



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

June 29, 2023

Mark Mackey  
Kronenwetter Water & Sewer Utility  
1582 Kronenwetter Drive  
Mosinee, WI 54455

Project: Quarterly Drinking Water Testing  
Project Number: 2023 WDNR Drinking Water Requirements  
Work Order: CB06731  
Received: 06/20/23  
PWS ID: 73717006

Enclosed are the results of analyses for samples received by our laboratory on 6/20/2023. 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,

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



Kronenwetter Water & Sewer Utility  
1582 Kronenwetter Drive  
Mosinee, WI 54455

Project: Quarterly Drinking Water Testing  
Project Number: 2023 WDNR Drinking Water Requirements  
Project Manager: Mark Mackey

**Reported:**  
6/29/23 10:57

**Work Order:**  
CB06731

### 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
CB06731-01	EP1 (PFAS)	DW			6/19/23 6:50	6/20/23 9:30
CB06731-03	EP2 (PFAS)	DW			6/19/23 7:15	6/20/23 9:30

#### Analysis Qualifiers:

LabNumber	Analysis	Qualifier
CB06731-01	537.1 Perfluorinated Chemicals by LC/MS/MS	FBNA1
CB06731-03	537.1 Perfluorinated Chemicals by LC/MS/MS	FBNA1

#### Cancelled Tests:

Lab ID	Sample	Analysis	Cancelled	Initials
CB06731-02	EP1 Field Blank	Perfluorinated Chemicals by EPA Method 537.1 FB	6/27/23 12:01	CSC
CB06731-04	EP2 Field Blank	Perfluorinated Chemicals by EPA Method 537.1 FB	6/27/23 12:01	CSC



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**Sample Results**

**Sample: EP1 (PFAS)**  
**CB06731-01 (DW) Sampled: 06/19/23 06:50**

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
<b>Semi-Volatiles</b>											
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.31	1.0		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.34	1.1		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.37	1.2		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.41	1.4		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.47	1.6		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.40	1.3		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	0.85	J	0.30	1.0		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.33	1.1		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.23	0.77		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.44	1.5		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.47	1.6		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	0.44	J	0.34	1.1		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.46	1.5		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	0.77	J	0.49	1.6		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	0.82	J	0.31	1.0		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.34	1.1		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTTrDA)	ND		0.43	1.4		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.30	1.0		ng/L	6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFHxA	102%		Limits: 70-130%				6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	96%		Limits: 70-130%				6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	98%		Limits: 70-130%				6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEtFOSAA	91%		Limits: 70-130%				6/23/23 5:30	6/26/23 17:35	RAW	EPA 537.1, Rev 2.0	2



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Reported:  
6/29/23 10:57

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**Sample: EP2 (PFAS)**

**CB06731-03 (DW) Sampled: 06/19/23 07:15**

Analyte	Result	Qualifier	LOD	LOQ	MCL	Units	Date Prepared	Date Analyzed	Analyst	Method	Lab Cert Code
<b>Semi-Volatiles</b>											
11-chloroicosafauro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		0.31	1.0		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	ND		0.34	1.1		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND		0.37	1.2		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
hexafluoropropylene oxide dimer acid (HFPO DA)	ND		0.41	1.4		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		0.47	1.6		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		0.40	1.3		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorobutanesulfonic acid (PFBS)	0.90	J	0.30	1.0		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorodecanoic acid (PFDA)	ND		0.33	1.1		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorododecanoic acid (PFDoA)	ND		0.23	0.77		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluoroheptanoic acid (PFHpA)	ND		0.44	1.5		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanoic acid (PFHxA)	ND		0.47	1.6		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorohexanesulfonic acid (PFHxS)	0.52	J	0.34	1.1		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorononanoic acid (PFNA)	ND		0.46	1.5		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanoic acid (PFOA)	0.94	J	0.49	1.6		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorooctanesulfonic acid (PFOS)	1.1		0.31	1.0		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorotetradecanoic acid (PFTA)	ND		0.34	1.1		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluorotridecanoic acid (PFTTrDA)	ND		0.43	1.4		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
perfluoroundecanoic acid (PFUnA)	ND		0.30	1.0		ng/L	6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
<hr/>											
Surrogate: (SURR) C13-PFHxA	100%		Limits: 70-130%				6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-HFPODA	97%		Limits: 70-130%				6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) C13-PFDA	98%		Limits: 70-130%				6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2
Surrogate: (SURR) d5-NEtFOSAA	84%		Limits: 70-130%				6/23/23 5:30	6/26/23 18:01	RAW	EPA 537.1, Rev 2.0	2





