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

June 12, 2024

Mark Pauli
Wisconsin Dept of Natural Res - Madison
107 Sutliff Ave
Rhinelander, WI 54501

Project: 2024 0.5 Expanded Zone (Starks/Stella)
Project Number: Michael & Melissa Sellmeyer - 3154 E. Cottage Road
Work Order: CC05992
Received: 06/04/24

Enclosed are the results of analyses for samples received by our laboratory on 6/4/2024. 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.

Wisconsin Dept of Natural Res - Madison	Project: 2024 0.5 Expanded Zone (Starks/Stella)		
107 Sutliff Ave	Project Number: Michael & Melissa Sellmeyer - 3154 E. Cottage Road	**Reported:**	**Work Order:**
Rhinelander, WI 54501	Project Manager: Mark Pauli	6/12/24 7:43	CC05992

Sample Summary

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

Lab ID	Sample	Matrix	Qualifiers	Date Sampled	Date Received
CC05992-01	Kitchen Sink	DW		6/4/24 12:40	6/4/24 13:18
CC05992-02	Kitchen Sink Field Blank	DW		6/4/24 12:40	6/4/24 13:18

Analysis Qualifiers:

LabNumber	Analysis	Qualifier
CC05992-01	537.1 Perfluorinated Chemicals by LC/MS/MS	FBNA1

Cancelled Tests:

Lab ID	Sample	Analysis	Cancelled	Initials
CC05992-02	Kitchen Sink Field Blank	Perfluorinated Chemicals by EPA Method 537.1 FB	6/10/24 14:18	CSC

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Sample Results

Sample: Kitchen Sink

CC05992-01 (DW) Sampled: 06/04/24 12:40

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		0.31	1.0		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.47	1.5		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.41	1.3		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.93	3.1		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.64	2.1		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.64	2.1		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		0.72	2.4		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.54	1.8		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.62	2.0		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.54	1.8		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.50	1.6		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND		0.63	2.1		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.52	1.7		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND		0.47	1.5		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND		0.48	1.6		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.54	1.8		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.54	1.8		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.52	1.7		ng/L	6/7/24 5:48	6/7/24 18:43	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	*96%*		*Limits:*	*70-130%*			*6/7/24 5:48*	*6/7/24 18:43*	*RAW*	*EPA 537.1, Rev 2.0*	2
Surrogate: (SURR) C13-HFPODA	*93%*		*Limits:*	*70-130%*			*6/7/24 5:48*	*6/7/24 18:43*	*RAW*	*EPA 537.1, Rev 2.0*	2
Surrogate: (SURR) C13-PFDA	*98%*		*Limits:*	*70-130%*			*6/7/24 5:48*	*6/7/24 18:43*	*RAW*	*EPA 537.1, Rev 2.0*	2
Surrogate: (SURR) d5-NEtFOSAA	*99%*		*Limits:*	*70-130%*			*6/7/24 5:48*	*6/7/24 18:43*	*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
FBNA1	The field sample had no detects at or greater than the minimum reporting limit of 2.0 ng/L, per method requirements the corresponding field reagent blank was not required to be analyzed.
J	Result is between LOD and LOQ and considered to be within a region of less-certain quantitation.
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.

Sample Collection Record

Town of Stella-Starks Expanded PFAS (537.1) Sampling Project

Return your sample no later than 2 days after collection to:

Northern Lake Service
400 N Lake Ave
Crandon, WI 54520

Please provide the following information:

Name: Melissa Sellmeyer

Address: 3154 E. Cottage Rd.

City/State/Zip: Rhinelander WI 54501

Phone: 608/347-5524

Sample Collection Date: 6/4/24 Sample Collection Time: 12:40 AM/PM

Sample Collection Location (ex. Kitchen Sink): Kitchen Sink

Sample Collected By (Signature): Melissa Sellmeyer

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.

Final results will be reported directly to the Wisconsin DNR. WDNR will review, interpret, and inform residents of further action. **DO NOT CONTACT NORTHERN LAKE SEVICE DIRECTLY FOR SAMPLE RESULTS.**

CC05992

Laboratory use only:

Received at NLS by (Signature): [signature] Date/Time: 6/4/24 1318

Method of Delivery: Hand Condition (on ice / no ice) Ice

Receiving Temperature (°C) 10 Thermometer # 11

Cooling

Wisconsin Department of Natural Resources
Bureau of Drinking Water and Groundwater
P.O. Box 7921, DG/5
Madison, WI 53707

Wisconsin Department of Health Services
Bureau of Environmental and Occupational Health
1 W. Wilson Street
Madison, WI 53701

5/2/2024

Jay Sampson
3154 E Cottage Rd.
Rhinelander, WI 54501

RE: Free Private Well PFAS Testing

Dear Mr. Sampson,

The department is offering free testing of private wells for perfluoroalkyl substances (PFAS) with-in a 3-mile radius of the Town of Stella town hall. The testing is available to full-time and seasonal residents that receive this letter of eligibility from the department. Letters are being sent to homeowners in batches to accommodate laboratory capacity, therefore someone may receive the letter before you. We expect the sampling to occur over approximately two to three months.

