		07/05/16 18:13	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:13	75-01-4	
m&p-Xylene	**82.5**	ug/L	2.0	1.0	1		07/05/16 18:13	179601-23-1	
o-Xylene	**3.3**	ug/L	1.0	0.50	1		07/05/16 18:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		07/05/16 18:13	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		07/05/16 18:13	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/05/16 18:13	2037-26-5	
Field Data	Analytical Method:								
Field pH	**6.78**	Std. Units			1		06/29/16 16:30		
Field Specific Conductance	**1020**	umhos/cm			1		06/29/16 16:30		
Oxygen, Dissolved	**0**	mg/L			1		06/29/16 16:30	7782-44-7	
REDOX	**12**	mV			1		06/29/16 16:30		
Turbidity	**0**	NTU			1		06/29/16 16:30		
Temperature, Water (C)	**10.29**	deg C			1		06/29/16 16:30		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**385**	mg/L	10.0	5.0	1		07/05/16 11:06		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**14.3J**	mg/L	20.0	10.0	5		07/13/16 17:51	16887-00-6	D3

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-20B **Lab ID: 40134675002** Collected: 06/29/16 17:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**17600**	ug/L	100	12.9	1		07/06/16 12:30	7439-89-6	
Manganese, Dissolved	**1140**	ug/L	5.0	1.4	1		07/06/16 16:47	7439-96-5	
Total Hardness by 2340B, Dissolved	**164**	mg/L	2.0	0.15	1		07/06/16 12:30		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.63J**	ug/L	1.0	0.50	1		07/05/16 18:34	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:34	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 18:34	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 18:34	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:34	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:34	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 18:34	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 18:34	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 18:34	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:34	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:34	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 18:34	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 18:34	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/05/16 18:34	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 18:34	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 18:34	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 18:34	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 18:34	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:34	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 18:34	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 18:34	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:34	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 18:34	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 18:34	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-20B **Lab ID: 40134675002** Collected: 06/29/16 17:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:34	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 18:34	1634-04-4	
Naphthalene	**15.4**	ug/L	5.0	2.5	1		07/05/16 18:34	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 18:34	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	127-18-4	
Tetrahydrofuran	**12.2**	ug/L	5.0	2.0	1		07/05/16 18:34	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 18:34	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:34	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 18:34	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 18:34	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:34	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	108-67-8	
Vinyl chloride	**0.76J**	ug/L	1.0	0.18	1		07/05/16 18:34	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 18:34	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		07/05/16 18:34	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		07/05/16 18:34	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/05/16 18:34	2037-26-5	
Field Data	Analytical Method:								
Field pH	**6.87**	Std. Units			1		06/29/16 17:00		
Field Specific Conductance	**527**	umhos/cm			1		06/29/16 17:00		
Oxygen, Dissolved	**0**	mg/L			1		06/29/16 17:00	7782-44-7	
REDOX	**-10**	mV			1		06/29/16 17:00		
Turbidity	**0**	NTU			1		06/29/16 17:00		
Temperature, Water (C)	**8.09**	deg C			1		06/29/16 17:00		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**160**	mg/L	10.0	5.0	1		07/05/16 11:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**40.4**	mg/L	20.0	10.0	5		07/13/16 18:25	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-20C **Lab ID: 40134675003** Collected: 06/29/16 16:40 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**20900**	ug/L	100	12.9	1		07/06/16 12:32	7439-89-6	
Manganese, Dissolved	**1380**	ug/L	5.0	1.4	1		07/06/16 12:32	7439-96-5	
Total Hardness by 2340B, Dissolved	**179**	mg/L	2.0	0.15	1		07/06/16 12:32		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.81J**	ug/L	1.0	0.50	1		07/05/16 18:56	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:56	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 18:56	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 18:56	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:56	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:56	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	56-23-5	
Chlorobenzene	**0.56J**	ug/L	1.0	0.50	1		07/05/16 18:56	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 18:56	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 18:56	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 18:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:56	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:56	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 18:56	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 18:56	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/05/16 18:56	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 18:56	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 18:56	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 18:56	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 18:56	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:56	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 18:56	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 18:56	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:56	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 18:56	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 18:56	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-20C **Lab ID: 40134675003** Collected: 06/29/16 16:40 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 18:56	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 18:56	1634-04-4	
Naphthalene	**8.3**	ug/L	5.0	2.5	1		07/05/16 18:56	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:56	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 18:56	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	127-18-4	
Tetrahydrofuran	**8.1**	ug/L	5.0	2.0	1		07/05/16 18:56	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 18:56	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 18:56	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 18:56	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 18:56	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 18:56	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	108-67-8	
Vinyl chloride	**1.1**	ug/L	1.0	0.18	1		07/05/16 18:56	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 18:56	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 18:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130		1		07/05/16 18:56	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/05/16 18:56	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/05/16 18:56	2037-26-5	
Field Data	Analytical Method:								
Field pH	**7.45**	Std. Units			1		06/29/16 16:40		
Field Specific Conductance	**593**	umhos/cm			1		06/29/16 16:40		
Oxygen, Dissolved	**0**	mg/L			1		06/29/16 16:40	7782-44-7	
REDOX	**-35**	mV			1		06/29/16 16:40		
Turbidity	**N**	NTU			1		06/29/16 16:40		
Temperature, Water (C)	**8.24**	deg C			1		06/29/16 16:40		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**182**	mg/L	10.0	5.0	1		07/05/16 11:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**40.0**	mg/L	20.0	10.0	5		07/13/16 18:36	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-16A **Lab ID: 40134675004** Collected: 06/29/16 17:43 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**1320**	ug/L	100	12.9	1		07/06/16 12:34	7439-89-6	
Manganese, Dissolved	**4440**	ug/L	5.0	1.4	1		07/06/16 12:34	7439-96-5	
Total Hardness by 2340B, Dissolved	**209**	mg/L	2.0	0.15	1		07/06/16 12:34		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.76J**	ug/L	1.0	0.50	1		07/05/16 19:17	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:17	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 19:17	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 19:17	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 19:17	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:17	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 19:17	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 19:17	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 19:17	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:17	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 19:17	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 19:17	75-71-8	
