

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

December 05, 2023

Mark Senoraske Senoraske Soil Testing & Septic Service, LLC 4081 Pine Grove Dr Rhinelander, WI 54501

Project: 2023 Routine Drinking Water Analysis

Project Number: Tori Dunlap - 4760 Spafford Rd, Rhinelander, WI 54501

Work Order: CB14378 Received: 11/27/23

Enclosed are the results of analyses for samples received by our laboratory on 11/27/2023. 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 Client Services

Northern Lake Service, Inc.



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

Senoraske Soil Testing & Septic Service, LLC Project: 2023 Routine Drinking Water Analysis

4081 Pine Grove Dr Project Number: Tori Dunlap - 4760 Spafford Rd, Rhinelander, WI 54501 Work Order: Reported: Rhinelander, WI 54501 12/5/23 7:53 CB14378

Project Manager: Mark Senoraske

#### **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
CB14378-01	Kitchen Sink	DW			11/27/23 13:00	11/27/23 14:00

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

Reported:

Work Order:

Senoraske Soil Testing & Septic Service, LLC Project: 2023 Routine Drinking Water Analysis

4081 Pine Grove Dr Project Number: Tori Dunlap - 4760 Spafford Rd, Rhinelander, WI 54501

Rhinelander, WI 54501 Project Manager: Mark Senoraske 12/5/23 7:53 CB14378

#### **Sample Results**

Sample: Kitchen Sink											
CB14378-01 (DW) Sampled: 1	1/27/23 13:00										
Analyte	Result	Qualifier Lo	OD	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	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND	0	35	1.1		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND	0	38	1.2		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND	0	42	1.4		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND	0	48	1.6		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND	0	41	1.3		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND	0	31	1.0		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND	0	34	1.1		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND	0	23	0.79		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND	0	45	1.5		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND	0	48	1.6		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND	0	35	1.1		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND	0	47	1.5		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND	0	50	1.6		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND	0	32	1.0		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND	0	35	1.1		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND	0	44	1.4		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND	0	31	1.0		ng/L	11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	99%		Limits:	70-130%			11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	92%		Limits:	70-130%			11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	97%		Limits:	70-130%			11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEtFOSAA	90%		Limits:	70-130%			11/29/23 5:32	11/29/23 16:17	RAW	EPA 537.1, Rev 2.0	2



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

Work Order:

Senoraske Soil Testing & Septic Service, LLC Project: 2023 Routine Drinking Water Analysis

4081 Pine Grove Dr Project Number: Tori Dunlap - 4760 Spafford Rd, Rhinelander, WI 54501 **Reported:** 

Rhinelander, WI 54501 Project Manager: Mark Senoraske 12/5/23 7:53 CB14378

#### **List of Certifications**

Code	Description	Number	Expires
2	NLS (Crandon) WDNR Laboratory ID No	721026460	8/31/24

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

Senoraske Soil Testing & Septic Service, LLC Project: 2023 Routine Drinking Water Analysis

4081 Pine Grove Dr Project Number: Tori Dunlap - 4760 Spafford Rd, Rhinelander, WI 54501 Work Order: Reported: 12/5/23 7:53 CB14378

Rhinelander, WI 54501 Project Manager: Mark Senoraske

#### **Qualifiers and Definitions**

Item	Definition
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.

Northern Lake Service

## PFAS by EPA Method 537.1 Test Kit 18 PFAS compounds

Deput hant at 800-278-12

Northern Lake Service



### Return your sample as soon as possible to one or our two rooms.

00 N Lake Ave OR 2420 N Grandview Blvd
Crandon, WI 54520 Waukesha, WI 53188
Please provide the following information:
lame: MARK B SENDRASKE / TORT DUNIAD
address: 4760 SPAFFond Rel
city/State/Zip: Rhand And wif 54501
thone: 215-437-0818 Email: SenoraskEmark@otlode.co
ample Collection Date: 11/27/23 Sample Collection Time: 1PM AMPM
ample Collection Location (ex. Pressure Tank) Kitchen Sak
ample Collected By: March & Schonaghe Service
eport by email only Report by mail only (\$5 fee) WI 53188
*Per EPA 537.1, each sample set <b>must</b> be accompanied by a field blank. The purpose of the eld blank is to allow for the identification of potential contamination during sample collection and andling. If you choose not to have the field blank analyzed, the PFAS data may be viewed as a creening and may not be suitable for compliance use.
lease initial in ONE of the check boxes below that apply:
Sample C. sertice Time: AM/PM
ost for PFAS Kit Without Field Blank - \$367.50
y m ii Rep malt only (so fee) []
active to the sample set in the accompanied by a field Mank. The purpose of the
ost for PFAS Kit Including Field Blank - \$552.50 tal containing sample collection and

Your credit card will be charged according to the option you have chosen above

as as ing and may not be suitable for compliance use.

Without Field Blam - 5367.5WP 7/23

1400 Okarie 0,402

