



ANALYTICAL REPORT

PREPARED FOR

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Union County Water
500 N Main St.
Monroe, North Carolina 28112

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JOB DESCRIPTION

PFAS - 533

JOB NUMBER

810-174837-1

Eurofins Eaton Analytical South Bend

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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: Union County Water
Project: PFAS - 533

Job ID: 810-174837-1

Job ID: 810-174837-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-174837-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/10/2025 9:45 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 time was 0.6°C.

PFAS

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: J18 - Rehobeth ARV (810-174837-1), Y02 - Yadkin Finished Water (810-174837-2) and Y02 - Yakin Raw Water (810-174837-3)

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

Detection Summary

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Client Sample ID: J18 - Rehobeth ARV

Lab Sample ID: 810-174837-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.6		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	6.9		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	6.2		2.0		ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.0		2.0		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.7		2.0		ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.0		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.4		2.0		ng/L	1		533	Total/NA

Client Sample ID: Y02 - Yadkin Finished Water

Lab Sample ID: 810-174837-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.5		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.6		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.7		2.0		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.3		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.6		2.0		ng/L	1		533	Total/NA

Client Sample ID: Y02 - Yakin Raw Water

Lab Sample ID: 810-174837-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.6		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.6		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.9		2.0		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.8		2.0		ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.0		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.9		2.0		ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Client Sample ID: J18 - Rehobeth ARV

Lab Sample ID: 810-174837-1

Date Collected: 12/09/25 09:22

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	3.6		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoropentanoic acid (PFPeA)	6.9		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorohexanoic acid (PFHxA)	6.2		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoroheptanoic acid (PFHpA)	2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorooctanoic acid (PFOA)	3.7		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorobutanesulfonic acid (PFBS)	2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluorooctanesulfonic acid (PFOS)	2.4		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:26	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	94		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C5 PFPeA	97		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C5 PFHxA	93		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C4 PFHpA	90		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C8 PFOA	90		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C9 PFNA	86		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C6 PFDA	79		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C7 PFUnA	77		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C2 PFDoA	80		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C3 HFPO-DA	91		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C3 PFBS	98		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C8 PFOS	94		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C2-4:2-FTS	103		50 - 200	12/11/25 10:22	12/12/25 03:26	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Client Sample ID: J18 - Rehobeth ARV

Lab Sample ID: 810-174837-1

Date Collected: 12/09/25 09:22

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-6:2-FTS	92		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C2-8:2-FTS	96		50 - 200	12/11/25 10:22	12/12/25 03:26	1
13C3 PFHxS	94		50 - 200	12/11/25 10:22	12/12/25 03:26	1

Client Sample ID: Y02 - Yadkin Finished Water

Lab Sample ID: 810-174837-2

Date Collected: 12/09/25 13:26

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.5		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoropentanoic acid (PFPeA)	3.6		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorohexanoic acid (PFHxA)	2.7		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorooctanoic acid (PFOA)	2.3		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluorooctanesulfonic acid (PFOS)	2.6		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 02:55	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C5 PFPeA	100		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C5 PFHxA	92		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C4 PFHpA	91		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C8 PFOA	92		50 - 200	12/11/25 10:22	12/12/25 02:55	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Client Sample ID: Y02 - Yadkin Finished Water

Lab Sample ID: 810-174837-2

Date Collected: 12/09/25 13:26

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	93		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C6 PFDA	87		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C7 PFUnA	81		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C2 PFDoA	84		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C3 HFPO-DA	91		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C3 PFBS	100		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C8 PFOS	95		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C2-4:2-FTS	103		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C2-6:2-FTS	95		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C2-8:2-FTS	96		50 - 200	12/11/25 10:22	12/12/25 02:55	1
13C3 PFHxS	97		50 - 200	12/11/25 10:22	12/12/25 02:55	1

Client Sample ID: Y02 - Yakin Raw Water

Lab Sample ID: 810-174837-3

Date Collected: 12/09/25 13:29

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	2.6		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoropentanoic acid (PFPeA)	3.6		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorohexanoic acid (PFHxA)	2.9		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorooctanoic acid (PFOA)	2.8		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorobutanesulfonic acid (PFBS)	2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluorooctanesulfonic acid (PFOS)	3.9		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1