1,1-Dichloroethane	**0.30J**	ug/L	1.0	0.24	1		07/05/16 19:17	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 19:17	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 19:17	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 19:17	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 19:17	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:17	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 19:17	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 19:17	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:17	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 19:17	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 19:17	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-16A **Lab ID: 40134675004** Collected: 06/29/16 17:43 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:17	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 19:17	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/05/16 19:17	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 19:17	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/05/16 19:17	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 19:17	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 19:17	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 19:17	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 19:17	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:17	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	108-67-8	
Vinyl chloride	**1.2**	ug/L	1.0	0.18	1		07/05/16 19:17	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 19:17	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		07/05/16 19:17	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/05/16 19:17	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/05/16 19:17	2037-26-5	
Field Data	Analytical Method:								
Field pH	**7.15**	Std. Units			1		06/29/16 17:43		
Field Specific Conductance	**548**	umhos/cm			1		06/29/16 17:43		
Oxygen, Dissolved	**0**	mg/L			1		06/29/16 17:43	7782-44-7	
REDOX	**62**	mV			1		06/29/16 17:43		
Turbidity	**N**	NTU			1		06/29/16 17:43		
Temperature, Water (C)	**9.83**	deg C			1		06/29/16 17:43		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**225**	mg/L	10.0	5.0	1		07/05/16 11:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**24.5**	mg/L	4.0	2.0	1		07/13/16 18:47	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-16B **Lab ID: 40134675005** Collected: 06/29/16 17:48 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**36200**	ug/L	100	12.9	1		07/06/16 12:41	7439-89-6	
Manganese, Dissolved	**3760**	ug/L	5.0	1.4	1		07/06/16 12:41	7439-96-5	
Total Hardness by 2340B, Dissolved	**216**	mg/L	2.0	0.15	1		07/06/16 12:41		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**1.1**	ug/L	1.0	0.50	1		07/05/16 19:38	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:38	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 19:38	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 19:38	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 19:38	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:38	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 19:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 19:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 19:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 19:38	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:38	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 19:38	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 19:38	75-71-8	
1,1-Dichloroethane	**0.40J**	ug/L	1.0	0.24	1		07/05/16 19:38	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 19:38	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 19:38	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 19:38	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 19:38	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:38	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 19:38	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 19:38	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:38	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 19:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 19:38	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	99-87-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-16B **Lab ID: 40134675005** Collected: 06/29/16 17:48 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 19:38	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 19:38	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/05/16 19:38	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:38	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 19:38	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	127-18-4	
Tetrahydrofuran	**4.6J**	ug/L	5.0	2.0	1		07/05/16 19:38	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 19:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 19:38	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 19:38	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 19:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 19:38	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	108-67-8	
Vinyl chloride	**0.59J**	ug/L	1.0	0.18	1		07/05/16 19:38	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 19:38	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 19:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		07/05/16 19:38	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		07/05/16 19:38	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		07/05/16 19:38	2037-26-5	
Field Data	Analytical Method:								
Field pH	**7.23**	Std. Units			1		06/29/16 17:48		
Field Specific Conductance	**673**	umhos/cm			1		06/29/16 17:48		
Oxygen, Dissolved	**0**	mg/L			1		06/29/16 17:48	7782-44-7	
REDOX	**-35**	mV			1		06/29/16 17:48		
Turbidity	**N**	NTU			1		06/29/16 17:48		
Temperature, Water (C)	**11.17**	deg C			1		06/29/16 17:48		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**234**	mg/L	10.0	5.0	1		07/05/16 11:47		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**32.9**	mg/L	20.0	10.0	5		07/13/16 18:58	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-16C **Lab ID: 40134675006** Collected: 06/29/16 17:43 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**24400**	ug/L	100	12.9	1		07/06/16 13:26	7439-89-6	
Manganese, Dissolved	**1940**	ug/L	5.0	1.4	1		07/06/16 13:26	7439-96-5	
Total Hardness by 2340B, Dissolved	**221**	mg/L	2.0	0.15	1		07/06/16 13:26		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**1.1**	ug/L	1.0	0.50	1		07/05/16 20:00	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:00	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 20:00	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 20:00	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:00	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:00	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	56-23-5	
Chlorobenzene	**0.51J**	ug/L	1.0	0.50	1		07/05/16 20:00	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 20:00	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 20:00	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 20:00	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:00	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:00	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 20:00	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 20:00	75-71-8	
1,1-Dichloroethane	**0.35J**	ug/L	1.0	0.24	1		07/05/16 20:00	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 20:00	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 20:00	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 20:00	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 20:00	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:00	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 20:00	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 20:00	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:00	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 20:00	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 20:00	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-16C **Lab ID: 40134675006** Collected: 06/29/16 17:43 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:00	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 20:00	1634-04-4	
Naphthalene	**2.6J**	ug/L	5.0	2.5	1		07/05/16 20:00	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:00	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 20:00	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	127-18-4	
Tetrahydrofuran	**11.9**	ug/L	5.0	2.0	1		07/05/16 20:00	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 20:00	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:00	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 20:00	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 20:00	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:00	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	108-67-8	
Vinyl chloride	**0.39J**	ug/L	1.0	0.18	1		07/05/16 20:00	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 20:00	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	70-130		1		07/05/16 20:00	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/05/16 20:00	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/05/16 20:00	2037-26-5	
Field Data	Analytical Method:								
Field pH	**6.12**	Std. Units			1		06/29/16 17:43		
Field Specific Conductance	**467**	umhos/cm			1		06/29/16 17:43		
Oxygen, Dissolved	**0**	mg/L			1		06/29/16 17:43	7782-44-7	
REDOX	**20**	mV			1		06/29/16 17:43		
Turbidity	**N**	NTU			1		06/29/16 17:43		
Temperature, Water (C)	**9.52**	deg C			1		06/29/16 17:43		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**245**	mg/L	10.0	5.0	1		07/05/16 11:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**34.6**	mg/L	20.0	10.0	5		07/13/16 19:09	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-28A **Lab ID: 40134675007** Collected: 06/30/16 10:15 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Boron, Dissolved	**283**	ug/L	100	4.4	1		07/06/16 13:29	7440-42-8	
