



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

September 06, 2023

Steve LaPorte
6992 Lair Dr
Rhineland, WI 54501

Project: 2023 Drinking Water Testing
Work Order: CB10279
Received: 08/28/23

Enclosed are the results of analyses for samples received by our laboratory on 8/28/2023. If you have any questions concerning this report, please feel free to contact a client service representative at clientservices@nlslab.com.

Sincerely,

A handwritten signature in black ink that reads "Steven M. Hefter".

Steven M. Hefter For Client Services
Northern Lake Service, Inc.



Steve LaPorte
6992 Lair Dr
Rhineland, WI 54501

Project: 2023 Drinking Water Testing
Project Number: 2023 Drinking Water Testing
Project Manager: Steve Laporte

Reported:
9/6/23 13:24

Work Order:
CB10279

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
CB10279-01	Drinking Water	DW			8/28/23 9:00	8/28/23 9:52

Qualifiers that apply to the entire work order:

Rec-Cust



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Sample Results

Sample: Drinking Water
CB10279-01 (DW) Sampled: 08/28/23 09:00

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
Semi-Volatiles											
11-chloroicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.34	1.1		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.37	1.2		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.40	1.3		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.45	1.5		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.51	1.7		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.43	1.4		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		0.33	1.1		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.36	1.2		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.25	0.84		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.48	1.6		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.51	1.7		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND		0.37	1.2		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.50	1.6		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND		0.53	1.7		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND		0.34	1.1		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.37	1.2		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.47	1.5		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.33	1.1		ng/L	8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	102%		Limits: 70-130%				8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	87%		Limits: 70-130%				8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	82%		Limits: 70-130%				8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEtFOSAA	89%		Limits: 70-130%				8/31/23 5:44	8/31/23 18:31	RAW	EPA 537.1, Rev 2.0	2



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List of Certifications

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



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Qualifiers and Definitions

Item	Definition
Rec-Cust	Samples were received without ice. Samples were analyzed at client's request.
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.



Steve Latorte

CLIENT:
6992 Lair Dr
Rhineland, WI 54501
216-513-5443
Drinking Water Sampling Kit

Cust #: 115119
Order #: 111421
Ship Date: 08/24/2023
Type: DW

**PREPAID

Sample ID: Drinking Water

1 SET

PFAS Compounds by EPA Method 537.1 Without Field Blank (18 compounds included in analysis) \$367.50
2 x 250mL Nalgene bottles with Trizma Preservative

Shipped and Completed by: Steve Latorte