eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

Laboratory Job ID: 320-78629-1
Client Project/Site: PFAS Testing

For:
City of Eau Claire
1000 Ferry Street
Eau Claire, Wisconsin 54703

Attn: Ty Fadness

Sandra Fredrick

Authorized for release by:
9/10/2021 10:30:38 AM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

Table of Contents

Definitions/Glossary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Qualifiers

LCMS

Qualifier	Qualifier Description
C	See Case Narrative
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Job ID: 320-78629-1

Laboratory: Eurofins TestAmerica, Sacramento

Narrative

Job Narrative
320-78629-1

Comments
No additional comments.

Receipt
The samples were received on 9/9/2021 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8º C.

LCMS
Method 537 (modified): A C flag is applied and then the following NCM is written. The transition mass ratio for the indicated analyte was outside of the established ratio limits. The qualitative identification of the analyte has some degree of uncertainty, and the reported value may have some high bias. However, analyst judgment was used to positively identify the analyte. Well 14 (320-78629-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3535: The following samples were preserved with trizma: Entry Point Line 1 (320-78629-1), EP Field Blank (320-78629-2), Well 9 (320-78629-3) and Well 14 (320-78629-4). Thus, the MB, LCS and LCSD also contain trizma. Method Code: 3535_PFC_28D Matrix: Aqueous
preparation batch 320-523522

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-523522. Method Code: 3535_PFC_28D Matrix: Aqueous

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Entry Point Line 1 — Lab Sample ID: 320-78629-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.8	J	4.6	2.2	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.1	J	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	0.41	J	1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.2		1.8	0.52	ng/L	1		537 (modified)	Total/NA

Client Sample ID: EP Field Blank — Lab Sample ID: 320-78629-2

No Detections.

Client Sample ID: Well 9 — Lab Sample ID: 320-78629-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.9	J	4.9	2.3	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.83	J	2.0	0.83	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.86	J	2.0	0.56	ng/L	1		537 (modified)	Total/NA

Client Sample ID: Well 14 — Lab Sample ID: 320-78629-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	1.8		1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	1.4	J	1.8	0.27	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	15		1.8	0.51	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.9	C	1.8	0.48	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Entry Point Line 1

Date Collected: 09/08/21 09:53
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-1

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.8**	**J**	4.6	2.2	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoropentanoic acid (PFPeA)	<0.45		1.8	0.45	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorohexanoic acid (PFHxA)	<0.53		1.8	0.53	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoroheptanoic acid (PFHpA)	<0.23		1.8	0.23	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorooctanoic acid (PFOA)	<0.78		1.8	0.78	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorononanoic acid (PFNA)	<0.25		1.8	0.25	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoroundecanoic acid (PFUnA)	<1.0		1.8	1.0	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorododecanoic acid (PFDoA)	<0.50		1.8	0.50	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorotetradecanoic acid (PFTeA)	<0.67		1.8	0.67	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.81		1.8	0.81	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.86		1.8	0.86	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorobutanesulfonic acid (PFBS)	**1.1**	**J**	1.8	0.18	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoropentanesulfonic acid (PFPeS)	**0.41**	**J**	1.8	0.27	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorohexanesulfonic acid (PFHxS)	**4.2**		1.8	0.52	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorooctanesulfonic acid (PFOS)	<0.49		1.8	0.49	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorononanesulfonic acid (PFNS)	<0.34		1.8	0.34	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorododecanesulfonic acid (PFDoS)	<0.89		1.8	0.89	ng/L		09/09/21 12:12	09/09/21 21:16	1
Perfluorooctanesulfonamide (FOSA)	<0.89		1.8	0.89	ng/L		09/09/21 12:12	09/09/21 21:16	1
NEtFOSA	<0.79		1.8	0.79	ng/L		09/09/21 12:12	09/09/21 21:16	1
NMeFOSA	<0.39		1.8	0.39	ng/L		09/09/21 12:12	09/09/21 21:16	1
NMeFOSAA	<1.1		4.6	1.1	ng/L		09/09/21 12:12	09/09/21 21:16	1
NEtFOSAA	<1.2		4.6	1.2	ng/L		09/09/21 12:12	09/09/21 21:16	1
NMeFOSE	<1.3		3.7	1.3	ng/L		09/09/21 12:12	09/09/21 21:16	1
NEtFOSE	<0.78		1.8	0.78	ng/L		09/09/21 12:12	09/09/21 21:16	1
4:2 FTS	<0.22		1.8	0.22	ng/L		09/09/21 12:12	09/09/21 21:16	1
6:2 FTS	<2.3		4.6	2.3	ng/L		09/09/21 12:12	09/09/21 21:16	1
8:2 FTS	<0.42		1.8	0.42	ng/L		09/09/21 12:12	09/09/21 21:16	1
10:2 FTS	<0.61		1.8	0.61	ng/L		09/09/21 12:12	09/09/21 21:16	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.37		1.8	0.37	ng/L		09/09/21 12:12	09/09/21 21:16	1
HFPO-DA (GenX)	<1.4		3.7	1.4	ng/L		09/09/21 12:12	09/09/21 21:16	1
9Cl-PF3ONS	<0.22		1.8	0.22	ng/L		09/09/21 12:12	09/09/21 21:16	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		09/09/21 12:12	09/09/21 21:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*72*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:16*	*1*
13C5 PFPeA	*41*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:16*	*1*
13C2 PFHxA	*75*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:16*	*1*
13C4 PFHpA	*61*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:16*	*1*
13C4 PFOA	*92*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:16*	*1*
13C5 PFNA	*77*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:16*	*1*

