

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 Rhinelander, 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,

Storn Hot

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



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Steve LaPorte	Project: 2023 Drinking Water Testing			
6992 Lair Dr	Project Number: 2023 Drinking Water Testing	Reported:	Work Order:	
nelander, WI 54501 Project Manager: Steve Laporte		9/6/23 13:24	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



Steve LaPorte	Pi	roject: 2023 Dri	nking Water	Testing							
6992 Lair Dr	Project Number: 2023 Drinking Water Testing					I	Work Order:				
Rhinelander, WI 54501	Project Manager: Steve Laporte					9/	CB10279				
			Sar	nple Re	sults						
Sample: Drinking Water											
CB10279-01 (DW) Sampled: (08/28/23 09:00										
Analyte	Result	Oualifier	LOD	LOO	MCL	Units	Date Prepared	Date Analyzed	Analvst	Method	Lab Cert Code
Semi-Volatiles			-	- 2				,	.,		
11-chloroeicosafluoro-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 (9CI-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	<i>R</i> A₩	EPA 537.1, Rev 2.0	2



NLS (Crandon) WDNR Laboratory ID No.

8/31/24

Code Description	Number	Expires		
	List of Certifications			
Rhinelander, WI 54501	Project Manager: Steve Laporte	9/6/23 13:24	CB10279	
6992 Lair Dr	Project Number: 2023 Drinking Water Testing	Reported:	Work Order:	
Steve LaPorte	Project: 2023 Drinking Water Testing			

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Rhinelander, WI 54501	Project Manager: Steve Laporte	9/6/23 13:24	CB10279

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.

								CB	102	79		
IMPLE COLL	ECTION AND CH LAPOR TE EXPRIME DR	HAIN OF CU	STODY R nsin Lab Cert. 1 ATCP 105-0003	ECOR No. 72102 30	D 6460							
	DNR LICENSE #	SOII	MATRIX: SW = surface water WW ≈ waste water GW = groundwater DW = deining water			BOXES BE	ELOW: Indicate G or C if V	ite Y or N il W Sample	f GW Sam e is Grab o	ple is fiel r Compc	ld filtered. osite.	/ &/
ONTACT URCHASE ORDER NO.	PHONE FAX		TIS = tissue AIR = air SOLL = soil SED = sediment PROD = product SL = sludge	ZE PER ORDER OF AN		/ /		/ /				NO.
TEM CAB NO	SAMPLE ID	COLLECTION DATE TIME	OTHER MATRIX (See above)	AWAL								COLLECTION REMARKS (i.e. DNR Well ID #)
2. 3. 4.		<u>slie</u> 9.4	m									
5.												
7. 8. 9.	×′											
10.		CUSTODY						ME				
ELINQUISHED BY (signature)		RECEIVED BY (signature METHOD OF TRANSPO	leliverec	/			DATE/TI DATE/TI	ME	-			
ECEIVED AT VLS BY (signaton COOLER # RESERVATIVE: N = nitric NP = no preservative Z = zinc z	acid OH = sodium hydroxide	DATESTICE BARARKS & OTHER INFOL WONR FACILITY NUMBER	COGSS RMATION YUMY F	condition No lay.	ice	3/28	TEMP.	¹		OICE TO		

4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICED TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

Steve Latorte	Cust #: 115119
	Order #: 111421
CLIENT:	Ship Date: 08/24/2023
6992 Lair Dr	Type: DW
Rhinelander, WI 54501	
216-513-5443	**PREPAID
Drinking Water Sampling Kit	

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: Sterr hartic