Iron, Dissolved	**5680**	ug/L	100	12.9	1		07/06/16 13:29	7439-89-6	
Manganese, Dissolved	**548**	ug/L	5.0	1.4	1		07/06/16 13:29	7439-96-5	
Total Hardness by 2340B, Dissolved	**312**	mg/L	2.0	0.15	1		07/06/16 13:29		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.99J**	ug/L	1.0	0.50	1		07/05/16 20:21	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:21	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 20:21	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 20:21	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:21	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:21	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 20:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 20:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 20:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:21	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:21	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 20:21	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	541-73-1	
1,4-Dichlorobenzene	**1.1**	ug/L	1.0	0.50	1		07/05/16 20:21	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 20:21	75-71-8	
1,1-Dichloroethane	**0.26J**	ug/L	1.0	0.24	1		07/05/16 20:21	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 20:21	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 20:21	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 20:21	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 20:21	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:21	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 20:21	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 20:21	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:21	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 20:21	87-68-3	
Isopropylbenzene (Cumene)	**0.15J**	ug/L	1.0	0.14	1		07/05/16 20:21	98-82-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-28A **Lab ID: 40134675007** Collected: 06/30/16 10:15 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:21	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 20:21	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/05/16 20:21	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:21	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 20:21	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	127-18-4	
Tetrahydrofuran	**59.3**	ug/L	5.0	2.0	1		07/05/16 20:21	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 20:21	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:21	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 20:21	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 20:21	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:21	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	108-67-8	
Vinyl chloride	**2.4**	ug/L	1.0	0.18	1		07/05/16 20:21	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 20:21	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130		1		07/05/16 20:21	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		07/05/16 20:21	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/05/16 20:21	2037-26-5	
Field Data	Analytical Method:								
Field pH	**6.9**	Std. Units			1		06/30/16 10:15		
Field Specific Conductance	**730**	umhos/cm			1		06/30/16 10:15		
Oxygen, Dissolved	**0**	mg/L			1		06/30/16 10:15	7782-44-7	
REDOX	**-20**	mV			1		06/30/16 10:15		
Turbidity	**0**	NTU			1		06/30/16 10:15		
Temperature, Water (C)	**9.74**	deg C			1		06/30/16 10:15		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**314**	mg/L	10.0	5.0	1		07/05/16 12:26		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**25.1**	mg/L	20.0	10.0	5		07/13/16 19:20	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2A **Lab ID: 40134675008** Collected: 06/30/16 11:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Boron, Dissolved	**1900**	ug/L	100	4.4	1		07/06/16 13:31	7440-42-8	
Iron, Dissolved	**64200**	ug/L	100	12.9	1		07/06/16 13:31	7439-89-6	
Manganese, Dissolved	**676**	ug/L	5.0	1.4	1		07/06/16 13:31	7439-96-5	
Total Hardness by 2340B, Dissolved	**1080**	mg/L	2.0	0.15	1		07/06/16 13:31		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**34.6**	ug/L	5.0	2.5	5		07/06/16 02:44	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:44	108-86-1	
Bromochloromethane	**<1.7**	ug/L	5.0	1.7	5		07/06/16 02:44	74-97-5	
Bromodichloromethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	75-27-4	
Bromoform	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	75-25-2	
Bromomethane	**<12.2**	ug/L	25.0	12.2	5		07/06/16 02:44	74-83-9	
n-Butylbenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	104-51-8	
sec-Butylbenzene	**<10.9**	ug/L	25.0	10.9	5		07/06/16 02:44	135-98-8	
tert-Butylbenzene	**<0.90**	ug/L	5.0	0.90	5		07/06/16 02:44	98-06-6	
Carbon tetrachloride	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	56-23-5	
Chlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	108-90-7	
Chloroethane	**<1.9**	ug/L	5.0	1.9	5		07/06/16 02:44	75-00-3	
Chloroform	**<12.5**	ug/L	25.0	12.5	5		07/06/16 02:44	67-66-3	
Chloromethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	74-87-3	
2-Chlorotoluene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	95-49-8	
4-Chlorotoluene	**<1.1**	ug/L	5.0	1.1	5		07/06/16 02:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<10.8**	ug/L	25.0	10.8	5		07/06/16 02:44	96-12-8	
Dibromochloromethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.89**	ug/L	5.0	0.89	5		07/06/16 02:44	106-93-4	
Dibromomethane	**<2.1**	ug/L	5.0	2.1	5		07/06/16 02:44	74-95-3	
1,2-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	95-50-1	
1,3-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	541-73-1	
1,4-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	5.0	1.1	5		07/06/16 02:44	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:44	75-34-3	
1,2-Dichloroethane	**<0.84**	ug/L	5.0	0.84	5		07/06/16 02:44	107-06-2	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		07/06/16 02:44	75-35-4	
cis-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		07/06/16 02:44	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		07/06/16 02:44	156-60-5	
1,2-Dichloropropane	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:44	78-87-5	
1,3-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	142-28-9	
2,2-Dichloropropane	**<2.4**	ug/L	5.0	2.4	5		07/06/16 02:44	594-20-7	
1,1-Dichloropropene	**<2.2**	ug/L	5.0	2.2	5		07/06/16 02:44	563-58-6	
cis-1,3-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	5.0	1.1	5		07/06/16 02:44	10061-02-6	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	108-20-3	
Ethylbenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	100-41-4	
Hexachloro-1,3-butadiene	**<10.5**	ug/L	25.0	10.5	5		07/06/16 02:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.72**	ug/L	5.0	0.72	5		07/06/16 02:44	98-82-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2A **Lab ID: 40134675008** Collected: 06/30/16 11:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
p-Isopropyltoluene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	99-87-6	
Methylene Chloride	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:44	75-09-2	
Methyl-tert-butyl ether	**<0.87**	ug/L	5.0	0.87	5		07/06/16 02:44	1634-04-4	
Naphthalene	**<12.5**	ug/L	25.0	12.5	5		07/06/16 02:44	91-20-3	
n-Propylbenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	103-65-1	
Styrene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.90**	ug/L	5.0	0.90	5		07/06/16 02:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:44	79-34-5	
Tetrachloroethene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	127-18-4	
Tetrahydrofuran	**210**	ug/L	25.0	10.2	5		07/06/16 02:44	109-99-9	
Toluene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	108-88-3	
1,2,3-Trichlorobenzene	**<10.7**	ug/L	25.0	10.7	5		07/06/16 02:44	87-61-6	
1,2,4-Trichlorobenzene	**<11.0**	ug/L	25.0	11.0	5		07/06/16 02:44	120-82-1	
1,1,1-Trichloroethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	71-55-6	
1,1,2-Trichloroethane	**<0.99**	ug/L	5.0	0.99	5		07/06/16 02:44	79-00-5	
Trichloroethene	**<1.7**	ug/L	5.0	1.7	5		07/06/16 02:44	79-01-6	
Trichlorofluoromethane	**<0.92**	ug/L	5.0	0.92	5		07/06/16 02:44	75-69-4	
1,2,3-Trichloropropane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	96-18-4	
1,2,4-Trimethylbenzene	**4.2J**	ug/L	5.0	2.5	5		07/06/16 02:44	95-63-6	
1,3,5-Trimethylbenzene	**3.2J**	ug/L	5.0	2.5	5		07/06/16 02:44	108-67-8	
Vinyl chloride	**<0.88**	ug/L	5.0	0.88	5		07/06/16 02:44	75-01-4	
m&p-Xylene	**8.5J**	ug/L	10.0	5.0	5		07/06/16 02:44	179601-23-1	
o-Xylene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	80	%	70-130		5		07/06/16 02:44	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		5		07/06/16 02:44	1868-53-7	
Toluene-d8 (S)	97	%	70-130		5		07/06/16 02:44	2037-26-5	
Field Data	Analytical Method:								
Field pH	**6.64**	Std. Units			1		06/30/16 11:00		
Field Specific Conductance	**4440**	umhos/cm			1		06/30/16 11:00		
Oxygen, Dissolved	**0**	mg/L			1		06/30/16 11:00	7782-44-7	
REDOX	**-96**	mV			1		06/30/16 11:00		
Turbidity	**0**	NTU			1		06/30/16 11:00		
Temperature, Water (C)	**8.22**	deg C			1		06/30/16 11:00		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**2300**	mg/L	10.0	5.0	1		07/06/16 10:40		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**67.5**	mg/L	20.0	10.0	5		07/13/16 19:31	16887-00-6	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**287**	mg/L	10.0	5.0	20		07/13/16 18:09	7664-41-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2A **Lab ID: 40134675008** Collected: 06/30/16 11:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**284**	mg/L	14.6	4.4	20	07/05/16 12:55	07/05/16 17:10	7727-37-9	