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Entry Point Line 1
Date Collected: 09/08/21 09:53
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-1
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	102		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C2 PFUnA	90		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C2 PFDoA	98		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C2 PFTeDA	107		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C2 PFHxDA	117		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C3 PFBS	63		25 - 150	09/09/21 12:12	09/09/21 21:16	1
18O2 PFHxS	78		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C4 PFOS	79		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C8 FOSA	82		10 - 150	09/09/21 12:12	09/09/21 21:16	1
d3-NMeFOSAA	77		25 - 150	09/09/21 12:12	09/09/21 21:16	1
d5-NEtFOSAA	80		25 - 150	09/09/21 12:12	09/09/21 21:16	1
d-N-MeFOSA-M	84		10 - 150	09/09/21 12:12	09/09/21 21:16	1
d-N-EtFOSA-M	81		10 - 150	09/09/21 12:12	09/09/21 21:16	1
d7-N-MeFOSE-M	77		10 - 150	09/09/21 12:12	09/09/21 21:16	1
d9-N-EtFOSE-M	87		10 - 150	09/09/21 12:12	09/09/21 21:16	1
M2-4:2 FTS	74		25 - 150	09/09/21 12:12	09/09/21 21:16	1
M2-6:2 FTS	97		25 - 150	09/09/21 12:12	09/09/21 21:16	1
M2-8:2 FTS	124		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C3 HFPO-DA	73		25 - 150	09/09/21 12:12	09/09/21 21:16	1
13C2 10:2 FTS	123		25 - 150	09/09/21 12:12	09/09/21 21:16	1

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: EP Field Blank

Date Collected: 09/08/21 09:54
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-2

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.5	2.1	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoropentanoic acid (PFPeA)	<0.44		1.8	0.44	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorohexanoic acid (PFHxA)	<0.52		1.8	0.52	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorooctanoic acid (PFOA)	<0.76		1.8	0.76	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoroundecanoic acid (PFUnA)	<0.98		1.8	0.98	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.80		1.8	0.80	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.84		1.8	0.84	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorobutanesulfonic acid (PFBS)	<0.18		1.8	0.18	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoropentanesulfonic acid (PFPeS)	<0.27		1.8	0.27	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorohexanesulfonic acid (PFHxS)	<0.51		1.8	0.51	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorooctanesulfonic acid (PFOS)	<0.48		1.8	0.48	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		09/09/21 12:12	09/09/21 21:25	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		09/09/21 12:12	09/09/21 21:25	1
NEtFOSA	<0.78		1.8	0.78	ng/L		09/09/21 12:12	09/09/21 21:25	1
NMeFOSA	<0.38		1.8	0.38	ng/L		09/09/21 12:12	09/09/21 21:25	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		09/09/21 12:12	09/09/21 21:25	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		09/09/21 12:12	09/09/21 21:25	1
NMeFOSE	<1.3		3.6	1.3	ng/L		09/09/21 12:12	09/09/21 21:25	1
NEtFOSE	<0.76		1.8	0.76	ng/L		09/09/21 12:12	09/09/21 21:25	1
4:2 FTS	<0.21		1.8	0.21	ng/L		09/09/21 12:12	09/09/21 21:25	1
6:2 FTS	<2.2		4.5	2.2	ng/L		09/09/21 12:12	09/09/21 21:25	1
8:2 FTS	<0.41		1.8	0.41	ng/L		09/09/21 12:12	09/09/21 21:25	1
10:2 FTS	<0.60		1.8	0.60	ng/L		09/09/21 12:12	09/09/21 21:25	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		09/09/21 12:12	09/09/21 21:25	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		09/09/21 12:12	09/09/21 21:25	1
9Cl-PF3ONS	<0.21		1.8	0.21	ng/L		09/09/21 12:12	09/09/21 21:25	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		09/09/21 12:12	09/09/21 21:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*96*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C5 PFPeA	*88*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C2 PFHxA	*96*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C4 PFHpA	*86*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C4 PFOA	*94*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C5 PFNA	*90*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C2 PFDA	*101*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*
13C2 PFUnA	*91*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:25*	*1*

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: EP Field Blank
Date Collected: 09/08/21 09:54
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-2
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	94		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C2 PFTeDA	95		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C2 PFHxDA	99		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C3 PFBS	95		25 - 150	09/09/21 12:12	09/09/21 21:25	1
18O2 PFHxS	93		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C4 PFOS	85		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C8 FOSA	89		10 - 150	09/09/21 12:12	09/09/21 21:25	1
d3-NMeFOSAA	84		25 - 150	09/09/21 12:12	09/09/21 21:25	1
d5-NEtFOSAA	89		25 - 150	09/09/21 12:12	09/09/21 21:25	1
d-N-MeFOSA-M	79		10 - 150	09/09/21 12:12	09/09/21 21:25	1
d-N-EtFOSA-M	75		10 - 150	09/09/21 12:12	09/09/21 21:25	1
d7-N-MeFOSE-M	87		10 - 150	09/09/21 12:12	09/09/21 21:25	1
d9-N-EtFOSE-M	84		10 - 150	09/09/21 12:12	09/09/21 21:25	1
M2-4:2 FTS	88		25 - 150	09/09/21 12:12	09/09/21 21:25	1
M2-6:2 FTS	98		25 - 150	09/09/21 12:12	09/09/21 21:25	1
M2-8:2 FTS	102		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C3 HFPO-DA	94		25 - 150	09/09/21 12:12	09/09/21 21:25	1
13C2 10:2 FTS	109		25 - 150	09/09/21 12:12	09/09/21 21:25	1