Eurofins Eaton Analytical South Bend

Client Sample Results

Client: Union County Water
 Project/Site: PFAS - 533

Job ID: 810-174837-1

Client Sample ID: Y02 - Yakin Raw Water

Lab Sample ID: 810-174837-3

Date Collected: 12/09/25 13:29

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		12/11/25 10:22	12/12/25 03:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	97		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C5 PFPeA	99		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C5 PFHxA	95		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C4 PFHpA	93		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C8 PFOA	91		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C9 PFNA	91		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C6 PFDA	81		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C7 PFUnA	78		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C2 PFDoA	82		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C3 HFPO-DA	91		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C3 PFBS	103		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C8 PFOS	97		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C2-4:2-FTS	114		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C2-6:2-FTS	98		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C2-8:2-FTS	100		50 - 200				12/11/25 10:22	12/12/25 03:41	1
13C3 PFHxS	98		50 - 200				12/11/25 10:22	12/12/25 03:41	1

Isotope Dilution Summary

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (50-200)	PFPeA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)	C6PFDA (50-200)	13C7PUA (50-200)
810-174837-1	J18 - Rehobeth ARV	94	97	93	90	90	86	79	77
810-174837-2	Y02 - Yadkin Finished Water	97	100	92	91	92	93	87	81
810-174837-2 DU	Y02 - Yadkin Finished Water	97	100	92	90	89	86	79	79
810-174837-3	Y02 - Yakin Raw Water	97	99	95	93	91	91	81	78
LLCS 810-172795/2-A	Lab Control Sample	96	98	91	92	95	95	93	89
MBL 810-172795/1-A	Method Blank	97	98	94	96	97	97	94	92

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFD _o A (50-200)	HFPODA (50-200)	C3PFBS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)	C3PFHS (50-200)
810-174837-1	J18 - Rehobeth ARV	80	91	98	94	103	92	96	94
810-174837-2	Y02 - Yadkin Finished Water	84	91	100	95	103	95	96	97
810-174837-2 DU	Y02 - Yadkin Finished Water	83	91	99	95	100	93	97	95
810-174837-3	Y02 - Yakin Raw Water	82	91	103	97	114	98	100	98
LLCS 810-172795/2-A	Lab Control Sample	91	92	94	94	84	87	91	95
MBL 810-172795/1-A	Method Blank	92	94	94	95	83	86	91	94

Surrogate Legend

- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- 13C5PHA = 13C5 PFHxA
- C4PFHA = 13C4 PFHpA
- C8PFOA = 13C8 PFOA
- C9PFNA = 13C9 PFNA
- C6PFDA = 13C6 PFDA
- 13C7PUA = 13C7 PFUnA
- PFD_oA = 13C2 PFD_oA
- HFPODA = 13C3 HFPO-DA
- C3PFBS = 13C3 PFBS
- C8PFOS = 13C8 PFOS
- 42FTS = 13C2-4:2-FTS
- 62FTS = 13C2-6:2-FTS
- 82FTS = 13C2-8:2-FTS
- C3PFHS = 13C3 PFHxS

QC Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Lab Sample ID: MBL 810-172795/1-A
Matrix: Drinking Water
Analysis Batch: 172903

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172795

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.52		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorononanoic acid (PFNA)	<0.73		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.97		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.82		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0		ng/L		12/11/25 10:22	12/12/25 01:53	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	97		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C5 PFPeA	98		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C5 PFHxA	94		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C4 PFHpA	96		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C8 PFOA	97		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C9 PFNA	97		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C6 PFDA	94		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C7 PFUnA	92		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C2 PFDoA	92		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C3 HFPO-DA	94		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C3 PFBS	94		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C8 PFOS	95		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C2-4:2-FTS	83		50 - 200	12/11/25 10:22	12/12/25 01:53	1

Eurofins Eaton Analytical South Bend

QC Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: MBL 810-172795/1-A
Matrix: Drinking Water
Analysis Batch: 172903

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172795

Isotope Dilution	MBL MBL		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2-6:2-FTS	86		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C2-8:2-FTS	91		50 - 200	12/11/25 10:22	12/12/25 01:53	1
13C3 PFHxS	94		50 - 200	12/11/25 10:22	12/12/25 01:53	1

Lab Sample ID: LLCS 810-172795/2-A
Matrix: Drinking Water
Analysis Batch: 172903

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172795

Analyte	Spike Added	LLCS LLCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorobutanoic acid (PFBA)	2.00	1.95	J	ng/L		97	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.07		ng/L		104	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.96	J	ng/L		98	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.99	J	ng/L		100	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.91	J	ng/L		96	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.95	J	ng/L		97	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.17		ng/L		108	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.13		ng/L		106	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.70	J	ng/L		96	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.56	J	ng/L		83	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.74	J	ng/L		96	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.79	J	ng/L		94	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.79	J	ng/L		96	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	1.78	1.82	J	ng/L		102	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.90	J	ng/L		101	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.96	J	ng/L		103	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.84	J	ng/L		96	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.96	J	ng/L		98	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.82	J	ng/L		96	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.86	J	ng/L		99	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.79	J	ng/L		95	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.96	J	ng/L		98	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.89	J	ng/L		95	50 - 150
Perfluoro-3,6-dioxaheptanoic acid	2.00	2.04		ng/L		102	50 - 150