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2A DUP **Lab ID: 40134675009** Collected: 06/30/16 11:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Boron, Dissolved	**1880**	ug/L	100	4.4	1		07/06/16 13:38	7440-42-8	
Iron, Dissolved	**64300**	ug/L	100	12.9	1		07/06/16 13:38	7439-89-6	
Manganese, Dissolved	**676**	ug/L	5.0	1.4	1		07/06/16 13:38	7439-96-5	
Total Hardness by 2340B, Dissolved	**1090**	mg/L	2.0	0.15	1		07/06/16 13:38		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**36.6**	ug/L	5.0	2.5	5		07/06/16 02:23	71-43-2	
Bromobenzene	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:23	108-86-1	
Bromochloromethane	**<1.7**	ug/L	5.0	1.7	5		07/06/16 02:23	74-97-5	
Bromodichloromethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	75-27-4	
Bromoform	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	75-25-2	
Bromomethane	**<12.2**	ug/L	25.0	12.2	5		07/06/16 02:23	74-83-9	
n-Butylbenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	104-51-8	
sec-Butylbenzene	**<10.9**	ug/L	25.0	10.9	5		07/06/16 02:23	135-98-8	
tert-Butylbenzene	**<0.90**	ug/L	5.0	0.90	5		07/06/16 02:23	98-06-6	
Carbon tetrachloride	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	56-23-5	
Chlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	108-90-7	
Chloroethane	**<1.9**	ug/L	5.0	1.9	5		07/06/16 02:23	75-00-3	
Chloroform	**<12.5**	ug/L	25.0	12.5	5		07/06/16 02:23	67-66-3	
Chloromethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	74-87-3	
2-Chlorotoluene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	95-49-8	
4-Chlorotoluene	**<1.1**	ug/L	5.0	1.1	5		07/06/16 02:23	106-43-4	
1,2-Dibromo-3-chloropropane	**<10.8**	ug/L	25.0	10.8	5		07/06/16 02:23	96-12-8	
Dibromochloromethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	124-48-1	
1,2-Dibromoethane (EDB)	**<0.89**	ug/L	5.0	0.89	5		07/06/16 02:23	106-93-4	
Dibromomethane	**<2.1**	ug/L	5.0	2.1	5		07/06/16 02:23	74-95-3	
1,2-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	95-50-1	
1,3-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	541-73-1	
1,4-Dichlorobenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	106-46-7	
Dichlorodifluoromethane	**<1.1**	ug/L	5.0	1.1	5		07/06/16 02:23	75-71-8	
1,1-Dichloroethane	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:23	75-34-3	
1,2-Dichloroethane	**<0.84**	ug/L	5.0	0.84	5		07/06/16 02:23	107-06-2	
1,1-Dichloroethene	**<2.1**	ug/L	5.0	2.1	5		07/06/16 02:23	75-35-4	
cis-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		07/06/16 02:23	156-59-2	
trans-1,2-Dichloroethene	**<1.3**	ug/L	5.0	1.3	5		07/06/16 02:23	156-60-5	
1,2-Dichloropropane	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:23	78-87-5	
1,3-Dichloropropane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	142-28-9	
2,2-Dichloropropane	**<2.4**	ug/L	5.0	2.4	5		07/06/16 02:23	594-20-7	
1,1-Dichloropropene	**<2.2**	ug/L	5.0	2.2	5		07/06/16 02:23	563-58-6	
cis-1,3-Dichloropropene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	10061-01-5	
trans-1,3-Dichloropropene	**<1.1**	ug/L	5.0	1.1	5		07/06/16 02:23	10061-02-6	
Diisopropyl ether	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	108-20-3	
Ethylbenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	100-41-4	
Hexachloro-1,3-butadiene	**<10.5**	ug/L	25.0	10.5	5		07/06/16 02:23	87-68-3	
Isopropylbenzene (Cumene)	**0.75J**	ug/L	5.0	0.72	5		07/06/16 02:23	98-82-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2A DUP **Lab ID: 40134675009** Collected: 06/30/16 11:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
p-Isopropyltoluene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	99-87-6	
Methylene Chloride	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:23	75-09-2	
Methyl-tert-butyl ether	**<0.87**	ug/L	5.0	0.87	5		07/06/16 02:23	1634-04-4	
Naphthalene	**<12.5**	ug/L	25.0	12.5	5		07/06/16 02:23	91-20-3	
n-Propylbenzene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	103-65-1	
Styrene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.90**	ug/L	5.0	0.90	5		07/06/16 02:23	630-20-6	
1,1,2,2-Tetrachloroethane	**<1.2**	ug/L	5.0	1.2	5		07/06/16 02:23	79-34-5	
Tetrachloroethene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	127-18-4	
Tetrahydrofuran	**202**	ug/L	25.0	10.2	5		07/06/16 02:23	109-99-9	
Toluene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	108-88-3	
1,2,3-Trichlorobenzene	**<10.7**	ug/L	25.0	10.7	5		07/06/16 02:23	87-61-6	
1,2,4-Trichlorobenzene	**<11.0**	ug/L	25.0	11.0	5		07/06/16 02:23	120-82-1	
1,1,1-Trichloroethane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	71-55-6	
1,1,2-Trichloroethane	**<0.99**	ug/L	5.0	0.99	5		07/06/16 02:23	79-00-5	
Trichloroethene	**<1.7**	ug/L	5.0	1.7	5		07/06/16 02:23	79-01-6	
Trichlorofluoromethane	**<0.92**	ug/L	5.0	0.92	5		07/06/16 02:23	75-69-4	
1,2,3-Trichloropropane	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	96-18-4	
1,2,4-Trimethylbenzene	**3.9J**	ug/L	5.0	2.5	5		07/06/16 02:23	95-63-6	
1,3,5-Trimethylbenzene	**3.1J**	ug/L	5.0	2.5	5		07/06/16 02:23	108-67-8	
Vinyl chloride	**<0.88**	ug/L	5.0	0.88	5		07/06/16 02:23	75-01-4	
m&p-Xylene	**8.5J**	ug/L	10.0	5.0	5		07/06/16 02:23	179601-23-1	
o-Xylene	**<2.5**	ug/L	5.0	2.5	5		07/06/16 02:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	79	%	70-130		5		07/06/16 02:23	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		5		07/06/16 02:23	1868-53-7	
Toluene-d8 (S)	96	%	70-130		5		07/06/16 02:23	2037-26-5	
Field Data	Analytical Method:								
Field pH	**6.64**	Std. Units			1		06/30/16 11:00		
Field Specific Conductance	**4440**	umhos/cm			1		06/30/16 11:00		
Oxygen, Dissolved	**0**	mg/L			1		06/30/16 11:00	7782-44-7	
REDOX	**-96**	mV			1		06/30/16 11:00		
Turbidity	**0**	NTU			1		06/30/16 11:00		
Temperature, Water (C)	**8.22**	deg C			1		06/30/16 11:00		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**2310**	mg/L	10.0	5.0	1		07/06/16 11:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**67.8**	mg/L	20.0	10.0	5		07/13/16 19:42	16887-00-6	
350.1 Ammonia	Analytical Method: EPA 350.1								
Nitrogen, Ammonia	**289**	mg/L	10.0	5.0	20		07/13/16 18:01	7664-41-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2A DUP **Lab ID: 40134675009** Collected: 06/30/16 11:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Preparation Method: EPA 351.2								
Nitrogen, Kjeldahl, Total	**279**	mg/L	14.6	4.4	20	07/05/16 12:55	07/05/16 17:11	7727-37-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2B **Lab ID: 40134675010** Collected: 06/30/16 11:20 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010								
Iron, Dissolved	**21200**	ug/L	100	12.9	1		07/06/16 13:40	7439-89-6	
Manganese, Dissolved	**1200**	ug/L	5.0	1.4	1		07/06/16 13:40	7439-96-5	
Total Hardness by 2340B, Dissolved	**179**	mg/L	2.0	0.15	1		07/06/16 13:40		
8260 MSV	Analytical Method: EPA 8260								
Benzene	**0.77J**	ug/L	1.0	0.50	1		07/05/16 20:42	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:42	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 20:42	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 20:42	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:42	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:42	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 20:42	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 20:42	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 20:42	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:42	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:42	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 20:42	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 20:42	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/05/16 20:42	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 20:42	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 20:42	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 20:42	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 20:42	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:42	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 20:42	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 20:42	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:42	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 20:42	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 20:42	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	99-87-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: MW-2B **Lab ID: 40134675010** Collected: 06/30/16 11:20 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 20:42	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 20:42	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/05/16 20:42	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:42	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 20:42	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	127-18-4	
Tetrahydrofuran	**17.2**	ug/L	5.0	2.0	1		07/05/16 20:42	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 20:42	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 20:42	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 20:42	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 20:42	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 20:42	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	108-67-8	
Vinyl chloride	**0.59J**	ug/L	1.0	0.18	1		07/05/16 20:42	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 20:42	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 20:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130		1		07/05/16 20:42	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		07/05/16 20:42	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		07/05/16 20:42	2037-26-5	
Field Data	Analytical Method:								
Field pH	**7.44**	Std. Units			1		06/30/16 11:20		
Field Specific Conductance	**640**	umhos/cm			1		06/30/16 11:20		
Oxygen, Dissolved	**0**	mg/L			1		06/30/16 11:20	7782-44-7	
REDOX	**-99**	mV			1		06/30/16 11:20		
Turbidity	**0**	NTU			1		06/30/16 11:20		
Temperature, Water (C)	**9.54**	deg C			1		06/30/16 11:20		
2320B Alkalinity	Analytical Method: SM 2320B								
Alkalinity, Total as CaCO3	**226**	mg/L	10.0	5.0	1		07/05/16 13:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
Chloride	**28.7**	mg/L	20.0	10.0	5		07/13/16 19:53	16887-00-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: TRIP BLANK **Lab ID: 40134675011** Collected: 06/30/16 00:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 23:54	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		07/05/16 23:54	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		07/05/16 23:54	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 23:54	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		07/05/16 23:54	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		07/05/16 23:54	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		07/05/16 23:54	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		07/05/16 23:54	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		07/05/16 23:54	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		07/05/16 23:54	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		07/05/16 23:54	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		07/05/16 23:54	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		07/05/16 23:54	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		07/05/16 23:54	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		07/05/16 23:54	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 23:54	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		07/05/16 23:54	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		07/05/16 23:54	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		07/05/16 23:54	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		07/05/16 23:54	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		07/05/16 23:54	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 23:54	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		07/05/16 23:54	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		07/05/16 23:54	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		07/05/16 23:54	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		07/05/16 23:54	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 23:54	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