Client Sample ID: Well 9
Date Collected: 09/08/21 10:11
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-3
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.9**	**J**	4.9	2.3	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoropentanoic acid (PFPeA)	<0.48		2.0	0.48	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorohexanoic acid (PFHxA)	<0.57		2.0	0.57	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoroheptanoic acid (PFHpA)	<0.24		2.0	0.24	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorooctanoic acid (PFOA)	**0.83**	**J**	2.0	0.83	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorononanoic acid (PFNA)	<0.26		2.0	0.26	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorodecanoic acid (PFDA)	<0.30		2.0	0.30	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	0.54	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorotetradecanoic acid (PFTeA)	<0.71		2.0	0.71	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.87		2.0	0.87	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.92		2.0	0.92	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoropentanesulfonic acid (PFPeS)	<0.29		2.0	0.29	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorohexanesulfonic acid (PFHxS)	**0.86**	**J**	2.0	0.56	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorooctanesulfonic acid (PFOS)	<0.53		2.0	0.53	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorononanesulfonic acid (PFNS)	<0.36		2.0	0.36	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorodecanesulfonic acid (PFDS)	<0.31		2.0	0.31	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorododecanesulfonic acid (PFDoS)	<0.95		2.0	0.95	ng/L		09/09/21 12:12	09/09/21 21:35	1
Perfluorooctanesulfonamide (FOSA)	<0.96		2.0	0.96	ng/L		09/09/21 12:12	09/09/21 21:35	1
NEtFOSA	<0.85		2.0	0.85	ng/L		09/09/21 12:12	09/09/21 21:35	1
NMeFOSA	<0.42		2.0	0.42	ng/L		09/09/21 12:12	09/09/21 21:35	1
NMeFOSAA	<1.2		4.9	1.2	ng/L		09/09/21 12:12	09/09/21 21:35	1
NEtFOSAA	<1.3		4.9	1.3	ng/L		09/09/21 12:12	09/09/21 21:35	1
NMeFOSE	<1.4		3.9	1.4	ng/L		09/09/21 12:12	09/09/21 21:35	1
NEtFOSE	<0.83		2.0	0.83	ng/L		09/09/21 12:12	09/09/21 21:35	1
4:2 FTS	<0.23		2.0	0.23	ng/L		09/09/21 12:12	09/09/21 21:35	1
6:2 FTS	<2.4		4.9	2.4	ng/L		09/09/21 12:12	09/09/21 21:35	1
8:2 FTS	<0.45		2.0	0.45	ng/L		09/09/21 12:12	09/09/21 21:35	1
10:2 FTS	<0.66		2.0	0.66	ng/L		09/09/21 12:12	09/09/21 21:35	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.39		2.0	0.39	ng/L		09/09/21 12:12	09/09/21 21:35	1
HFPO-DA (GenX)	<1.5		3.9	1.5	ng/L		09/09/21 12:12	09/09/21 21:35	1
9Cl-PF3ONS	<0.23		2.0	0.23	ng/L		09/09/21 12:12	09/09/21 21:35	1
11Cl-PF3OUdS	<0.31		2.0	0.31	ng/L		09/09/21 12:12	09/09/21 21:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*72*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*
13C5 PFPeA	*38*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*
13C2 PFHxA	*78*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*
13C4 PFHpA	*66*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*
13C4 PFOA	*93*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*
13C5 PFNA	*80*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*
13C2 PFDA	*101*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:35*	*1*

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Well 9
Date Collected: 09/08/21 10:11
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-3
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	92		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C2 PFDoA	101		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C2 PFTeDA	108		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C2 PFHxDA	117		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C3 PFBS	69		25 - 150	09/09/21 12:12	09/09/21 21:35	1
18O2 PFHxS	84		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C4 PFOS	82		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C8 FOSA	93		10 - 150	09/09/21 12:12	09/09/21 21:35	1
d3-NMeFOSAA	77		25 - 150	09/09/21 12:12	09/09/21 21:35	1
d5-NEtFOSAA	87		25 - 150	09/09/21 12:12	09/09/21 21:35	1
d-N-MeFOSA-M	95		10 - 150	09/09/21 12:12	09/09/21 21:35	1
d-N-EtFOSA-M	88		10 - 150	09/09/21 12:12	09/09/21 21:35	1
d7-N-MeFOSE-M	82		10 - 150	09/09/21 12:12	09/09/21 21:35	1
d9-N-EtFOSE-M	87		10 - 150	09/09/21 12:12	09/09/21 21:35	1
M2-4:2 FTS	72		25 - 150	09/09/21 12:12	09/09/21 21:35	1
M2-6:2 FTS	107		25 - 150	09/09/21 12:12	09/09/21 21:35	1
M2-8:2 FTS	113		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C3 HFPO-DA	69		25 - 150	09/09/21 12:12	09/09/21 21:35	1
13C2 10:2 FTS	121		25 - 150	09/09/21 12:12	09/09/21 21:35	1

