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

October 15, 2025

Michelle Rushing (Spiezio)
Eastern Research Group Inc
14555 Avion Parkway, Suite 200
Chantilly, VA 20151

Project: 2025 DW Testing - Oneida County Phase
Project Number: Jessie A & Edith Parker - 4990 Spafford Road
Work Order: CD12491
Received: 10/06/25
Purchase Order: 0453.37.001/1

Enclosed are the results of analyses for samples received by our laboratory on 10/6/2025. 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.

Eastern Research Group Inc	Project: 2025 DW Testing - Oneida County Phase		
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Chantilly, VA 20151	Project Manager: Michelle Rushing (Spiezio)	10/15/25 15:39	CD12491

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
CD12491-01	Kitchen Sink	DW	FS		10/5/25 12:05	10/6/25 11:20
CD12491-02	Kitchen Sink Field Blank	DW	FRB		10/5/25 12:05	10/6/25 11:20

Analysis Qualifiers:

LabNumber	Analysis	Qualifier
CD12491-01	537.1 Perfluorinated Chemicals by LC/MS/MS	FBNA1

Cancelled Tests:

Lab ID	Sample	Analysis	Cancelled	Initials
CD12491-02	Kitchen Sink Field Blank	537.1 Perfluorinated Chemicals (LOD/LOQ) FB	10/15/25 9:31	CSC

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Sample Results

Sample: Kitchen Sink

CD12491-01 (DW) Sampled: 10/05/25 12:05

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	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.47	1.5		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.41	1.3		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.93	3.1		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.1	3.8		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.2	4.1		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		0.72	2.4		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.54	1.8		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.62	2.0		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.54	1.8		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.56	1.8		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND		0.63	2.1		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.52	1.7		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND		0.47	1.5		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND		0.48	1.6		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.54	1.8		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.54	1.8		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.52	1.7		ng/L	10/13/25 10:18	10/14/25 13:34	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	*87%*		*Limits:*	*70-130%*			*10/13/25 10:18*	*10/14/25 13:34*	*RAW*	*EPA 537.1, Rev 2.0*	
Surrogate: (SURR) C13-HFPODA	*79%*		*Limits:*	*70-130%*			*10/13/25 10:18*	*10/14/25 13:34*	*RAW*	*EPA 537.1, Rev 2.0*	
Surrogate: (SURR) C13-PFDA	*89%*		*Limits:*	*70-130%*			*10/13/25 10:18*	*10/14/25 13:34*	*RAW*	*EPA 537.1, Rev 2.0*	
Surrogate: (SURR) d5-NEtFOSAA	*79%*		*Limits:*	*70-130%*			*10/13/25 10:18*	*10/14/25 13:34*	*RAW*	*EPA 537.1, Rev 2.0*	

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List of Certifications

Code	Description	Number	Expires
2	NLS (Crandon) WDNR Laboratory ID No.	721026460	8/31/26

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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.

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Sample Collection Record & Chain of Custody

Oneida County Phase - PFAS Testing by EPA 537.1 via ERG

CD12491

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: Jessie + Edith Parker

Owner's Address: 4990 Spafford Rd

City/State/Zip: Rhinelander WI 54501

Well Location Address (if different from Owner's Address):

Phone: 715-369-0388

Sample Collection Date: 10-5-25 Sample Collection Time: 1205 AM/PM

Sample Collection Location (ex. Kitchen Sink, Pressure Tank): Kitchen Sink

Sample Collected By (Signature):

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.**

Laboratory use only:

Received at NLS by (Signature): Date/Time: 10/6/25 11:20

Method of Delivery: hand Condition (on ice / no ice) ice pack

Receiving Temperature (°C) 0.6 Thermometer # 10 Trigona lot # verified

Northern Lake Service Inc.
ENVIRONMENTAL ANALYTICAL LABORATORY

Oneida County Phase - PFAS Testing by EPA 537.1 via ERG

READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH SAMPLE COLLECTION

Kit includes:

- **Cryopak Ice Packs - Place the Cryopak Ice Packs in the freezer the day before sampling to assure they are fully frozen.**
- **1 Temperature Blank Bottle – Do not open and leave in cooler**
- **1 Pair of Nitrile Gloves**
- **Collection Bottles for Drinking Water Sample**
    - 2 x 250 mL sample bottles with Trizma preservative – DO NOT FLUSH OUT PRESERVATIVES

      NOTE: Your kit may include 4 sample bottles. This is extra volume for quality control purposes at the laboratory – fill all bottles.
- **Field Blank**
    - 1 x 250 mL non-preserved sample bottle (FB-537.1-A) – filled with PFAS free reagent water
    - 1 x 250 mL sample bottle with Trizma preservative (FB-537.1-B) - DO NOT FLUSH OUT PRESERVATIVES

***Sampling video available on our website at www.nlslab.com under support material**

Do not dump/flush out any preservatives that may be present in your sampling containers. These are crucial for testing purposes.

Always use caution when handling any sample container with preservatives and wash thoroughly with soap and water if preservatives contact skin.

Follow the return shipping instructions to ensure kit is shipped back to the lab properly:

- Fill out the required information on the *Sample Collection Record & Chain of Custody.*
- Label your sample bottles with date/time of collection and sample collection location.
- Samples are accepted 7:00 am to 4:00 pm Monday – Friday. Samples MUST arrive at the laboratory no longer than 2 days from the time of collection. Do not ship on Friday.
- If you have any questions regarding this sampling kit, please call our Client Service Department at 800-278-1254 and reference the *Oneida County Phase - PFAS Testing by EPA 537.1 via ERG.*

Private Residential Well PFAS Sampling Instructions

- Because PFAS are used to make products resistant to stains, grease, and water, they are prevalent in several items we use daily. To reduce potential contamination during sampling, it is recommended to avoid using personal care products such as cosmetics, moisturizers, deodorants, or other related products while sampling for PFAS.

Sampling Steps:

Reminder - Do not dump/flush out any preservatives that may be present in your sampling containers. These are crucial for testing purposes.

Reminder - 4 Cryopak Ice-Paks – TO BE FROZEN PRIOR TO COLLECTION / SHIPMENT

1. Choose a spot away from the sampling location to fill out all associated paperwork and bottle labels, using a ballpoint pen. Make sure the sample bottles and associated paperwork are clearly labeled with sample collection location, date, and time.
2. Wash hands with soap and water and put on the nitrile gloves provided in the sampling kit.
3. Bypass/avoid all treatment that may be in place in the residence. This includes filtration systems, water softeners, etc. It is recommended to collect the water sample from the kitchen faucet. Remove the screen from the faucet and flush for 5 minutes using only cold water.

- **Field Blank Collection/Transfer** - remove cap from the container containing water labeled "FB-537.1-A". Remove cap from the container labeled "FB-537.1-B" **without setting the cap down**. Pour contents of "FB-537.1-A" into "FB-537.1-B" container and replace cap. Ensure that "FB-537.1-B" is returned along with the tap water samples from the residence. Discard empty "FB-537.1-A" container after transfer.

4. **Sample Collection** - After sample tap has been flushed with cold water for five minutes, reduce the water flow to a pencil stream width to prevent overfilling. Remove the cap from one of the sample containers **without setting the cap down**. Fill bottle up to the neck (do not overfill) and replace the lid on the sample container. Tightly cap and invert sample 4-5 times until the preservative dissolves. Repeat this process with the second sample container. (Repeat process with 3rd and 4th bottle if included in your kit).
5. Prepare to get samples to the lab:

- Place the sample containers and FB-537.1-B (field blank) into the Ziplock bag they were received in. Place this bag into the cooler.
- Place **frozen** Cryopak Ice Packs and leave temperature blank bottle in cooler.
- Place completed paperwork back into Ziplock bag it was received in and place in the cooler.
- Samples can be delivered in-person to Northern Lake Service in Crandon.
- Alternately, secure the cooler with tape and ship it **back** to Northern Lake Service using the pre-paid SpeeDee return label. **Do not ship on Fridays.**