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

October 21, 2026

Aaron Martin
Marathon City Water Department
311 Walnut Street
Marathon, WI 54448

Project: 2026 PFAS Testing (Oct)
Project Number: 2026 WDNR Drinking Water Requirements
Work Order: CE11989
Received: 10/14/26
PWS ID: 73701518

Enclosed are the results of analyses for samples received by our laboratory on 10/14/2026. If you have any questions concerning this report, please feel free to contact a client service representative at clientservices@nlslab.com.

Sincerely,

Steven M. Hefter - Vice President | Laboratory Director
Northern Lake Service, Inc.

Marathon City Water Department	Project: 2026 PFAS Testing (Oct)		
311 Walnut Street	Project Number: 2026 WDNR Drinking Water Requirements	**Reported:**	**Work Order:**
Marathon, WI 54448	Project Manager: Aaron Martin	10/21/26 14:51	CE11989

Sample Summary

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

Lab ID	Sample	Matrix	Date Sampled	Date Received
CE11989-01	EP200 (PFAS)	DW	10/13/26 10:10	10/14/26 8:30
CE11989-02	EP200 Field Blank	DW	10/13/26 10:10	10/14/26 8:30

Analysis Qualifiers:

LabNumber	Analysis	Qualifier
CE11989-01	537.1 Perfluorinated Chemicals by LC/MS/MS	FBNA1c

Cancelled Tests:

Lab ID	Sample	Analysis	Cancelled	Initials
CE11989-02	EP200 Field Blank	537.1 Perfluorinated Chemicals (LOD/LOQ) FB	10/21/26 8:31	CSC

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Sample Results

Sample: EP200 (PFAS)

CE11989-01 (DW) Sampled: 10/13/26 10:10

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Laboratory FID
Semi-Volatiles Analytes: 22											
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.31	1.0		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.47	1.5		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.41	1.3		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.93	3.1	10	ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.55	1.8		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.41	1.3		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	ND		0.72	2.4		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.54	1.8		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.62	2.0		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.54	1.8		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.56	1.8		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	1.2	J	0.63	2.1	10	ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.52	1.7	10	ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	0.93	J	0.47	1.5	4.0	ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	1.0	J	0.48	1.6	4.0	ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA, PFTeDA)	ND		0.54	1.8		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTrDA)	ND		0.54	1.8		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.52	1.7		ng/L	10/19/26 8:48	10/20/26 8:49	BAS	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	*104%*		*Limits:*	*70-130%*			*10/19/26 8:48*	*10/20/26 8:49*	*BAS*	*EPA 537.1, Rev 2.0*	
Surrogate: (SURR) C13-HFPODA	*97%*		*Limits:*	*70-130%*			*10/19/26 8:48*	*10/20/26 8:49*	*BAS*	*EPA 537.1, Rev 2.0*	
Surrogate: (SURR) C13-PFDA	*94%*		*Limits:*	*70-130%*			*10/19/26 8:48*	*10/20/26 8:49*	*BAS*	*EPA 537.1, Rev 2.0*	
Surrogate: (SURR) d5-NEtFOSAA	*92%*		*Limits:*	*70-130%*			*10/19/26 8:48*	*10/20/26 8:49*	*BAS*	*EPA 537.1, Rev 2.0*	

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311 Walnut Street	Project Number: 2026 WDNR Drinking Water Requirements	**Reported:**	**Work Order:**
Marathon, WI 54448	Project Manager: Aaron Martin	10/21/26 14:51	CE11989

Laboratory Facility Identifications

Code	Description	Number	Expires
2	NLS (Crandon) WDNR Laboratory ID No.	721026460	8/31/27

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Qualifier Definitions

Item	Definition
FBNA1c	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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CE11989

SAMPLE COLLECTION AND CHAIN OF CUSTODY RECOR

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

CLIENT	Marathon City Water Works
ADDRESS	311 Walnut St
CITY	Marathon
STATE	WI
ZIP	54448
PROJECT DESCRIPTION / NO.	
QUOTATION NO.	
DNR FID #	73701518
DNR LICENSE #	
CONTACT	Aaron Martin
PHONE	715 693-6901
PURCHASE ORDER NO.	
FAX	

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.

ANALYZE PER ORDER OF ANALYSIS

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION DATE	COLLECTION TIME	MATRIX (See above)	PFAS	NO.	COLLECTION REMARKS (i.e. DNR Well ID #)
1.		EP200	10/13/26		DW	X		
2.								
3.		EP200	10/13/26		DW	X		
4.								
5.								
6.								
7.								
8.								
9.								
10.								

ONE SAMPLE PER LINE

COLLECTED BY (signature)	CUSTODY SEAL NO. (IF ANY)	DATE/TIME 10/13/26
RELINQUISHED BY (signature)	RECEIVED BY (signature)	DATE/TIME 10/13/26
DISPATCHED BY (signature)	METHOD OF TRANSPORT	DATE/TIME

REPORT TO

INVOICE TO

RECEIVED AT NLS BY (signature)	DATE/TIME 10/14/26 0800	CONDITION DMK (B)	TEMP. 0.1°C
COOLER #	REMARKS & OTHER INFORMATION		
	WDNR FACILITY NUMBER	E-MAIL ADDRESS	

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.