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Well 14
Date Collected: 09/08/21 10:15
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-4
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.1		4.5	2.1	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoropentanoic acid (PFPeA)	<0.44		1.8	0.44	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorohexanoic acid (PFHxA)	<0.52		1.8	0.52	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoroheptanoic acid (PFHpA)	<0.22		1.8	0.22	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorooctanoic acid (PFOA)	<0.76		1.8	0.76	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorononanoic acid (PFNA)	<0.24		1.8	0.24	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorodecanoic acid (PFDA)	<0.28		1.8	0.28	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoroundecanoic acid (PFUnA)	<0.99		1.8	0.99	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorododecanoic acid (PFDoA)	<0.49		1.8	0.49	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorotridecanoic acid (PFTrDA)	<1.2		1.8	1.2	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorotetradecanoic acid (PFTeA)	<0.65		1.8	0.65	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.80		1.8	0.80	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.84		1.8	0.84	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorobutanesulfonic acid (PFBS)	**1.8**		1.8	0.18	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoropentanesulfonic acid (PFPeS)	**1.4**	**J**	1.8	0.27	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorohexanesulfonic acid (PFHxS)	**15**		1.8	0.51	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.17		1.8	0.17	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorooctanesulfonic acid (PFOS)	**4.9**	**C**	1.8	0.48	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorononanesulfonic acid (PFNS)	<0.33		1.8	0.33	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorodecanesulfonic acid (PFDS)	<0.29		1.8	0.29	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorododecanesulfonic acid (PFDoS)	<0.87		1.8	0.87	ng/L		09/09/21 12:12	09/09/21 21:44	1
Perfluorooctanesulfonamide (FOSA)	<0.88		1.8	0.88	ng/L		09/09/21 12:12	09/09/21 21:44	1
NEtFOSA	<0.78		1.8	0.78	ng/L		09/09/21 12:12	09/09/21 21:44	1
NMeFOSA	<0.39		1.8	0.39	ng/L		09/09/21 12:12	09/09/21 21:44	1
NMeFOSAA	<1.1		4.5	1.1	ng/L		09/09/21 12:12	09/09/21 21:44	1
NEtFOSAA	<1.2		4.5	1.2	ng/L		09/09/21 12:12	09/09/21 21:44	1
NMeFOSE	<1.3		3.6	1.3	ng/L		09/09/21 12:12	09/09/21 21:44	1
NEtFOSE	<0.76		1.8	0.76	ng/L		09/09/21 12:12	09/09/21 21:44	1
4:2 FTS	<0.21		1.8	0.21	ng/L		09/09/21 12:12	09/09/21 21:44	1
6:2 FTS	<2.2		4.5	2.2	ng/L		09/09/21 12:12	09/09/21 21:44	1
8:2 FTS	<0.41		1.8	0.41	ng/L		09/09/21 12:12	09/09/21 21:44	1
10:2 FTS	<0.60		1.8	0.60	ng/L		09/09/21 12:12	09/09/21 21:44	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.36		1.8	0.36	ng/L		09/09/21 12:12	09/09/21 21:44	1
HFPO-DA (GenX)	<1.3		3.6	1.3	ng/L		09/09/21 12:12	09/09/21 21:44	1
9Cl-PF3ONS	<0.21		1.8	0.21	ng/L		09/09/21 12:12	09/09/21 21:44	1
11Cl-PF3OUdS	<0.29		1.8	0.29	ng/L		09/09/21 12:12	09/09/21 21:44	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*80*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:44*	*1*
13C5 PFPeA	*47*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:44*	*1*
13C2 PFHxA	*82*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:44*	*1*
13C4 PFHpA	*70*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:44*	*1*
13C4 PFOA	*98*		*25 - 150*	*09/09/21 12:12*	*09/09/21 21:44*	*1*

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Well 14

Date Collected: 09/08/21 10:15
Date Received: 09/09/21 10:00

Lab Sample ID: 320-78629-4

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFNA	82		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C2 PFDA	107		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C2 PFUnA	91		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C2 PFDoA	101		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C2 PFTeDA	109		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C2 PFHxDA	116		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C3 PFBS	70		25 - 150	09/09/21 12:12	09/09/21 21:44	1
18O2 PFHxS	86		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C4 PFOS	90		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C8 FOSA	90		10 - 150	09/09/21 12:12	09/09/21 21:44	1
d3-NMeFOSAA	82		25 - 150	09/09/21 12:12	09/09/21 21:44	1
d5-NEtFOSAA	86		25 - 150	09/09/21 12:12	09/09/21 21:44	1
d-N-MeFOSA-M	90		10 - 150	09/09/21 12:12	09/09/21 21:44	1
d-N-EtFOSA-M	88		10 - 150	09/09/21 12:12	09/09/21 21:44	1
d7-N-MeFOSE-M	80		10 - 150	09/09/21 12:12	09/09/21 21:44	1
d9-N-EtFOSE-M	82		10 - 150	09/09/21 12:12	09/09/21 21:44	1
M2-4:2 FTS	80		25 - 150	09/09/21 12:12	09/09/21 21:44	1
M2-6:2 FTS	94		25 - 150	09/09/21 12:12	09/09/21 21:44	1
M2-8:2 FTS	116		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C3 HFPO-DA	76		25 - 150	09/09/21 12:12	09/09/21 21:44	1
13C2 10:2 FTS	123		25 - 150	09/09/21 12:12	09/09/21 21:44	1

Isotope Dilution Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	PFHxA	C4PFHA	PFOA	PFNA	PFDA	PFUnA
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
320-78629-1	Entry Point Line 1	72	41	75	61	92	77	102	90
320-78629-2	EP Field Blank	96	88	96	86	94	90	101	91
320-78629-3	Well 9	72	38	78	66	93	80	101	92
320-78629-4	Well 14	80	47	82	70	98	82	107	91
LCS 320-523522/2-A	Lab Control Sample	94	93	99	93	95	93	101	99
LCSD 320-523522/3-A	Lab Control Sample Dup	100	93	111	95	93	89	99	94
MB 320-523522/1-A	Method Blank	93	96	96	96	95	94	102	96

