



Northern Lake Service, Inc • 400 N Lake Ave • Crandon, WI 54520  
800-278-1254 • [www.nlslab.com](http://www.nlslab.com)

December 02, 2025

Joey Koller  
Market & Johnson  
2350 Galloway St  
Eau Claire, WI 54703

Project: 2025 Investigative PFAS - Rothschild  
Project Number: Rothschild  
Work Order: CD14749  
Received: 11/21/25  
Purchase Order: 217937

Enclosed are the results of analyses for samples received by our laboratory on 11/21/2025. If you have any questions concerning this report, please feel free to contact a client service representative at [clientservices@nlslab.com](mailto:clientservices@nlslab.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald T. Krueger".

Ronald T. Krueger For Client Services  
Northern Lake Service, Inc.



Market & Johnson 2350 Galloway St Eau Claire, WI 54703	Project: 2025 Investigative PFAS - Rothschild Project Number: Rothschild Project Manager: Joey Koller	<b>Reported:</b> 12/2/25 13:42	<b>Work Order:</b> CD14749
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### 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
CD14749-01	Drinking Water	DW		11/20/25 11:00	11/21/25 8:30
CD14749-02	Field Blank	DW		11/20/25 11:00	11/21/25 8:30

#### Analysis Qualifiers:

LabNumber	Analysis	Qualifier
CD14749-01	537.1 Perfluorinated Chemicals by LC/MS/MS	FBNA1

#### Cancelled Tests:

Lab ID	Sample	Analysis	Cancelled	Initials
CD14749-02	Field Blank	537.1 Perfluorinated Chemicals (LOD/LOQ) FB	12/2/25 10:14	CSC



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### Case Narrative

Per client, investigative only. Not for SDWA compliance under NR809. Do not submit to WDNR.



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### Sample Results

**Sample: Drinking Water**

**CD14749-01 (DW) Sampled: 11/20/25 11:00**

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Laboratory FID
<b>Semi-Volatiles</b> Analytes: 22											
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.31	1.0		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.47	1.5		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxo-3H-perfluorononanoic acid (ADONA)	ND		0.41	1.3		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.93	3.1		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		1.1	3.8		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		1.2	4.1		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		0.72	2.4		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.54	1.8		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.62	2.0		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.54	1.8		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.56	1.8		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	ND		0.63	2.1		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.52	1.7		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	ND		0.47	1.5		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	ND		0.48	1.6		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.54	1.8		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.54	1.8		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.52	1.7		ng/L	12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	87%		Limits: 70-130%				12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	
Surrogate: (SURR) C13-HFPODA	81%		Limits: 70-130%				12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	
Surrogate: (SURR) C13-PFDA	87%		Limits: 70-130%				12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	
Surrogate: (SURR) d5-NEtFOSAA	80%		Limits: 70-130%				12/1/25 6:50	12/1/25 20:15	RAW	EPA 537.1, Rev 2.0	



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### Laboratory Facility Identifications

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.

CD14749

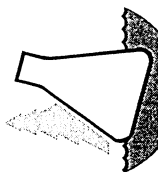
## SAMPLE COLLECTION AND CHAIN OF CUSTODY RECOI

Wisconsin Lab Cert. No. 7210  
WI DATCP 105-000330

CLIENT <b>MARKET &amp; JOHNSON</b>	
ADDRESS <b>2350 Galloway ST</b>	
CITY <b>EAU CLAIRE WI</b>	ZIP <b>54703</b>
PROJECT DESCRIPTION / NO. <b>Rothschild</b>	
DNR FID #	DNR LICENSE #
CONTACT	
PHONE	
FAX	
PURCHASE ORDER NO. <b>217937</b>	

MATRIX:  
SW = surface water  
WW = waste water  
GW = groundwater  
DW = drinking water  
TIS = tissue  
AIR = air  
SOIL = soil  
SED = sediment  
PROD = product  
SL = sludge  
OTHER

USE BOXES BELOW: Indicate Y or N if GW Sample is field filtered.  
Indicate G or C if WW Sample is Grab or Composite.



NO.

ITEM NO.	NLS LAB NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS	COLLECTION REMARKS (ie. DNR Well ID #)
			DATE	TIME			
1.		PFAS	11-20-25	11AM	DW		
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

COLLECTED BY (signature) <b>Mark Johnson</b>	CUSTODY SEAL NO. (IF ANY)	DATE/TIME <b>11-20-25 11AM</b>
RELINQUISHED BY (signature) <b>Mark Johnson</b>	RECEIVED BY (signature) <b>Mark Johnson</b>	DATE/TIME <b>11-20-25 1PM</b>
DISPATCHED BY (signature)	METHOD OF TRANSPORT <b>DP</b>	DATE/TIME
RECEIVED AT NLS BY (signature) <b>Mark Johnson</b>	DATE/TIME <b>11/21/25 830</b>	COMPL. DATE/TIME <b>0.00</b>
REMARKS & OTHER INFORMATION: <b>PFAS lot # verified</b>	WONR FACILITY NUMBER	E-MAIL ADDRESS
COOLER #		

PRESERVATIVE:  
NP = no preservative  
S = sulfuric acid  
N = nitric acid  
Z = zinc acetate  
M = methanol  
OH = sodium hydroxide  
HA = hydrochloric & ascorbic acid  
H = hydrochloric acid

**IMPORTANT:**

1. TO MEET REGULATORY REQUIREMENTS, THIS FORM MUST BE COMPLETED IN DETAIL AND INCLUDED IN THE COOLER CONTAINING THE SAMPLES DESCRIBED.
2. PLEASE USE ONE LINE PER SAMPLE; NOT PER BOTTLE.
3. RETURN THIS FORM WITH SAMPLES - CLIENT MAY KEEP PINK COPY.
4. PARTIES COLLECTING SAMPLE, LISTED AS REPORT TO AND LISTED AS INVOICED TO AGREE TO STANDARD TERMS & CONDITIONS ON REVERSE.

REPORT TO <b>MARKET &amp; JOHNSON Village of Rothschild</b>
INVOICE TO <b>MARKET &amp; JOHNSON PO # 217937</b>





**Northern Lake Service Inc.**  
ENVIRONMENTAL ANALYTICAL LABORATORY  
400 N Lake Ave | Crandon, WI 54520 | 800-278-1254 | www.nlslab.com

## BOTTLE ORDER/PACKING LIST

**Ship To:**

*Mark & Johnson*

Rick Stoviak  
Rothschild Public Works  
211 Grand Avenue  
Rothschild, WI 54474

Phone: (715) 359-5105  
Fax: (715) 359-7218  
Email: rstoviak@rothschildwi.com

**PWS ID: 73701617**

**Project: 2025 Investigative PFAS Testing**

Bottle Order Number: C017867

Date Submitted: 11/11/2025

Date Needed: 11/12/2025

Shipping Method: Speedee (C)

Tracking Number:

Shipping Comments:

*These samples will be logged in under their  
Engineering Firm*

*Will transfer information when we receive it.*

Order  
Comments:

Container	Qty	Analysis	Matrix	Comments
<b><i>Drinking Water</i></b>				
P 250 Trizma	4	537.1 Perfluorinated Chemicals by LC/MS/MS	DW	
P 250 Trizma	4	537.1 Perfluorinated Chemicals by LC/MS/MS	DW	
<b><i>Field Blank</i></b>				
P 250 Trizma	4	537.1 Perfluorinated Chemicals Field Blank	DW	