Why is the department offering free PFAS testing? A private well sample was collected from a residence in Starks in the summer of 2022 as part of a statewide groundwater study that indicated reported levels of PFAS were above Department of Health Services (DHS) recommended health guidelines. Additional private well testing conducted in Starks in 2022 indicated that the PFAS detections were not limited to just one residence. To try to determine the extent of private well impacts, additional private well sampling was offered to all residents with-in 1-mile of the Town of Stella Town Hall and full-time residents out to a 2.5-mile radius in 2023. Analytical results from that testing indicated that the areal extent of groundwater impacts is not currently known. Therefore, the department is extending the offer of private well PFAS testing out to a 3-mile radius for all residences at the department's expense.

Why Should I Have My Well Tested? Because the areal extent of PFAS groundwater contamination is unknown, and other private well owners in the designated area have tested their wells for PFAS with reported results greater than DHS recommended health guidelines, the department recommends you sample your well for PFAS. If you sample your private well for PFAS and reported results indicate PFAS levels above DHS recommended health guidelines, you will be offered emergency temporary drinking water at the department's expense. In addition, funding may be available to some well owners through a well compensation program to replace PFAS impacted private wells or in some instances provide treatment.

How do I participate? If you would like to have your private well tested for PFAS, there are two ways to obtain a sample kit:

- You may stop at the Department of Natural Resources (DNR) in Rhinelander to obtain a sample kit. Please bring your letter of eligibility with you so staff can verify eligibility.

  DNR State Forestry Headquarters
  107 Sutliff Avenue
  Rhinelander, WI 54501
  (Hours: M-F; 8:30am – 4:30 pm)

- You can order a kit from Northern Lake Service, Inc. by phoning: (800) 278-1254

Sampling will be conducted by someone in the household utilizing sampling directions included in the sample kit. Please read the directions completely before sampling to assure proper technique is used and samples are handled properly until they are received by the laboratory for analysis. The majority of the sample kits will contain four bottles: Two sample bottles, one field blank bottle and one bottle filled with PFAS free water to be transfer into the blank bottle during sampling. In rare cases, some kits may contain 6 bottles (4 sample bottles – required for laboratory quality control and one field blank bottle and one bottle filled with PFAS free water). As a reminder, samples need to be shipped/received on ice in the cooler provided by the laboratory. Please freeze the four provided cryopak ice-paks prior to sample collection. Place the frozen cryopak ice-paks in the cooler with the samples. You may utilize the prepaid shipping label contained in the sample kit, or you may drop the samples off at Northern Lake Service, Inc. during normal business hours (M-F 7:00am – 4:00pm). It is best to conduct sampling on Monday, Tuesday or Wednesday if you are utilizing the prepaid shipping label to assure the samples are received by the laboratory on a business day. Please do not drop samples off at the DNR Rhinelander Service Center.

What if the results indicate a problem? You will receive a letter from the department when analytical results are received from the laboratory with an explanation of the results. Please don't contact the laboratory for results. In the event that sample results indicate PFAS at levels greater than DHS recommended health guidelines, the letter will act as a health advisory that qualifies the household to receive emergency temporary drinking water at the department's expense. A contract will be included with the health advisory letter that will have to be filled out and returned to the department in a manner described on the first page of the contract.

For more information regarding PFAS in the Town of Stella, please visit the Town of Stella webpage: https://townofstella.com/pfas/.

Or, the DNR's site specific webpage: https://dnr.wisconsin.gov/topics/PFAS/Stella.html

If you have any questions regarding PFAS testing of your private well, please contact: dnrstellapfas@wisconsin.gov or 1-888-626-0605.

Sincerely,

Kyle Burton
DNR Bureau of Drinking Water and Groundwater
dnrstellapfas@wisconsin.gov

Nathan Kloczko
DHS Bureau of Environmental and Occupational Health
DHSEnvHealth@dhs.wisconsin.gov