ANALYTICAL RESULTS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Sample: TRIP BLANK **Lab ID: 40134675011** Collected: 06/30/16 00:00 Received: 07/01/16 08:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.25**	ug/L	1.0	0.25	1		07/05/16 23:54	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	127-18-4	
Tetrahydrofuran	**<2.0**	ug/L	5.0	2.0	1		07/05/16 23:54	109-99-9	
Toluene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		07/05/16 23:54	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		07/05/16 23:54	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		07/05/16 23:54	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		07/05/16 23:54	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		07/05/16 23:54	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		07/05/16 23:54	75-01-4	
m&p-Xylene	**<1.0**	ug/L	2.0	1.0	1		07/05/16 23:54	179601-23-1	
o-Xylene	**<0.50**	ug/L	1.0	0.50	1		07/05/16 23:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	82	%	70-130		1		07/05/16 23:54	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		07/05/16 23:54	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		07/05/16 23:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 229008 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005

METHOD BLANK: 1359694 Matrix: Water
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Boron, Dissolved	ug/L	<4.4	100	07/06/16 11:44	
Iron, Dissolved	ug/L	<12.9	100	07/06/16 11:44	
Manganese, Dissolved	ug/L	<1.4	5.0	07/06/16 11:44	
Total Hardness by 2340B, Dissolved	mg/L	<0.15	2.0	07/06/16 11:44	

LABORATORY CONTROL SAMPLE: 1359695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron, Dissolved	ug/L	500	482	96	80-120	
Iron, Dissolved	ug/L	5000	4860	97	80-120	
Manganese, Dissolved	ug/L	500	478	96	80-120	
Total Hardness by 2340B, Dissolved	mg/L		31.5			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359696 1359697

Parameter	Units	40134725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron, Dissolved	ug/L	410	500	500	892	891	97	96	75-125	0	20	
Iron, Dissolved	ug/L	8740	5000	5000	13400	13400	94	94	75-125	0	20	
Manganese, Dissolved	ug/L	862	500	500	1310	1310	90	90	75-125	0	20	
Total Hardness by 2340B, Dissolved	mg/L	573000 ug/L			589	592				1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 229011 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 40134675006, 40134675007, 40134675008, 40134675009, 40134675010

METHOD BLANK: 1359703 Matrix: Water
Associated Lab Samples: 40134675006, 40134675007, 40134675008, 40134675009, 40134675010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Boron, Dissolved	ug/L	<4.4	100	07/06/16 12:51	
Iron, Dissolved	ug/L	<12.9	100	07/06/16 12:51	
Manganese, Dissolved	ug/L	<1.4	5.0	07/06/16 12:51	
Total Hardness by 2340B, Dissolved	mg/L	0.16J	2.0	07/06/16 12:51	

LABORATORY CONTROL SAMPLE: 1359704

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron, Dissolved	ug/L	500	490	98	80-120	
Iron, Dissolved	ug/L	5000	4930	99	80-120	
Manganese, Dissolved	ug/L	500	484	97	80-120	
Total Hardness by 2340B, Dissolved	mg/L		32.1			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359705 1359706

Parameter	Units	40134703001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron, Dissolved	ug/L	98.6J	500	500	595	590	99	98	75-125	1	20	
Iron, Dissolved	ug/L	13900	5000	5000	18400	18400	91	89	75-125	0	20	
Manganese, Dissolved	ug/L	2320	500	500	2740	2720	84	80	75-125	1	20	
Total Hardness by 2340B, Dissolved	mg/L	545000 ug/L			562	559				0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 228867 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675008, 40134675009, 40134675010, 40134675011

