



Northern Lake Service, Inc • 400 N Lake Ave • Crandon, WI 54520  
800-278-1254 • [www.nlslab.com](http://www.nlslab.com)

September 07, 2023

Roger Radulovich  
3339 Hwy C  
Rhineland, WI 54501

Project: 2023 Drinking Water Testing  
Project Number: [none]  
Work Order: CB10041  
Received: 08/22/23

Enclosed are the results of analyses for samples received by our laboratory on 8/22/2023. If you have any questions concerning this report, please feel free to contact a client service representative at [clientservices@nlslab.com](mailto:clientservices@nlslab.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Sara Bach".

Sara Bach For Client Services  
Northern Lake Service, Inc.



Roger Radulovich 3339 Hwy C Rhineland, WI 54501	Project: 2023 Drinking Water Testing Project Number: Project Manager: Roger Radulovich	<b>Reported:</b> 9/7/23 13:13	<b>Work Order:</b> CB10041
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### 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
CB10041-01	Upstairs Wash Tub	DW			8/22/23 13:30	8/22/23 14:12



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**Sample Results**

**Sample: Upstairs Wash Tub**

**CB10041-01 (DW) Sampled: 08/22/23 13:30**

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
<b>Semi-Volatiles</b>											
11-chloro-2,2,4,4-tetrafluoro-3-oxadecanoic acid (11Cl-PFOdS)	ND		0.31	1.0		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
9-chloro-2,2,4,4-tetrafluoro-3-oxanonanoic acid (9Cl-PFOdNS)	ND		0.34	1.1		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.37	1.2		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.41	1.4		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NETFOSAA)	ND		0.47	1.6		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.40	1.3		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	5.1		0.30	1.0		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.33	1.1		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.23	0.77		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	740		0.8	30		ng/L	8/29/23 5:25	8/30/23 8:29	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	1000		0.4	32		ng/L	8/29/23 5:25	8/30/23 8:29	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	24		0.34	1.1		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.46	1.5		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	740		0.8	32		ng/L	8/29/23 5:25	8/30/23 8:29	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	1.2		0.31	1.0		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.34	1.1		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.43	1.4		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.30	1.0		ng/L	8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	86%		Limits: 70-130%				8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	113%		Limits: 70-130%				8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	118%		Limits: 70-130%				8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NETFOSAA	97%		Limits: 70-130%				8/29/23 5:25	8/29/23 13:54	RAW	EPA 537.1, Rev 2.0	2



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**List of Certifications**

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



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### 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 µg/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.

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

CB10041



**Return your sample as soon as possible to one of the following:**

Northern Lake Service  
400 N Lake Ave  
Crandon, WI 54520

OR

Northern Lake Service  
2420 N Grandview Blvd  
Waukesha, WI 53188

**Please provide the following information:**

Name: Roger Radulovich

Address: 3339 Co. C

City/State/Zip: Rhineland, WI 54501

Phone: 414-731-9038 Email: -

Sample Collection Date: 8-22-23 Sample Collection Time: \_\_\_\_\_ AM/PM

Sample Collection Location (ex. Pressure Tank) UPSTAIRS WASH TUB

Sample Collected By: Roger Radulovich, Home owner

Report by email only  Report by mail only (\$5 fee)

\*\*Per EPA 537.1, each sample set **must** be accompanied by a field blank. The purpose of the field blank is to allow for the identification of potential contamination during sample collection and handling. If you choose not to have the field blank analyzed, the PFAS data may be viewed as a screening and may not be suitable for compliance use.

Please initial in **ONE** of the check boxes below that apply:

Cost for PFAS Kit Without Field Blank - \$367.50

OR

Cost for PFAS Kit Including Field Blank - \$552.50

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

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