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**List of Certifications**

<b>Code</b>	<b>Description</b>	<b>Number</b>	<b>Expires</b>
2	NLS (Crandon) WDNR Laboratory ID No.	721026460	8/31/23



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6/29/23 10:57

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### Qualifiers and Definitions

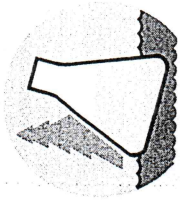
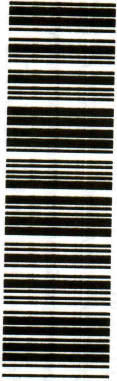
Item	Definition
FBNA1	The field sample had no detects at or greater than 2.0 ng/L, per the WDNR the corresponding field reagent blank was not required to be analyzed.
J	Result is between LOD and LOQ and considered to be within a region of less-certain quantitation.
ND	Analyte NOT DETECTED at or above 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 AND CHAIN OF CUSTODY RECORD

Wisconsin Lab Cert. No. 721026460  
WI DATCP 105-000330

CB06731



CLIENT: RWD  
 ADDRESS: 1582 Kronenwetter Dr.  
 CITY: Kronenwetter STATE: WI ZIP: 53445  
 PROJECT DESCRIPTION / NO.: PFAS Testing QUOTATION NO.:  
 DNR FID # \_\_\_\_\_ DNR LICENSE # \_\_\_\_\_  
 CONTACT: MAURICE MACEY PHONE: 715-574-3868  
 PURCHASE ORDER NO. \_\_\_\_\_ FAX: \_\_\_\_\_

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

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 \_\_\_\_\_

ITEM NO.	NLS LAB. NO.	SAMPLE ID	COLLECTION		MATRIX (See above)	ANALYZE PER ORDER OF ANALYSIS	COLLECTION REMARKS (i.e. DNR Well ID #)
			DATE	TIME			
1.		Well 1	6/19/23	06:50	DW	X	ep 1
2.		Well 2	6/19/23		DW	X	
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

COLLECTED BY (signature): Mark Mackey CUSTODY SEAL NO. (IF ANY):  
 RELINQUISHED BY (signature): \_\_\_\_\_ RECEIVED BY (signature): \_\_\_\_\_ DATE/TIME: 6/19/23  
 DISPATCHED BY (signature): \_\_\_\_\_ METHOD OF TRANSPORT: OK DATE/TIME: \_\_\_\_\_  
 RECEIVED AT NLS BY (signature): \_\_\_\_\_ DATE/TIME: 6/20 CONDITION: OK TEMP: 9.5  
 COOLER # \_\_\_\_\_ REMARKS & OTHER INFORMATION: any  
 WDNR FACILITY NUMBER \_\_\_\_\_ E-MAIL ADDRESS \_\_\_\_\_

REPORT TO: Same  
 INVOICE TO: Same

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



# PFAS ANALYSIS

(ENCLOSE FORM WHEN SENDING SAMPLE TO LAB)

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

System Name: **KRONENWETTER WATER & SEWER UTILITY** PWS ID: **73717006**

DNR Contact: **KYLE PRIEST (715)315-8094** Region: **6** Type: **MC** 

System Address: **1582 KRONENWETTER DR** City: **KRONENWETTER** County: **MARATHON**

Entry Point ID: **1** WI Unique Well No: **LI607** Note: **System Chlorinates.**

<b>Sampler Contact Info:</b> (Notify DNR Contact of Corrections) (715)574-3868 OIC MARK MACKEY 1582 KRONENWETTER DR KRONENWETTER WI 54455	<b>Sampler:</b> (Leave Blank If You Don't Use These Services) 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:
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Sample Source: (Location)	Sample Type: (Check Only One)
<input type="checkbox"/> W - Well Source	<input checked="" type="checkbox"/> D - Compliance Sample
<input checked="" type="checkbox"/> E - Entry Point	<input type="checkbox"/> C - Confirmation Sample
<input type="checkbox"/> D - Distribution System	<input type="checkbox"/> I - Investigation Sample
	<input type="checkbox"/> W - Raw Water Sample

Special Instructions:

Collect Sample between: **4/1/2023** and **6/30/2023**

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

Sample Collection Date: **06/19/2023** (mm/dd/yyyy) Time: **6:50**  a.m.  p.m.

Address where sample was collected: **1978 Lea Rd**

Monitoring Site ID: **EPI** Sample Tap Location (e.g. kitchen sink): **epi tap**

First Initial and Last Name of Sampler: **M. Mackey** Sampler Phone: **715-574-3868**

**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 requirements 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 #96838437.