METHOD BLANK: 1358684 Matrix: Water
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675008, 40134675009, 40134675010, 40134675011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	07/05/16 16:48	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	07/05/16 16:48	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	07/05/16 16:48	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	07/05/16 16:48	
1,1-Dichloroethane	ug/L	<0.24	1.0	07/05/16 16:48	
1,1-Dichloroethene	ug/L	<0.41	1.0	07/05/16 16:48	
1,1-Dichloropropene	ug/L	<0.44	1.0	07/05/16 16:48	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	07/05/16 16:48	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	07/05/16 16:48	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	07/05/16 16:48	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	07/05/16 16:48	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	07/05/16 16:48	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	07/05/16 16:48	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	07/05/16 16:48	
1,2-Dichloroethane	ug/L	<0.17	1.0	07/05/16 16:48	
1,2-Dichloropropane	ug/L	<0.23	1.0	07/05/16 16:48	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	07/05/16 16:48	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	07/05/16 16:48	
1,3-Dichloropropane	ug/L	<0.50	1.0	07/05/16 16:48	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	07/05/16 16:48	
2,2-Dichloropropane	ug/L	<0.48	1.0	07/05/16 16:48	
2-Chlorotoluene	ug/L	<0.50	1.0	07/05/16 16:48	
4-Chlorotoluene	ug/L	<0.21	1.0	07/05/16 16:48	
Benzene	ug/L	<0.50	1.0	07/05/16 16:48	
Bromobenzene	ug/L	<0.23	1.0	07/05/16 16:48	
Bromochloromethane	ug/L	<0.34	1.0	07/05/16 16:48	
Bromodichloromethane	ug/L	<0.50	1.0	07/05/16 16:48	
Bromoform	ug/L	<0.50	1.0	07/05/16 16:48	
Bromomethane	ug/L	<2.4	5.0	07/05/16 16:48	
Carbon tetrachloride	ug/L	<0.50	1.0	07/05/16 16:48	
Chlorobenzene	ug/L	<0.50	1.0	07/05/16 16:48	
Chloroethane	ug/L	<0.37	1.0	07/05/16 16:48	
Chloroform	ug/L	<2.5	5.0	07/05/16 16:48	
Chloromethane	ug/L	<0.50	1.0	07/05/16 16:48	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	07/05/16 16:48	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	07/05/16 16:48	
Dibromochloromethane	ug/L	<0.50	1.0	07/05/16 16:48	
Dibromomethane	ug/L	<0.43	1.0	07/05/16 16:48	
Dichlorodifluoromethane	ug/L	<0.22	1.0	07/05/16 16:48	
Diisopropyl ether	ug/L	<0.50	1.0	07/05/16 16:48	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

METHOD BLANK: 1358684 Matrix: Water

Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675008, 40134675009, 40134675010, 40134675011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.50	1.0	07/05/16 16:48	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	07/05/16 16:48	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	07/05/16 16:48	
m&p-Xylene	ug/L	<1.0	2.0	07/05/16 16:48	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	07/05/16 16:48	
Methylene Chloride	ug/L	<0.23	1.0	07/05/16 16:48	
n-Butylbenzene	ug/L	<0.50	1.0	07/05/16 16:48	
n-Propylbenzene	ug/L	<0.50	1.0	07/05/16 16:48	
Naphthalene	ug/L	<2.5	5.0	07/05/16 16:48	
o-Xylene	ug/L	<0.50	1.0	07/05/16 16:48	
p-Isopropyltoluene	ug/L	<0.50	1.0	07/05/16 16:48	
sec-Butylbenzene	ug/L	<2.2	5.0	07/05/16 16:48	
Styrene	ug/L	<0.50	1.0	07/05/16 16:48	
tert-Butylbenzene	ug/L	<0.18	1.0	07/05/16 16:48	
Tetrachloroethene	ug/L	<0.50	1.0	07/05/16 16:48	
Tetrahydrofuran	ug/L	<2.0	5.0	07/05/16 16:48	
Toluene	ug/L	<0.50	1.0	07/05/16 16:48	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	07/05/16 16:48	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	07/05/16 16:48	
Trichloroethene	ug/L	<0.33	1.0	07/05/16 16:48	
Trichlorofluoromethane	ug/L	<0.18	1.0	07/05/16 16:48	
Vinyl chloride	ug/L	<0.18	1.0	07/05/16 16:48	
4-Bromofluorobenzene (S)	%	84	70-130	07/05/16 16:48	
Dibromofluoromethane (S)	%	98	70-130	07/05/16 16:48	
Toluene-d8 (S)	%	97	70-130	07/05/16 16:48	

LABORATORY CONTROL SAMPLE: 1358685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	47.9	96	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	51.1	102	67-130	
1,1,2-Trichloroethane	ug/L	50	43.1	86	70-130	
1,1-Dichloroethane	ug/L	50	57.8	116	70-133	
1,1-Dichloroethene	ug/L	50	50.0	100	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	42.4	85	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	45.6	91	70-130	
1,2-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,2-Dichloroethane	ug/L	50	47.5	95	70-130	
1,2-Dichloropropane	ug/L	50	48.2	96	70-130	
1,3-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,4-Dichlorobenzene	ug/L	50	47.7	95	70-130	
Benzene	ug/L	50	50.8	102	60-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

LABORATORY CONTROL SAMPLE: 1358685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	48.4	97	70-130	
Bromoform	ug/L	50	43.1	86	70-130	
Bromomethane	ug/L	50	29.2	58	33-130	
Carbon tetrachloride	ug/L	50	44.3	89	70-138	
Chlorobenzene	ug/L	50	49.2	98	70-130	
Chloroethane	ug/L	50	58.4	117	51-130	
Chloroform	ug/L	50	46.5	93	70-130	
Chloromethane	ug/L	50	33.8	68	25-132	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	69-130	
cis-1,3-Dichloropropene	ug/L	50	44.5	89	70-130	
Dibromochloromethane	ug/L	50	42.7	85	70-130	
Dichlorodifluoromethane	ug/L	50	31.2	62	23-130	
Ethylbenzene	ug/L	50	52.3	105	70-136	
Isopropylbenzene (Cumene)	ug/L	50	57.1	114	70-140	
m&p-Xylene	ug/L	100	109	109	70-138	
Methyl-tert-butyl ether	ug/L	50	53.5	107	66-138	
Methylene Chloride	ug/L	50	49.8	100	70-130	
o-Xylene	ug/L	50	53.2	106	70-134	
Styrene	ug/L	50	50.2	100	70-133	
Tetrachloroethene	ug/L	50	42.9	86	70-138	
Toluene	ug/L	50	48.8	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	70-131	
trans-1,3-Dichloropropene	ug/L	50	40.8	82	69-130	
Trichloroethene	ug/L	50	46.5	93	70-130	
Trichlorofluoromethane	ug/L	50	56.7	113	50-150	
Vinyl chloride	ug/L	50	47.4	95	49-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359752 1359753