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFDoA	PFTDA	PFHxDA	C3PFBS	PFHxS	PFOS	PFOSA	d3NMFOS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(10-150)	(25-150)
320-78629-1	Entry Point Line 1	98	107	117	63	78	79	82	77
320-78629-2	EP Field Blank	94	95	99	95	93	85	89	84
320-78629-3	Well 9	101	108	117	69	84	82	93	77
320-78629-4	Well 14	101	109	116	70	86	90	90	82
LCS 320-523522/2-A	Lab Control Sample	95	93	102	97	95	86	93	91
LCSD 320-523522/3-A	Lab Control Sample Dup	103	90	97	96	92	94	87	88
MB 320-523522/1-A	Method Blank	98	93	98	97	94	92	90	90

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		d5NEFOS	dMeFOSA	dEtFOSA	NMFM	NEFM	M242FTS	M262FTS	M282FTS
Lab Sample ID	Client Sample ID	(25-150)	(10-150)	(10-150)	(10-150)	(10-150)	(25-150)	(25-150)	(25-150)
320-78629-1	Entry Point Line 1	80	84	81	77	87	74	97	124
320-78629-2	EP Field Blank	89	79	75	87	84	88	98	102
320-78629-3	Well 9	87	95	88	82	87	72	107	113
320-78629-4	Well 14	86	90	88	80	82	80	94	116
LCS 320-523522/2-A	Lab Control Sample	96	81	83	86	83	93	98	105
LCSD 320-523522/3-A	Lab Control Sample Dup	92	83	81	89	85	93	92	109
MB 320-523522/1-A	Method Blank	99	80	82	88	86	91	100	107

		Percent Isotope Dilution Recovery (Acceptance Limits)	
		HFPODA	M102FTS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)
320-78629-1	Entry Point Line 1	73	123
320-78629-2	EP Field Blank	94	109
320-78629-3	Well 9	69	121
320-78629-4	Well 14	76	123
LCS 320-523522/2-A	Lab Control Sample	103	108
LCSD 320-523522/3-A	Lab Control Sample Dup	96	110
MB 320-523522/1-A	Method Blank	97	106

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
C4PFHA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA

Isotope Dilution Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

PFHxDA = 13C2 PFHxDA
C3PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
dMeFOSA = d-N-MeFOSA-M
dEtFOSA = d-N-EtFOSA-M
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA
M102FTS = 13C2 10:2 FTS

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-523522/1-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 523522

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<2.4		5.0	2.4	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoropentanoic acid (PFPeA)	<0.49		2.0	0.49	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorohexanoic acid (PFHxA)	<0.58		2.0	0.58	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoroheptanoic acid (PFHpA)	<0.25		2.0	0.25	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorooctanoic acid (PFOA)	<0.85		2.0	0.85	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorononanoic acid (PFNA)	<0.27		2.0	0.27	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	0.31	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoroundecanoic acid (PFUnA)	<1.1		2.0	1.1	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorododecanoic acid (PFDoA)	<0.55		2.0	0.55	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorotridecanoic acid (PFTrDA)	<1.3		2.0	1.3	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorotetradecanoic acid (PFTeA)	<0.73		2.0	0.73	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoro-n-hexadecanoic acid (PFHxDA)	<0.89		2.0	0.89	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoro-n-octadecanoic acid (PFODA)	<0.94		2.0	0.94	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorobutanesulfonic acid (PFBS)	<0.20		2.0	0.20	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoropentanesulfonic acid (PFPeS)	<0.30		2.0	0.30	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.57		2.0	0.57	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	<0.19		2.0	0.19	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorooctanesulfonic acid (PFOS)	<0.54		2.0	0.54	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorononanesulfonic acid (PFNS)	<0.37		2.0	0.37	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorodecanesulfonic acid (PFDS)	<0.32		2.0	0.32	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorododecanesulfonic acid (PFDoS)	<0.97		2.0	0.97	ng/L		09/09/21 12:12	09/09/21 20:48	1
Perfluorooctanesulfonamide (FOSA)	<0.98		2.0	0.98	ng/L		09/09/21 12:12	09/09/21 20:48	1
NEtFOSA	<0.87		2.0	0.87	ng/L		09/09/21 12:12	09/09/21 20:48	1
NMeFOSA	<0.43		2.0	0.43	ng/L		09/09/21 12:12	09/09/21 20:48	1
NMeFOSAA	<1.2		5.0	1.2	ng/L		09/09/21 12:12	09/09/21 20:48	1
NEtFOSAA	<1.3		5.0	1.3	ng/L		09/09/21 12:12	09/09/21 20:48	1
NMeFOSE	<1.4		4.0	1.4	ng/L		09/09/21 12:12	09/09/21 20:48	1
NEtFOSE	<0.85		2.0	0.85	ng/L		09/09/21 12:12	09/09/21 20:48	1
4:2 FTS	<0.24		2.0	0.24	ng/L		09/09/21 12:12	09/09/21 20:48	1
6:2 FTS	<2.5		5.0	2.5	ng/L		09/09/21 12:12	09/09/21 20:48	1
8:2 FTS	<0.46		2.0	0.46	ng/L		09/09/21 12:12	09/09/21 20:48	1
10:2 FTS	<0.67		2.0	0.67	ng/L		09/09/21 12:12	09/09/21 20:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.40		2.0	0.40	ng/L		09/09/21 12:12	09/09/21 20:48	1
HFPO-DA (GenX)	<1.5		4.0	1.5	ng/L		09/09/21 12:12	09/09/21 20:48	1
9Cl-PF3ONS	<0.24		2.0	0.24	ng/L		09/09/21 12:12	09/09/21 20:48	1
11Cl-PF3OUdS	<0.32		2.0	0.32	ng/L		09/09/21 12:12	09/09/21 20:48	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93*		*25 - 150*	*09/09/21 12:12*	*09/09/21 20:48*	*1*
13C5 PFPeA	*96*		*25 - 150*	*09/09/21 12:12*	*09/09/21 20:48*	*1*
13C2 PFHxA	*96*		*25 - 150*	*09/09/21 12:12*	*09/09/21 20:48*	*1*
13C4 PFHpA	*96*		*25 - 150*	*09/09/21 12:12*	*09/09/21 20:48*	*1*
13C4 PFOA	*95*		*25 - 150*	*09/09/21 12:12*	*09/09/21 20:48*	*1*
13C5 PFNA	*94*		*25 - 150*	*09/09/21 12:12*	*09/09/21 20:48*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-523522/1-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 523522