**PFAS ANALYSIS** System Name: **KRONENWETTER WATER & SEWER UTILITY**

To be completed by the laboratory performing analysis. PWS ID: **73717006** Lab Sample ID:

Storet Code	Parameter	SDWA Method	MDL	Results	MCL	Units
* 99597 X	PERFLUORO-N-OCTANOIC ACID				70	NG/L
* 99598 X	PERFLUORO-N-OCTANESULFONIC ACID				70	NG/L
97433	11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID					NG/L
97434	4,8-DIOXA-3H-PERFLUORONONANOIC ACID					NG/L
97415	4:2 FLUOROTELOMER SULFONIC ACID					NG/L
97414	6:2 FLUOROTELOMER SULFONIC ACID					NG/L
97413	8:2 FLUOROTELOMER SULFONIC ACID					NG/L
97432	9-CHLOROHEXADECAFLUORO-3-OXANONANE-1-SULFONIC ACID					NG/L
97435	HEXAFLUOROPROPYLENE OXIDE DIMER ACID					NG/L
97436	N-ETHYL PERFLUOROOCCTANESULFONAMIDO-ACETIC ACID					NG/L
97437	N-METHYL PERFLUOROOCCTANESULFONAMIDO-ACETIC ACID					NG/L
99987	PERFLUORO-N-BUTANESULFONIC ACID					NG/L
99991	PERFLUORO-N-BUTANOIC ACID					NG/L
99996	PERFLUORO-N-DECANOIC ACID					NG/L
99998	PERFLUORO-N-DODECANOIC ACID					NG/L
99989	PERFLUORO-N-HEPTANESULFONIC ACID					NG/L
99994	PERFLUORO-N-HEPTANOIC ACID					NG/L
99988	PERFLUORO-N-HEXANESULFONIC ACID					NG/L
99993	PERFLUORO-N-HEXANOIC ACID					NG/L
99995	PERFLUORO-N-NONANOIC ACID					NG/L
99992	PERFLUORO-N-PENTANOIC ACID					NG/L
99924	PERFLUORO-N-TETRADECANOIC ACID					NG/L
99923	PERFLUORO-N-TRIDECANOIC ACID					NG/L
99997	PERFLUORO-N-UNDECANOIC ACID					NG/L
97425	PERFLUOROPENTANESULFONIC ACID					NG/L
95507	NONAFLUORO-3,6-DIOXAPHEPTANOIC ACID					NG/L
95504	PERFLUORO(2-ETHOXYETHANE)SULFONIC ACID					NG/L
95501	PERFLUORO-4-METHOXYBUTANOIC ACID					NG/L
95498	PERFLUORO-3-METHOXYPROPANOIC ACID					NG/L

**\*The full suite of PFAS contaminants listed under EPA Method 537.1 or EPA Method 533 must be analyzed as part of the perfluoro-n-octanoic acid (PFOA) and perfluoro-n-octanesulfonic acid (PFOS) analysis. Any detection of any other PFAS contaminant identified as part of the analysis must also be reported to the DNR as specified under NR 809.207(2), Safe Drinking Water, Wis. Adm. Code.**

Approved By: QA Officer:

Laboratory Manager:

Comments:

Date:

Date:



# PFAS ANALYSIS

**(ENCLOSE FORM WHEN SENDING SAMPLE TO LAB)**

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

System Name: **KRONENWETTER WATER & SEWER UTILITY** PWS ID: **73717006**

DNR Contact: **KYLE PRIEST (715)315-8094** Region: **6** Type: **MC** 

System Address: **1582 KRONENWETTER DR** City: **KRONENWETTER** County: **MARATHON**

Entry Point ID: **2** WI Unique Well No: **KO361** Note: **System Chlorinates.**

<b>Sampler Contact Info:</b> (Notify DNR Contact of Corrections) (715)574-3868 OIC MARK MACKEY 1582 KRONENWETTER DR KRONENWETTER WI 54455	<b>Sampler:</b> (Leave Blank If You Don't Use These Services) 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)
<input type="checkbox"/> W - Well Source	<input checked="" type="checkbox"/> D - Compliance Sample
<input checked="" type="checkbox"/> E - Entry Point	<input type="checkbox"/> C - Confirmation Sample
<input type="checkbox"/> D - Distribution System	<input type="checkbox"/> I - Investigation Sample
	<input type="checkbox"/> W - Raw Water Sample

Special Instructions:

Collect Sample between: **4/1/2023** and **6/30/2023**

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

Sample Collection Date: **06/19/2023** (mm/dd/yyyy) Time: **7:15**  a.m.  p.m.

