



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

September 11, 2023

Patti Crump
826 Whispering Way
Omro, WI 54963

Project: 2023 On-line Ordering
Project Number: [none]
Work Order: CB10585
Received: 09/05/23

Enclosed are the results of analyses for samples received by our laboratory on 9/5/2023. 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, appearing to read "Tom Priebe".

Tom Priebe For Kristin Tienor
Northern Lake Service, Inc.



Patti Crump 826 Whispering Way Omro, WI 54963	Project: 2023 On-line Ordering Project Number: Project Manager: Patti Crump	Reported: 9/11/23 7:54	Work Order: CB10585
---	---	----------------------------------	-------------------------------

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
CB10585-01	Pressure Tank	DW			9/5/23 11:05	9/5/23 11:48



Patti Crump
826 Whispering Way
Omro, WI 54963

Project: 2023 On-line Ordering
Project Number:
Project Manager: Patti Crump

Reported:
9/11/23 7:54

Work Order:
CB10585

Sample Results

Sample: Pressure Tank
CB10585-01 (DW) Sampled: 09/05/23 11:05

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		3.1	10		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		3.4	11		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		3.7	12		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		4.1	14		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		4.7	16		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		4.0	13		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	11		3.0	10		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		3.3	11		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		2.3	7.7		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	4100		44	150		ng/L	9/7/23 5:27	9/8/23 9:15	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	3900		47	160		ng/L	9/7/23 5:27	9/8/23 9:15	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	93		3.4	11		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	63		4.6	15		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	6700		49	160		ng/L	9/7/23 5:27	9/8/23 9:15	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	220		3.1	10		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		3.4	11		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		4.3	14		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		3.0	10		ng/L	9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	95%		Limits: 70-130%				9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	95%		Limits: 70-130%				9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	113%		Limits: 70-130%				9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEtFOSAA	97%		Limits: 70-130%				9/7/23 5:27	9/7/23 14:56	RAW	EPA 537.1, Rev 2.0	2



Patti Crump	Project: 2023 On-line Ordering		
826 Whispering Way	Project Number:	Reported:	Work Order:
Omro, WI 54963	Project Manager: Patti Crump	9/11/23 7:54	CB10585

List of Certifications

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



Patti Crump
826 Whispering Way
Omro, WI 54963

Project: 2023 On-line Ordering
Project Number:
Project Manager: Patti Crump

Reported:
9/11/23 7:54

Work Order:
CB10585

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.

PFAS by EPA Method 537.1 Test Kit
18 PFAS compounds

CB10585



Return your sample as soon as possible to

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: Patti Crump
Address: 3292 County Rd C
City/State/Zip: Rhineland WI 54501
Phone: 920-479-8019 Email: patti.Crump@gmail.com
Sample Collection Date: 09/05/23 Sample Collection Time: 1105 (AM)PM
Sample Collection Location (ex. Pressure Tank) Pressure Tank
Sample Collected By: Mike Crump
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

ally peare 11.48 09/05/23
OKonin 1.72



Patti Crump

CLIENT: Patti Crump
826 Whispering Way
Omro, WI 54963
920-479-8017
Drinking Water

Cust #: 115134
Order #: 115134
Ship Date: 09/05/2023
Type: DW

**PREPAID ONLINE

Shipped as: PU/DO

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:

Mike Crump

09/05/2023

11:05 A.M.