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	102		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C2 PFUnA	96		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C2 PFDoA	98		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C2 PFTeDA	93		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C2 PFHxDA	98		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C3 PFBS	97		25 - 150	09/09/21 12:12	09/09/21 20:48	1
18O2 PFHxS	94		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C4 PFOS	92		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C8 FOSA	90		10 - 150	09/09/21 12:12	09/09/21 20:48	1
d3-NMeFOSAA	90		25 - 150	09/09/21 12:12	09/09/21 20:48	1
d5-NEtFOSAA	99		25 - 150	09/09/21 12:12	09/09/21 20:48	1
d-N-MeFOSA-M	80		10 - 150	09/09/21 12:12	09/09/21 20:48	1
d-N-EtFOSA-M	82		10 - 150	09/09/21 12:12	09/09/21 20:48	1
d7-N-MeFOSE-M	88		10 - 150	09/09/21 12:12	09/09/21 20:48	1
d9-N-EtFOSE-M	86		10 - 150	09/09/21 12:12	09/09/21 20:48	1
M2-4:2 FTS	91		25 - 150	09/09/21 12:12	09/09/21 20:48	1
M2-6:2 FTS	100		25 - 150	09/09/21 12:12	09/09/21 20:48	1
M2-8:2 FTS	107		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C3 HFPO-DA	97		25 - 150	09/09/21 12:12	09/09/21 20:48	1
13C2 10:2 FTS	106		25 - 150	09/09/21 12:12	09/09/21 20:48	1

Lab Sample ID: LCS 320-523522/2-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 523522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	42.1		ng/L		105	60 - 135
Perfluoropentanoic acid (PFPeA)	40.0	42.6		ng/L		106	60 - 135
Perfluorohexanoic acid (PFHxA)	40.0	36.7		ng/L		92	60 - 135
Perfluoroheptanoic acid (PFHpA)	40.0	42.4		ng/L		106	60 - 135
Perfluorooctanoic acid (PFOA)	40.0	39.6		ng/L		99	60 - 135
Perfluorononanoic acid (PFNA)	40.0	43.0		ng/L		108	60 - 135
Perfluorodecanoic acid (PFDA)	40.0	39.1		ng/L		98	60 - 135
Perfluoroundecanoic acid (PFUnA)	40.0	42.9		ng/L		107	60 - 135
Perfluorododecanoic acid (PFDoA)	40.0	41.9		ng/L		105	60 - 135
Perfluorotridecanoic acid (PFTrDA)	40.0	43.7		ng/L		109	60 - 135
Perfluorotetradecanoic acid (PFTeA)	40.0	42.6		ng/L		106	60 - 135
Perfluoro-n-hexadecanoic acid (PFHxDA)	40.0	41.5		ng/L		104	60 - 135
Perfluoro-n-octadecanoic acid (PFODA)	40.0	43.3		ng/L		108	60 - 135
Perfluorobutanesulfonic acid (PFBS)	35.4	40.0		ng/L		113	60 - 135
Perfluoropentanesulfonic acid (PFPeS)	37.5	41.3		ng/L		110	60 - 135
Perfluorohexanesulfonic acid (PFHxS)	36.4	37.3		ng/L		102	60 - 135

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-523522/2-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 523522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	48.1		ng/L		126	60 - 135
Perfluorooctanesulfonic acid (PFOS)	37.1	42.3		ng/L		114	60 - 135
Perfluorononanesulfonic acid (PFNS)	38.4	47.0		ng/L		122	60 - 135
Perfluorodecanesulfonic acid (PFDS)	38.6	45.3		ng/L		118	60 - 135
Perfluorododecanesulfonic acid (PFDoS)	38.7	45.0		ng/L		116	60 - 135
Perfluorooctanesulfonamide (FOSA)	40.0	42.3		ng/L		106	60 - 135
NEtFOSA	40.0	40.6		ng/L		102	60 - 135
NMeFOSA	40.0	44.3		ng/L		111	60 - 135
NMeFOSAA	40.0	45.6		ng/L		114	60 - 135
NEtFOSAA	40.0	39.3		ng/L		98	60 - 135
NMeFOSE	40.0	43.2		ng/L		108	60 - 135
NEtFOSE	40.0	43.8		ng/L		109	60 - 135
4:2 FTS	37.4	38.9		ng/L		104	60 - 135
6:2 FTS	37.9	37.3		ng/L		98	60 - 135
8:2 FTS	38.3	40.6		ng/L		106	60 - 135
10:2 FTS	38.6	35.4		ng/L		92	60 - 135
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.7	44.8		ng/L		119	60 - 135
HFPO-DA (GenX)	40.0	43.7		ng/L		109	60 - 135
9Cl-PF3ONS	37.3	45.8		ng/L		123	60 - 135
11Cl-PF3OUdS	37.7	45.7		ng/L		121	60 - 135