QC Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	LLCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	96		50 - 200
13C5 PFPeA	98		50 - 200
13C5 PFHxA	91		50 - 200
13C4 PFHpA	92		50 - 200
13C8 PFOA	95		50 - 200
13C9 PFNA	95		50 - 200
13C6 PFDA	93		50 - 200
13C7 PFUnA	89		50 - 200
13C2 PFDoA	91		50 - 200
13C3 HFPO-DA	92		50 - 200
13C3 PFBS	94		50 - 200
13C8 PFOS	94		50 - 200
13C2-4:2-FTS	84		50 - 200
13C2-6:2-FTS	87		50 - 200
13C2-8:2-FTS	91		50 - 200
13C3 PFHxS	95		50 - 200

Lab Sample ID: 810-174837-2 DU

Matrix: Drinking Water

Analysis Batch: 172903

Client Sample ID: Y02 - Yadkin Finished Water

Prep Type: Total/NA

Prep Batch: 172795

Analyte	Sample Result	Sample Qualifier	DU		Unit	D	RPD	RPD Limit
			Result	Qualifier				
Perfluorobutanoic acid (PFBA)	2.5		2.53		ng/L		1	30
Perfluoropentanoic acid (PFPeA)	3.6		3.58		ng/L		2	30
Perfluorohexanoic acid (PFHxA)	2.7		2.67		ng/L		2	30
Perfluoroheptanoic acid (PFHpA)	<2.0		<2.0		ng/L		NC	30
Perfluorooctanoic acid (PFOA)	2.3		2.30		ng/L		0.6	30
Perfluorononanoic acid (PFNA)	<2.0		<2.0		ng/L		NC	30
Perfluorodecanoic acid (PFDA)	<2.0		<2.0		ng/L		NC	30
Perfluoroundecanoic acid (PFUnA)	<2.0		<2.0		ng/L		NC	30
Perfluorododecanoic acid (PFDoA)	<2.0		<2.0		ng/L		NC	30
Perfluorobutanesulfonic acid (PFBS)	<2.0		<2.0		ng/L		NC	30
Perfluoropentanesulfonic acid (PFPeS)	<2.0		<2.0		ng/L		NC	30
Perfluorohexanesulfonic acid (PFHxS)	<2.0		<2.0		ng/L		NC	30
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		<2.0		ng/L		NC	30
Perfluorooctanesulfonic acid (PFOS)	2.6		2.61		ng/L		2	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<2.0		<2.0		ng/L		NC	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		<2.0		ng/L		NC	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		<2.0		ng/L		NC	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		<2.0		ng/L		NC	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		<2.0		ng/L		NC	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		<2.0		ng/L		NC	30

Eurofins Eaton Analytical South Bend

QC Sample Results

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Lab Sample ID: 810-174837-2 DU

Matrix: Drinking Water

Analysis Batch: 172903

Client Sample ID: Y02 - Yadkin Finished Water

Prep Type: Total/NA

Prep Batch: 172795

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<2.0		<2.0		ng/L		NC	30
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid	<2.0		<2.0		ng/L		NC	30
Perfluoro(4-methoxybutanoic acid)	<2.0		<2.0		ng/L		NC	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		<2.0		ng/L		NC	30
Perfluoro-3,6-dioxaheptanoic acid	<2.0		<2.0		ng/L		NC	30

Isotope Dilution	DU	DU	Limits
	%Recovery	Qualifier	
13C4 PFBA	97		50 - 200
13C5 PFPeA	100		50 - 200
13C5 PFHxA	92		50 - 200
13C4 PFHpA	90		50 - 200
13C8 PFOA	89		50 - 200
13C9 PFNA	86		50 - 200
13C6 PFDA	79		50 - 200
13C7 PFUnA	79		50 - 200
13C2 PFDoA	83		50 - 200
13C3 HFPO-DA	91		50 - 200
13C3 PFBS	99		50 - 200
13C8 PFOS	95		50 - 200
13C2-4:2-FTS	100		50 - 200
13C2-6:2-FTS	93		50 - 200
13C2-8:2-FTS	97		50 - 200
13C3 PFHxS	95		50 - 200