Parameter	Units	40134675009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<2.5	250	250	221	244	88	98	70-134	10	20	
1,1,2,2-Tetrachloroethane	ug/L	<1.2	250	250	226	241	90	97	67-130	7	20	
1,1,2-Trichloroethane	ug/L	<0.99	250	250	205	218	82	87	70-130	6	20	
1,1-Dichloroethane	ug/L	<1.2	250	250	261	277	104	111	70-134	6	20	
1,1-Dichloroethene	ug/L	<2.1	250	250	212	226	85	90	68-136	6	20	
1,2,4-Trichlorobenzene	ug/L	<11.0	250	250	225	244	90	98	62-139	8	20	
1,2-Dibromo-3-chloropropane	ug/L	<10.8	250	250	227	246	91	98	50-150	8	20	
1,2-Dibromoethane (EDB)	ug/L	<0.89	250	250	219	239	88	96	70-130	9	20	
1,2-Dichlorobenzene	ug/L	<2.5	250	250	226	237	90	95	70-130	5	20	
1,2-Dichloroethane	ug/L	<0.84	250	250	212	233	85	93	70-130	9	20	

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REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359752 1359753

Parameter	Units	40134675009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<1.2	250	250	227	232	91	93	70-130	2	20	
1,3-Dichlorobenzene	ug/L	<2.5	250	250	235	248	94	99	70-131	5	20	
1,4-Dichlorobenzene	ug/L	<2.5	250	250	223	238	88	94	70-130	6	20	
Benzene	ug/L	36.6	250	250	262	284	90	99	57-138	8	20	
Bromodichloromethane	ug/L	<2.5	250	250	229	243	92	97	70-130	6	20	
Bromoform	ug/L	<2.5	250	250	211	224	84	90	70-130	6	20	
Bromomethane	ug/L	<12.2	250	250	134	150	53	60	33-130	12	27	
Carbon tetrachloride	ug/L	<2.5	250	250	214	223	86	89	70-138	4	20	
Chlorobenzene	ug/L	<2.5	250	250	238	256	94	101	70-130	7	20	
Chloroethane	ug/L	<1.9	250	250	234	247	94	99	51-130	5	20	
Chloroform	ug/L	<12.5	250	250	210	227	84	91	70-130	8	20	
Chloromethane	ug/L	<2.5	250	250	121	132	49	53	25-132	9	20	
cis-1,2-Dichloroethene	ug/L	<1.3	250	250	218	227	87	91	61-140	4	20	
cis-1,3-Dichloropropene	ug/L	<2.5	250	250	209	212	84	85	70-130	1	20	
Dibromochloromethane	ug/L	<2.5	250	250	205	216	82	86	70-130	5	20	
Dichlorodifluoromethane	ug/L	<1.1	250	250	78.6	84.6	31	34	23-130	7	20	
Ethylbenzene	ug/L	<2.5	250	250	254	271	102	108	70-138	6	20	
Isopropylbenzene (Cumene)	ug/L	0.75J	250	250	268	284	107	113	70-152	6	20	
m&p-Xylene	ug/L	8.5J	500	500	526	557	104	110	70-140	6	20	
Methyl-tert-butyl ether	ug/L	<0.87	250	250	234	252	94	101	66-139	8	20	
Methylene Chloride	ug/L	<1.2	250	250	226	230	90	92	70-130	2	20	
o-Xylene	ug/L	<2.5	250	250	252	266	101	106	70-134	5	20	
Styrene	ug/L	<2.5	250	250	236	246	94	98	70-138	4	20	
Tetrachloroethene	ug/L	<2.5	250	250	214	222	86	89	70-148	4	20	
Toluene	ug/L	<2.5	250	250	233	249	93	100	70-130	7	20	
trans-1,2-Dichloroethene	ug/L	<1.3	250	250	237	245	95	98	70-133	3	20	
trans-1,3-Dichloropropene	ug/L	<1.1	250	250	188	204	75	82	69-130	8	20	
Trichloroethene	ug/L	<1.7	250	250	225	230	90	92	70-131	2	20	
Trichlorofluoromethane	ug/L	<0.92	250	250	239	251	95	100	50-150	5	20	
Vinyl chloride	ug/L	<0.88	250	250	179	191	72	76	49-133	6	20	
4-Bromofluorobenzene (S)	%						97	102	70-130			
Dibromofluoromethane (S)	%						95	94	70-130			
Toluene-d8 (S)	%						93	95	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 228942 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675010

METHOD BLANK: 1359488 Matrix: Water
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<5.0	10.0	07/05/16 10:54	

LABORATORY CONTROL SAMPLE: 1359489

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	200	200	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359490 1359491

Parameter	Units	40134677007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	289	200	200	481	467	96	89	80-120	3	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 229080 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 40134675008, 40134675009

METHOD BLANK: 1359990 Matrix: Water
Associated Lab Samples: 40134675008, 40134675009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	<5.0	10.0	07/06/16 10:32	

LABORATORY CONTROL SAMPLE: 1359991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	500	516	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359992 1359993

Parameter	Units	40134675008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	2300	500	500	2740	2740	88	87	80-120	0	20	

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 229292 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675008, 40134675009, 40134675010

METHOD BLANK: 1360969 Matrix: Water
Associated Lab Samples: 40134675001, 40134675002, 40134675003, 40134675004, 40134675005, 40134675006, 40134675007, 40134675008, 40134675009, 40134675010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	4.0	07/13/16 16:12	

LABORATORY CONTROL SAMPLE: 1360970

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	18.8	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1360971 1360972

Parameter	Units	40134665001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	48.5	100	100	147	148	98	100	90-110	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1360973 1360974

Parameter	Units	40134874001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	146	200	200	354	354	104	104	90-110	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 229767 Analysis Method: EPA 350.1
QC Batch Method: EPA 350.1 Analysis Description: 350.1 Ammonia
Associated Lab Samples: 40134675008, 40134675009

METHOD BLANK: 1363288 Matrix: Water
Associated Lab Samples: 40134675008, 40134675009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	<0.25	0.50	07/13/16 17:44	

LABORATORY CONTROL SAMPLE: 1363289

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1363290 1363291

Parameter	Units	40134665004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	1.9	10	10	12.3	12.1	103	102	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

QC Batch: 228985 Analysis Method: EPA 351.2
QC Batch Method: EPA 351.2 Analysis Description: 351.2 TKN
Associated Lab Samples: 40134675008, 40134675009

METHOD BLANK: 1359623 Matrix: Water
Associated Lab Samples: 40134675008, 40134675009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	<0.22	0.73	07/05/16 16:41	

LABORATORY CONTROL SAMPLE: 1359624

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	5	5.0	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359625 1359626

Parameter	Units	40134546002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Kjeldahl, Total	mg/L	0.65J	5	5	5.6	5.6	99	99	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1359627 1359628