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*94*		*25 - 150*
13C5 PFPeA	*93*		*25 - 150*
13C2 PFHxA	*99*		*25 - 150*
13C4 PFHpA	*93*		*25 - 150*
13C4 PFOA	*95*		*25 - 150*
13C5 PFNA	*93*		*25 - 150*
13C2 PFDA	*101*		*25 - 150*
13C2 PFUnA	*99*		*25 - 150*
13C2 PFDoA	*95*		*25 - 150*
13C2 PFTeDA	*93*		*25 - 150*
13C2 PFHxDA	*102*		*25 - 150*
13C3 PFBS	*97*		*25 - 150*
18O2 PFHxS	*95*		*25 - 150*
13C4 PFOS	*86*		*25 - 150*
13C8 FOSA	*93*		*10 - 150*
d3-NMeFOSAA	*91*		*25 - 150*
d5-NEtFOSAA	*96*		*25 - 150*
d-N-MeFOSA-M	*81*		*10 - 150*
d-N-EtFOSA-M	*83*		*10 - 150*
d7-N-MeFOSE-M	*86*		*10 - 150*
d9-N-EtFOSE-M	*83*		*10 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-523522/2-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 523522

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-4:2 FTS	*93*		*25 - 150*
M2-6:2 FTS	*98*		*25 - 150*
M2-8:2 FTS	*105*		*25 - 150*
13C3 HFPO-DA	*103*		*25 - 150*
13C2 10:2 FTS	*108*		*25 - 150*

Lab Sample ID: LCSD 320-523522/3-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 523522

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	41.1		ng/L		103	60 - 135	2	30
Perfluoropentanoic acid (PFPeA)			40.0	38.5		ng/L		96	60 - 135	10	30
Perfluorohexanoic acid (PFHxA)			40.0	34.0		ng/L		85	60 - 135	8	30
Perfluoroheptanoic acid (PFHpA)			40.0	39.6		ng/L		99	60 - 135	7	30
Perfluorooctanoic acid (PFOA)			40.0	39.6		ng/L		99	60 - 135	0	30
Perfluorononanoic acid (PFNA)			40.0	42.6		ng/L		107	60 - 135	1	30
Perfluorodecanoic acid (PFDA)			40.0	39.1		ng/L		98	60 - 135	0	30
Perfluoroundecanoic acid (PFUnA)			40.0	41.8		ng/L		104	60 - 135	3	30
Perfluorododecanoic acid (PFDoA)			40.0	37.5		ng/L		94	60 - 135	11	30
Perfluorotridecanoic acid (PFTrDA)			40.0	39.0		ng/L		98	60 - 135	11	30
Perfluorotetradecanoic acid (PFTeA)			40.0	42.0		ng/L		105	60 - 135	1	30
Perfluoro-n-hexadecanoic acid (PFHxDA)			40.0	43.0		ng/L		107	60 - 135	3	30
Perfluoro-n-octadecanoic acid (PFODA)			40.0	40.4		ng/L		101	60 - 135	7	30
Perfluorobutanesulfonic acid (PFBS)			35.4	37.8		ng/L		107	60 - 135	6	30
Perfluoropentanesulfonic acid (PFPeS)			37.5	38.7		ng/L		103	60 - 135	7	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	39.5		ng/L		109	60 - 135	6	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	39.5		ng/L		104	60 - 135	19	30
Perfluorooctanesulfonic acid (PFOS)			37.1	41.1		ng/L		111	60 - 135	3	30
Perfluorononanesulfonic acid (PFNS)			38.4	42.3		ng/L		110	60 - 135	11	30
Perfluorodecanesulfonic acid (PFDS)			38.6	37.1		ng/L		96	60 - 135	20	30
Perfluorododecanesulfonic acid (PFDoS)			38.7	40.5		ng/L		105	60 - 135	10	30
Perfluorooctanesulfonamide (FOSA)			40.0	40.7		ng/L		102	60 - 135	4	30
NEtFOSA			40.0	40.3		ng/L		101	60 - 135	1	30
NMeFOSA			40.0	39.0		ng/L		98	60 - 135	13	30
NMeFOSAA			40.0	43.5		ng/L		109	60 - 135	5	30
NEtFOSAA			40.0	39.3		ng/L		98	60 - 135	0	30
NMeFOSE			40.0	39.6		ng/L		99	60 - 135	9	30

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-523522/3-A
Matrix: Water
Analysis Batch: 523659