QC Association Summary

Client: Union County Water
 Project/Site: PFAS - 533

Job ID: 810-174837-1

LCMS

Prep Batch: 172795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-174837-1	J18 - Rehobeth ARV	Total/NA	Drinking Water	533	
810-174837-2	Y02 - Yadkin Finished Water	Total/NA	Drinking Water	533	
810-174837-3	Y02 - Yakin Raw Water	Total/NA	Drinking Water	533	
MBL 810-172795/1-A	Method Blank	Total/NA	Drinking Water	533	
LLCS 810-172795/2-A	Lab Control Sample	Total/NA	Drinking Water	533	
810-174837-2 DU	Y02 - Yadkin Finished Water	Total/NA	Drinking Water	533	

Analysis Batch: 172903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-174837-1	J18 - Rehobeth ARV	Total/NA	Drinking Water	533	172795
810-174837-2	Y02 - Yadkin Finished Water	Total/NA	Drinking Water	533	172795
810-174837-3	Y02 - Yakin Raw Water	Total/NA	Drinking Water	533	172795
MBL 810-172795/1-A	Method Blank	Total/NA	Drinking Water	533	172795
LLCS 810-172795/2-A	Lab Control Sample	Total/NA	Drinking Water	533	172795
810-174837-2 DU	Y02 - Yadkin Finished Water	Total/NA	Drinking Water	533	172795



Lab Chronicle

Client: Union County Water
 Project/Site: PFAS - 533

Job ID: 810-174837-1

Client Sample ID: J18 - Rehobeth ARV

Lab Sample ID: 810-174837-1

Date Collected: 12/09/25 09:22

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			172795	BAB	EA SB	12/11/25 10:22
Total/NA	Analysis	533		1	172903	MH	EA SB	12/12/25 03:26

Client Sample ID: Y02 - Yadkin Finished Water

Lab Sample ID: 810-174837-2

Date Collected: 12/09/25 13:26

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			172795	BAB	EA SB	12/11/25 10:22
Total/NA	Analysis	533		1	172903	MH	EA SB	12/12/25 02:55

Client Sample ID: Y02 - Yakin Raw Water

Lab Sample ID: 810-174837-3

Date Collected: 12/09/25 13:29

Matrix: Drinking Water

Date Received: 12/10/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			172795	BAB	EA SB	12/11/25 10:22
Total/NA	Analysis	533		1	172903	MH	EA SB	12/12/25 03:41

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Accreditation/Certification Summary

Client: Union County Water
 Project/Site: PFAS - 533

Job ID: 810-174837-1

Laboratory: Eurofins Eaton Analytical South Bend

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (DW)	State	18700	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
533	533	Drinking Water	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
533	533	Drinking Water	1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)
533	533	Drinking Water	1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)
533	533	Drinking Water	1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)
533	533	Drinking Water	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
533	533	Drinking Water	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
533	533	Drinking Water	Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)
533	533	Drinking Water	Perfluoro(4-methoxybutanoic acid)
533	533	Drinking Water	Perfluoro-3,6-dioxaheptanoic acid
533	533	Drinking Water	Perfluoro-3-methoxypropanoic acid (PFMPA)
533	533	Drinking Water	Perfluorobutanoic acid (PFBA)
533	533	Drinking Water	Perfluorodecanoic acid (PFDA)
533	533	Drinking Water	Perfluorododecanoic acid (PFDoA)
533	533	Drinking Water	Perfluoroheptanesulfonic acid (PFHpS)
533	533	Drinking Water	Perfluoroheptanoic acid (PFHpA)
533	533	Drinking Water	Perfluorohexanoic acid (PFHxA)
533	533	Drinking Water	Perfluoropentanesulfonic acid (PFPeS)
533	533	Drinking Water	Perfluoropentanoic acid (PFPeA)
533	533	Drinking Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA SB
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



Sample Summary

Client: Union County Water
Project/Site: PFAS - 533

Job ID: 810-174837-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
810-174837-1	J18 - Rehobeth ARV	Drinking Water	12/09/25 09:22	12/10/25 09:45	North Carolina
810-174837-2	Y02 - Yadkin Finished Water	Drinking Water	12/09/25 13:26	12/10/25 09:45	North Carolina
810-174837-3	Y02 - Yakin Raw Water	Drinking Water	12/09/25 13:29	12/10/25 09:45	North Carolina

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Login Sample Receipt Checklist

Client: Union County Water

Job Number: 810-174837-1

Login Number: 174837

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Trowbridge, Peyton

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	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	
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	
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	
Samples do not require splitting or compositing.	True	
Were samples preserved to correct pH upon receipt, if applicable?	True	
Sample Preservative Verified	True	
Container provided by EEA	True	