Trisma Lot# Verified

DNR Drinking Water Program
West Central Region
1300 W Clairemont
Eau Claire WI 54701

PFAS RULE ANALYSIS
(ENCLOSE FORM WHEN SENDING SAMPLE TO LAB)

Public Water Supply
Form Number: 6804
Revision: 20240105
Generated: 1/08/2025

Section I: System Information (to be completed by Department of Natural Resources/SAMPLER)

System Name: **MARATHON CITY WATERWORKS** PWS ID: **73701518**

DNR Contact: **JESSICA MINICH (715)797-5360** Region: **6** Type: **MC**

System Address: **P O BOX 487** City: **MARATHON CITY** County: **MARATHON**

Entry Point ID: **200** WI Unique Well No: Note: **System Chlorinates.**

Sampler Contact Info: (Notify DNR Contact of Corrections)	**Sampler:** (Leave Blank If You Don't Use These Services)
(715)680-6804 AARON MARTIN PO BOX 487 311 WALNUT ST MARATHON CITY WI 54448	Provide information to have results faxed or emailed or to change a billing address, if your lab offers these services **Fax** Number: **Email:** **Billing** Address:

Sample Source: (Location)	**Sample Type:** (Check Only One)
W - Well Source	X D - Compliance Sample
X E - Entry Point	C - Confirmation Sample
D - Distribution System	I - Investigation Sample
	W - Raw Water Sample

Special Instructions:

Collect Sample between: **10/1/2026** and **10/31/2026**

Section II: Sample Information (to be completed by SAMPLER -- ALL ITEMS REQUIRED)

Sample Collection Date: 10 / 13 /2026 (mm/dd/yyyy) Time: 10 : 10 ☒a.m. ☐p.m.

Address where sample was collected: 311 Walnut St

Monitoring Site ID: EP200 Sample Tap Location (e.g. kitchen sink): Kitchen Sink

First Initial and Last Name of Sampler: A - Martin Sampler Phone: 7156806804

Section III: To be completed by LAB. Report results on back for PWS and electronically to DNR within 10 days per NR 809.80

☐ **Check here if some or all of the parameters were analyzed by a subcontracted lab.**
NOTE: A separate form must be completed by each lab with data for only the parameters which that lab analyzed.

Laboratory ID: Laboratory Name:

Date Sample Received: / / Time: : Lab Sample ID:

Signature of Receiving Lab Official: Date Reported to PWS: / /

Condition of Sample Upon Receipt:

Notice: This form must be submitted with laboratory samples analyzed to determine compliance with ch. NR 809, Wis. Adm. Code, Safe Drinking Water. Completion of this form or a similar form approved by the Department is mandatory. Failure to submit a completed form to the Department is a violation punishable by a forfeiture of no less than $10 nor more than $5000, or by a fine of not less than $10 nor more than $100 or imprisonment of not less than 30 days, or both. Each day of continued violation is a separate offense (ss. 144.99, Wis. Stats.). Authorization for these requirement is under s. 280.13(d), Wis. Stats. and ch. NR 809.80. Personally identifiable information on this form will be used for no other purpose. Reference Requirement #125159519.

PFAS RULE ANALYSIS System Name: **MARATHON CITY WATERWORKS**

To be completed by the laboratory performing analysis. PWS ID: **73701518** Lab Sample ID:

Storet Code		Parameter	SDWA Method	MDL	Results	MCL	Units
97435	X	HFPO-DA					NG/L
99987	X	PFBS					NG/L
99988	X	PFHXS					NG/L
99995	X	PFNA					NG/L
* 99597	X	PFOA					NG/L
* 99598	X	PFOS					NG/L

Approved By: QA Officer: _____ Date: _____

Laboratory Manager: _____ Date: _____

Comments: _____

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

BOTTLE ORDER/PACKING LIST

Ship To:

Aaron Martin
Marathon City Water Department
311 Walnut Street
Marathon, WI 54448

Phone: (715) 443-3817
Fax: (715) 443-3653
Email: amartin@marathoncitywi.gov

PWS ID: **73701518**
Project: **2026 PFAS Testing (Oct)**

Order Comments: Must collect in Oct

Bottle Order Number: C020652
Date Submitted: 01/06/2026
Date Needed: 09/20/2026

Shipping Method: Speedee (C)
Tracking Number:
Shipping Comments:
Monthly Oct

Container	Qty	Analysis	Matrix	Comments
EP200 (PFAS)				
P 250 Trizma	1	537.1 Perfluorinated Chemicals by LC/MS/MS	DW	
P 250 Trizma	1	537.1 Perfluorinated Chemicals by LC/MS/MS	DW	
EP200 Field Blank				
P 250 Trizma	1	537.1 Perfluorinated Chemicals Field Blank	DW	