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 523522

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
NEtFOSE			40.0	43.2		ng/L		108	60 - 135	1	30
4:2 FTS			37.4	35.4		ng/L		95	60 - 135	10	30
6:2 FTS			37.9	42.8		ng/L		113	60 - 135	14	30
8:2 FTS			38.3	37.1		ng/L		97	60 - 135	9	30
10:2 FTS			38.6	33.2		ng/L		86	60 - 135	6	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)			37.7	41.1		ng/L		109	60 - 135	9	30
HFPO-DA (GenX)			40.0	40.8		ng/L		102	60 - 135	7	30
9Cl-PF3ONS			37.3	40.5		ng/L		109	60 - 135	12	30
11Cl-PF3OUdS			37.7	38.5		ng/L		102	60 - 135	17	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*100*		*25 - 150*
13C5 PFPeA	*93*		*25 - 150*
13C2 PFHxA	*111*		*25 - 150*
13C4 PFHpA	*95*		*25 - 150*
13C4 PFOA	*93*		*25 - 150*
13C5 PFNA	*89*		*25 - 150*
13C2 PFDA	*99*		*25 - 150*
13C2 PFUnA	*94*		*25 - 150*
13C2 PFDoA	*103*		*25 - 150*
13C2 PFTeDA	*90*		*25 - 150*
13C2 PFHxDA	*97*		*25 - 150*
13C3 PFBS	*96*		*25 - 150*
18O2 PFHxS	*92*		*25 - 150*
13C4 PFOS	*94*		*25 - 150*
13C8 FOSA	*87*		*10 - 150*
d3-NMeFOSAA	*88*		*25 - 150*
d5-NEtFOSAA	*92*		*25 - 150*
d-N-MeFOSA-M	*83*		*10 - 150*
d-N-EtFOSA-M	*81*		*10 - 150*
d7-N-MeFOSE-M	*89*		*10 - 150*
d9-N-EtFOSE-M	*85*		*10 - 150*
M2-4:2 FTS	*93*		*25 - 150*
M2-6:2 FTS	*92*		*25 - 150*
M2-8:2 FTS	*109*		*25 - 150*
13C3 HFPO-DA	*96*		*25 - 150*
13C2 10:2 FTS	*110*		*25 - 150*

QC Association Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

LCMS

Prep Batch: 523522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-78629-1	Entry Point Line 1	Total/NA	Water	3535	
320-78629-2	EP Field Blank	Total/NA	Water	3535	
320-78629-3	Well 9	Total/NA	Water	3535	
320-78629-4	Well 14	Total/NA	Water	3535	
MB 320-523522/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-523522/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-523522/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 523659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-78629-1	Entry Point Line 1	Total/NA	Water	537 (modified)	523522
320-78629-2	EP Field Blank	Total/NA	Water	537 (modified)	523522
320-78629-3	Well 9	Total/NA	Water	537 (modified)	523522
320-78629-4	Well 14	Total/NA	Water	537 (modified)	523522
MB 320-523522/1-A	Method Blank	Total/NA	Water	537 (modified)	523522
LCS 320-523522/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	523522
LCSD 320-523522/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	523522

Lab Chronicle

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Client Sample ID: Entry Point Line 1

Lab Sample ID: 320-78629-1

Date Collected: 09/08/21 09:53

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			273.8 mL	10.0 mL	523522	09/09/21 12:12	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			523659	09/09/21 21:16	D1R	TAL SAC

Client Sample ID: EP Field Blank

Lab Sample ID: 320-78629-2

Date Collected: 09/08/21 09:54

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			279.4 mL	10.0 mL	523522	09/09/21 12:12	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			523659	09/09/21 21:25	D1R	TAL SAC

Client Sample ID: Well 9

Lab Sample ID: 320-78629-3

Date Collected: 09/08/21 10:11

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			255.5 mL	10.0 mL	523522	09/09/21 12:12	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			523659	09/09/21 21:35	D1R	TAL SAC

Client Sample ID: Well 14

Lab Sample ID: 320-78629-4

Date Collected: 09/08/21 10:15

Matrix: Water

Date Received: 09/09/21 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			279.1 mL	10.0 mL	523522	09/09/21 12:12	RAC	TAL SAC
Total/NA	Analysis	537 (modified)		1			523659	09/09/21 21:44	D1R	TAL SAC

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Laboratory: Eurofins TestAmerica, Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-22

Method Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: City of Eau Claire
Project/Site: PFAS Testing

Job ID: 320-78629-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-78629-1	Entry Point Line 1	Water	09/08/21 09:53	09/09/21 10:00
320-78629-2	EP Field Blank	Water	09/08/21 09:54	09/09/21 10:00
320-78629-3	Well 9	Water	09/08/21 10:11	09/09/21 10:00
320-78629-4	Well 14	Water	09/08/21 10:15	09/09/21 10:00

Eurofins TestAmerica, Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Phone: 916-373-5600 Fax: 916-372-1059

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: David Jadack	Lab PM: Fredrick, Sandie	Carrier Tracking No(s):	COC No: 320-42610-10138.1
Client Contact: Ty Fadness	Phone: 715-839-6121	E-Mail: sandra.fredrick@eurofinset.com	State of Origin:	Page: Page 1 of 1
Company: City of Eau Claire	PWSID:	Analysis Requested		Job #:
Address: 203 S Farwell	Due Date Requested: 9/10/21			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Eau Claire	TAT Requested (days): 1 - Day			Other:
State, Zip: WI, 54701	Compliance Project: Δ Yes Δ No			
Phone: 715-839-6121	PO #: 50210879-00			
Email: Tyler.Fadness@EauclaireWi.Gov	WO #:			
Project Name: PFAS Testing	Project #: 32012617			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - PFAS, Extended List (36 Analytes)	PFC_IDA_WI - PFAS, Standard List (36 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
Entry Point Line 1	9/8/21	0953	G	Water			X			
EP Field Blank	9/8/21	0954	G	Water			X			
Well 9	9/8/21	1011	G	Water			X			
Well 14	9/8/21	1015	G	Water			X			
				Water						
				Water						
				Water						
				Water						
				Water						
				Water						
				Water						

320-78629 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Ty Fadness	9/8/21 1230	City of EC		9/9/21 1000	ETDSac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☒ Yes Δ No	1601002	0.8

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: City of Eau Claire

Job Number: 320-78629-1

Login Number: 78629
List Number: 1
Creator: Oropeza, Salvador

List Source: Eurofins TestAmerica, Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1601002
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	