Parameter	Units	40134665001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Kjeldahl, Total	mg/L	1.5	5	5	6.3	6.2	97	96	90-110	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40134675001	**MW-20A**	EPA 6010	229008		
40134675002	**MW-20B**	EPA 6010	229008		
40134675003	**MW-20C**	EPA 6010	229008		
40134675004	**MW-16A**	EPA 6010	229008		
40134675005	**MW-16B**	EPA 6010	229008		
40134675006	**MW-16C**	EPA 6010	229011		
40134675007	**MW-28A**	EPA 6010	229011		
40134675008	**MW-2A**	EPA 6010	229011		
40134675009	**MW-2A DUP**	EPA 6010	229011		
40134675010	**MW-2B**	EPA 6010	229011		
40134675001	**MW-20A**	EPA 8260	228867		
40134675002	**MW-20B**	EPA 8260	228867		
40134675003	**MW-20C**	EPA 8260	228867		
40134675004	**MW-16A**	EPA 8260	228867		
40134675005	**MW-16B**	EPA 8260	228867		
40134675006	**MW-16C**	EPA 8260	228867		
40134675007	**MW-28A**	EPA 8260	228867		
40134675008	**MW-2A**	EPA 8260	228867		
40134675009	**MW-2A DUP**	EPA 8260	228867		
40134675010	**MW-2B**	EPA 8260	228867		
40134675011	**TRIP BLANK**	EPA 8260	228867		
40134675001	**MW-20A**				
40134675002	**MW-20B**				
40134675003	**MW-20C**				
40134675004	**MW-16A**				
40134675005	**MW-16B**				
40134675006	**MW-16C**				
40134675007	**MW-28A**				
40134675008	**MW-2A**				
40134675009	**MW-2A DUP**				
40134675010	**MW-2B**				
40134675001	**MW-20A**	SM 2320B	228942		
40134675002	**MW-20B**	SM 2320B	228942		
40134675003	**MW-20C**	SM 2320B	228942		
40134675004	**MW-16A**	SM 2320B	228942		
40134675005	**MW-16B**	SM 2320B	228942		
40134675006	**MW-16C**	SM 2320B	228942		
40134675007	**MW-28A**	SM 2320B	228942		
40134675008	**MW-2A**	SM 2320B	229080		
40134675009	**MW-2A DUP**	SM 2320B	229080		
40134675010	**MW-2B**	SM 2320B	228942		
40134675001	**MW-20A**	EPA 300.0	229292		
40134675002	**MW-20B**	EPA 300.0	229292		
40134675003	**MW-20C**	EPA 300.0	229292		
40134675004	**MW-16A**	EPA 300.0	229292		

REPORT OF LABORATORY ANALYSIS

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11115796 RHINELANDER LF WELLS
Pace Project No.: 40134675

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40134675005	**MW-16B**	EPA 300.0	229292		
40134675006	**MW-16C**	EPA 300.0	229292		
40134675007	**MW-28A**	EPA 300.0	229292		
40134675008	**MW-2A**	EPA 300.0	229292		
40134675009	**MW-2A DUP**	EPA 300.0	229292		
40134675010	**MW-2B**	EPA 300.0	229292		
40134675008	**MW-2A**	EPA 350.1	229767		
40134675009	**MW-2A DUP**	EPA 350.1	229767		
40134675008	**MW-2A**	EPA 351.2	228985	EPA 351.2	229038
40134675009	**MW-2A DUP**	EPA 351.2	228985	EPA 351.2	229038

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

1801 Old Highway 8 Northwest, Suite 114
St. Paul, Minnesota 55112 United States
Phone: (651) 639-0913 Fax: (651) 639-0923

COC NO.: SP-01946

(See Reverse Side for Instructions)

40134075

Project No/ Phase/Task Code: 11115796	**Laboratory Name:** Pace	**Lab Location:**	**SSOW ID:**
Project Name: Rhinelander Landfill – Wells	**Lab Contact:**	**Lab Quote No:**	**Cooler No:**
Project Location: Rhinelander			**Carrier:**
Chemistry Contact: Grant Anderson			**Airbill No:**
Sampler(s): Ryan Aamot / Chris Rog			**Date Shipped:**

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		DATE (mm/dd//yy)	TIME (hh:mm)	SAMPLE TYPE: Matrix Code (see back of COC)	SAMPLE TYPE: Grab (G) or Comp (C)	CONTAINER QUANTITY & PRESERVATION: Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	ANALYSIS REQUESTED (See Back of COC for Definitions): VOCs	Alk/Chloride	Hardness/Metals	Ammonia/TKN		MS/MSD Request	COMMENTS/ SPECIAL INSTRUCTIONS:
1	W-160629-RA-07	001	6/29/16	1630	GW	G	1	3	1						5	X	X	X		3-40ml vB		* metals were 2-250 ml AF field filtered
2	W-160629-RA-08	002	↓	1700	↓	↓	1	3	1						5	X	X	X		↓		↓
3	W-160629-RA-09	003		1640			1	3	1						5	X	X	X				
4	W-160629-RA-04	004		1743			1	3	1						5	X	X	X				
5	W-160629-RA-05	005		1748			1	3	1						5	X	X	X				
6	W-160629-RA-06	006	↓	1743			1	3	1						5	X	X	X				
7	W-160630-RA-11	007	6/30/16	1015			1	3	1						5	X	X	X				
8	W-160630-RA-01	008	↓	1100			1	3	1	1					6	X	X	X	X			3-250 ml AF
9	W-160630-RA-02	009		1100			1	3	1	1					6	X	X	X	X			↓
10	W-160630-RA-03	010	↓	1120	↓	↓	1	3	1						5	X	X	X		↓		↓
11																						
12	trip blank	011						1								X						2-40ml vB
13																						
14																						
15																						

TAT Required in business days (use separate COCs for different TATs): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☐ 2 Week ☐ Other:

Total Number of Containers: 53

All Samples in Cooler must be on COC

Notes/ Special Requirements:

	RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
1.	[signature]	GHD	6/30/16	1200				
2.	FedEx		7-1-16	0810	mainMcKay Pace		7-1-16	0810
3.								

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: **WO# : 40134675**

40134675

Client Name: CRA

Courier: ☑ Fed Ex ☐ UPS ☐ Client ☐ Pace Other:

Tracking #: 7834 8841 0327

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 DW **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: R01 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 7-1-16
Initials: mm

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☐Yes	☑No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☑Yes	☐No	☐N/A	11. 1-6 date 6-30-16, no time on any samples. mm 7/1/16
Sample Labels match COC:	☐Yes	☑No	☐N/A	12. 001-ED W-16101630-RA-07
-Includes date/time/ID/Analysis Matrix: WW				002-ED W-16101630-RA-08 003-ED W-16101630-RA-09 mm 7-1-16
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☑Yes	☐No	☐N/A	13. ☑ HNO3 ☑ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☑Yes	☐No	☐N/A	004-ED W-16101630-RA-04 005-ED W-16101630-RA-05 mm 7.1.16
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed mm / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☐N/A	14. 006-ED W-16101630-RA-06 mm 7116
Trip Blank Present:	☑Yes	☐No	☐N/A	15. 008-1 vial headspace mm 7116
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): 363				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution: return 3 vials
007-ED W-16101630-RA-11, 008-W-16101630-RA-01, 009-W-16101630-RA-02
010-ED W-16101630-RA-03 mm 7.1.16

Project Manager Review: JJ for DM **Date:** 7-1-16

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