Address where sample was collected: **1979 Lea Rd**

Monitoring Site ID: **EP2** Sample Tap Location (e.g. kitchen sink): **ep2 Tap**

First Initial and Last Name of Sampler: **M. Mackey** Sampler Phone: **715-574-3868**

**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 #96838542.



**PFAS ANALYSIS** System Name: **KRONENWETTER WATER & SEWER UTILITY**

To be completed by the laboratory performing analysis. PWS ID: **73717006** Lab Sample ID:

Storet Code	Parameter	SDWA Method	MDL	Results	MCL	Units
* 99597 X	PERFLUORO-N-OCTANOIC ACID				70	NG/L
* 99598 X	PERFLUORO-N-OCTANESULFONIC ACID				70	NG/L
97433	11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID					NG/L
97434	4,8-DIOXA-3H-PERFLUORONONANOIC ACID					NG/L
97415	4:2 FLUOROTELOMER SULFONIC ACID					NG/L
97414	6:2 FLUOROTELOMER SULFONIC ACID					NG/L
97413	8:2 FLUOROTELOMER SULFONIC ACID					NG/L
97432	9-CHLOROHEXADECAFLUORO-3-OXANONANE-1-SULFONIC ACID					NG/L
97435	HEXAFLUOROPROPYLENE OXIDE DIMER ACID					NG/L
97436	N-ETHYL PERFLUOROOCTANESULFONAMIDO-ACETIC ACID					NG/L
97437	N-METHYL PERFLUOROOCTANESULFONAMIDO-ACETIC ACID					NG/L
99987	PERFLUORO-N-BUTANESULFONIC ACID					NG/L
99991	PERFLUORO-N-BUTANOIC ACID					NG/L
99996	PERFLUORO-N-DECANOIC ACID					NG/L
99998	PERFLUORO-N-DODECANOIC ACID					NG/L
99989	PERFLUORO-N-HEPTANESULFONIC ACID					NG/L
99994	PERFLUORO-N-HEPTANOIC ACID					NG/L
99988	PERFLUORO-N-HEXANESULFONIC ACID					NG/L
99993	PERFLUORO-N-HEXANOIC ACID					NG/L
99995	PERFLUORO-N-NONANOIC ACID					NG/L
99992	PERFLUORO-N-PENTANOIC ACID					NG/L
99924	PERFLUORO-N-TETRADECANOIC ACID					NG/L
99923	PERFLUORO-N-TRIDECANOIC ACID					NG/L
99997	PERFLUORO-N-UNDECANOIC ACID					NG/L
97425	PERFLUOROPENTANESULFONIC ACID					NG/L
95507	NONAFLUORO-3,6-DIOXAPHEPTANOIC ACID					NG/L
95504	PERFLUORO(2-ETHOXYETHANE)SULFONIC ACID					NG/L
95501	PERFLUORO-4-METHOXYBUTANOIC ACID					NG/L
95498	PERFLUORO-3-METHOXYPROPANOIC ACID					NG/L

**\*The full suite of PFAS contaminants listed under EPA Method 537.1 or EPA Method 533 must be analyzed as part of the perfluoro-n-octanoic acid (PFOA) and perfluoro-n-octanesulfonic acid (PFOS) analysis. Any detection of any other PFAS contaminant identified as part of the analysis must also be reported to the DNR as specified under NR 809.207(2), Safe Drinking Water, Wis. Adm. Code.**

Approved By: QA Officer:

Laboratory Manager:

Comments:

Date:

Date:



**Kronenwetter Water & Sewer Utility**

CLIENT: Mark Mackey  
1582 Kronenwetter Drive  
Mosinee, WI 54455  
715-571-2698

2023 2nd Quarter Drinking Water Sampling Kit - Recollection due to FBs  
collected incorrectly

Cust #: 94254  
Order #: 110337  
Ship Date: 06/14/2023  
Type: DW

Spee-Dee

**Sample ID: Entry Point 1**

1 SET

Perfluorinated Compounds Method 537 -- 2 - 250 mL plastic Tris Hydrochloride

EPA 537 -- Field Blank

1 x 250 mL 1.25g Trizma - filled with blank water

1 x 250 mL 1.25 g Trizma for transfer from blank water bottle

**Sample ID: Entry Point 2**

1 SET

Perfluorinated Compounds Method 537 -- 2 - 250 mL plastic Tris Hydrochloride

EPA 537 -- Field Blank

1 x 250 mL 1.25g Trizma - filled with blank water

1 x 250 mL 1.25 g Trizma for transfer from blank water bottle

*Iron and Manganese*

Shipped and Completed by: Mark Mackey