

December 19, 2023

Dean Funk Rhinelander Well Drilling Inc 3790 Country Drive (STH 47 N) Rhinelander, WI 54501

Project: 2023 Drinking Water Samples

Project Number: Jordan Cook

Work Order: CB14821 Received: 12/07/23

Enclosed are the results of analyses for samples received by our laboratory on 12/7/2023. If you have any questions concerning this report, please feel free to contact a client service representative at clientservices@nlslab.com.

Sincerely,

Ronald T. Krueger For Adam Stark

Northern Lake Service, Inc.



Rhinelander Well Drilling Inc

Project: 2023 Drinking Water Samples

3790 Country Drive (STH 47 N) Rhinelander, WI 54501

Project Number: Jordan Cook
Project Manager: Dean Funk

Reported: Work Order:

12/19/23 16:30

CB14821

### **Sample Summary**

Descriptions of all qualifiers listed throughout this report can be found on the Qualifiers and Definitions Page.

Lab ID	Sample	Matrix	Sample Type	Qualifiers	Date Sampled	Date Received
CB14821-01	Jordan Cook	DW			12/6/23 16:00	12/7/23 14:20



Sample: Jordan Cook

# Northern Lake Service, Inc • 400 N Lake Ave • Crandon, WI 54520 800-278-1254 • www.nlslab.com

Rhinelander Well Drilling Inc Project: 2023 Drinking Water Samples

3790 Country Drive (STH 47 N) Project Number: Jordan Cook Reported: Work Order: Rhinelander, WI 54501 Project Manager: Dean Funk 12/19/23 16:30 CB14821

### **Sample Results**

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles											
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.32	1.0		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)	ND		0.35	1.1		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.39	1.2		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.43	1.5		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.49	1.7		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.42	1.4		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		0.31	1.0		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.34	1.1		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.24	0.80		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.46	1.6		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.49	1.7		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND		0.35	1.1		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.48	1.6		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND		0.51	1.7		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND		0.32	1.0		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.35	1.1		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.45	1.5		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.31	1.0		ng/L	12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	94%		Limits:	70-130%			12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	91%		Limits:	70-130%			12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	94%		Limits:	70-130%			12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEtFOSAA	88%		Limits:	70-130%			12/14/23 5:36	12/15/23 13:17	RAW	EPA 537.1, Rev 2.0	2



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#### **List of Certifications**

Code	Description	Number	Expires
2	NI S (Crandon) WDNP Laboratory ID No	721026460	8/31/24

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### **Qualifiers and Definitions**

<u>Item</u>	<u>Definition</u>
ND	Analyte NOT DETECTED at or above the LOD or MRL.
LOD	Limit of Detection.
LOQ	Limit of Quantitation.
NA	Not Applicable.
Dry	Dry Weight Basis.
Wet	Wet Weight Basis.
% Dry	Equal to: (mg/kg dry) / 10000.
1000 ug/L	Equal to: 1 mg/L.
MCL	Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.
RPD	Relative Percent Difference.
%REC	Percent Recovery.
Source	Sample that was matrix spiked or duplicated.

All LOD/LOQs adjusted to reflect preparation volumes, dilutions, and/or solids content.

### CB14821

### SAMPLE COLLECTION AND CHAIN OF CUSTODY RECORD

MPLE COLLECTION AND CHAIN OF		
LENT Phinelander Well Drilling	Wisconsin Lab Cert. No. 721026460 WI DATCP 105-000330	
DDRESS POBOX S84  TY Rhuelandor STATE SUSOI  POLECT DESCRIPTION AND CONTOURNED TO DESCRIPTION AN		
Rhuelandol STATE STYSOI	MATRIX: USE BC	OXES BELOW: Indicate Y or N if GW Sample Is field filtered.
ROJECT DESCRIPTION / NO. JOINT TO CONTROL OU OTATION NO.	SW = surface water  WW = waste water	Indicate G or C if WW Sample is Grab or Composite.
NR FID# DNR LICENSE # 632	GW = groundwater DW = drinking water	
ONTACT PHONE	TIS = tissue AIR = air SOIL = soil	
URCHASE ORDER NO. FAX	WW = waste water GW = groundwater DW = drinking water TIS = lissue AIR = air SOIL = soil SED = sediment PROD = product SL = sludge OTHER  MATRIX	NO.
TEM NIS COLLECTION O. LAB.NO. SAMPLE ID O DATE	ION MATRIX TIME (See above)	COLLECTION REMARKS (i.e. DNR Weil ID #)
1. Judon Cook 1/6/23	4:00 Pm 1 1	
2.		
3.		
4.		
5. 6. SEAN		
6.		
7.		
8.		
9.		
10.		
COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME REPORT TO
RELINQUISHED BY (signature) RECEIVED BY	(signature)	DATE/TIME
DISPATCHED BY (signature) METHOD OF (	TRANSPORT	DATE/TIME
RECEIVED AT NLS BY (signature) DATE/TIME		
COOLER#	THER INFORMATION	K=1, 0
PRESERVATIVE: NP = no preservative Z = zine scelate HA = hydrochloric & ascorbic acid S = sulfuric acid M = methanol H = hydrochloric acid W = methanol	Y NUMBER E-MAIL ADDRESS	

IMPORTANT:

- 1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
  2. PLEASE USE ONE LINE PER SAMPLE, NOT PER BOTTLE.
- - 3. RETURN THIS FORM WITH SAMPLES-CLIENT MAY KEEP PINK COPY.
  - 4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICED TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

