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ANALYTICAL REPORT

PREPARED FOR

Attn: Justin Huntley
Union County Water
500 N Main St.
Monroe, North Carolina 28112

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JOB DESCRIPTION

PFAS - 533

JOB NUMBER

810-155596-1

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: 810-155596-1

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: 810-155596-1

Job ID: 810-155596-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-155596-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/15/2025 9:15 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 0.2°C.

PFAS

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: J18-Rehobeth ARV (810-155596-1), Y01-Yadkin Finished Water (810-155596-2) and Y02-Yadkin Raw Water (810-155596-3)

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: 810-155596-1

Client Sample ID: J18-Rehobeth ARV

Lab Sample ID: 810-155596-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.5		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	6.4		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	5.9		2.0		ng/L	1		533	Total/NA
Perfluoroheptanoic acid (PFHpA)	2.1		2.0		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		2.0		ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.1		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.9		2.0		ng/L	1		533	Total/NA

Client Sample ID: Y01-Yadkin Finished Water

Lab Sample ID: 810-155596-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.4		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.7		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.3		2.0		ng/L	1		533	Total/NA

Client Sample ID: Y02-Yadkin Raw Water

Lab Sample ID: 810-155596-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	2.6		1.9		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	2.9		1.9		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.5		1.9		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.8		1.9		ng/L	1		533	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.0		1.9		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.7		1.9		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: 810-155596-1

Client Sample ID: J18-Rehobeth ARV

Lab Sample ID: 810-155596-1

Date Collected: 07/14/25 08:39

Matrix: Drinking Water

Date Received: 07/15/25 09:15

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)	3.5		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoropentanoic acid (PFPeA)	6.4		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorohexanoic acid (PFHxA)	5.9		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoroheptanoic acid (PFHpA)	2.1		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorooctanoic acid (PFOA)	3.8		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorobutanesulfonic acid (PFBS)	2.1		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluorooctanesulfonic acid (PFOS)	2.9		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:31	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C5 PFPeA	94		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C5 PFHxA	92		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C4 PFHpA	90		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C8 PFOA	87		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C9 PFNA	92		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C6 PFDA	92		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C7 PFUnA	84		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C2 PFDoA	85		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C3 HFPO-DA	88		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C3 PFBS	93		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C8 PFOS	98		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C2-4:2-FTS	92		50 - 200	07/18/25 07:40	07/18/25 22:31	1

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-155596-1

Client Sample ID: J18-Rehobeth ARV

Lab Sample ID: 810-155596-1

Date Collected: 07/14/25 08:39

Matrix: Drinking Water

Date Received: 07/15/25 09:15

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	94		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C2-8:2-FTS	98		50 - 200	07/18/25 07:40	07/18/25 22:31	1
13C3 PFHxS	91		50 - 200	07/18/25 07:40	07/18/25 22:31	1

Client Sample ID: Y01-Yadkin Finished Water

Lab Sample ID: 810-155596-2

Date Collected: 07/14/25 09:44

Matrix: Drinking Water

Date Received: 07/15/25 09:15

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)	2.4		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoropentanoic acid (PFPeA)	2.7		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorohexanoic acid (PFHxA)	2.3		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluorooctanesulfonic acid (PFOS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		07/18/25 07:40	07/18/25 22:47	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	94		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C5 PFPeA	95		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C5 PFHxA	97		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C4 PFHpA	96		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C8 PFOA	93		50 - 200	07/18/25 07:40	07/18/25 22:47	1

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-155596-1

Client Sample ID: Y01-Yadkin Finished Water

Lab Sample ID: 810-155596-2

Date Collected: 07/14/25 09:44

Matrix: Drinking Water

Date Received: 07/15/25 09:15

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	104		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C6 PFDA	93		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C7 PFUnA	90		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C2 PFDoA	90		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C3 HFPO-DA	93		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C3 PFBS	94		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C8 PFOS	94		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C2-4:2-FTS	87		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C2-6:2-FTS	94		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C2-8:2-FTS	97		50 - 200	07/18/25 07:40	07/18/25 22:47	1
13C3 PFHxS	93		50 - 200	07/18/25 07:40	07/18/25 22:47	1

Client Sample ID: Y02-Yadkin Raw Water

Lab Sample ID: 810-155596-3

Date Collected: 07/14/25 09:47

Matrix: Drinking Water

Date Received: 07/15/25 09:15

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		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoropentanoic acid (PFPeA)	2.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorohexanoic acid (PFHxA)	2.5		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoroheptanoic acid (PFHpA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorooctanoic acid (PFOA)	2.8		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorononanoic acid (PFNA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorodecanoic acid (PFDA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoroundecanoic acid (PFUnA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorododecanoic acid (PFDoA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorobutanesulfonic acid (PFBS)	2.0		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoropentanesulfonic acid (PFPeS)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorohexanesulfonic acid (PFHxS)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluorooctanesulfonic acid (PFOS)	4.7		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoro(4-methoxybutanoic acid)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-155596-1

Client Sample ID: Y02-Yadkin Raw Water

Lab Sample ID: 810-155596-3

Date Collected: 07/14/25 09:47

Matrix: Drinking Water

Date Received: 07/15/25 09:15

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)	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Perfluoro-3,6-dioxaheptanoic acid	<1.9		1.9		ng/L		07/18/25 07:40	07/18/25 23:03	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	98		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C5 PFPeA	94		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C5 PFHxA	93		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C4 PFHpA	93		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C8 PFOA	92		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C9 PFNA	99		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C6 PFDA	86		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C7 PFUnA	88		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C2 PFDoA	88		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C3 HFPO-DA	92		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C3 PFBS	91		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C8 PFOS	90		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C2-4:2-FTS	99		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C2-6:2-FTS	88		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C2-8:2-FTS	101		50 - 200				07/18/25 07:40	07/18/25 23:03	1
13C3 PFHxS	90		50 - 200				07/18/25 07:40	07/18/25 23:03	1

Isotope Dilution Summary

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

Job ID: 810-155596-1

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)
810-155596-1	J18-Rehobeth ARV	96	94	92	90	87	92	92	84
810-155596-2	Y01-Yadkin Finished Water	94	95	97	96	93	104	93	90
810-155596-3	Y02-Yadkin Raw Water	98	94	93	93	92	99	86	88
LLCS 810-152078/2-A	Lab Control Sample	98	102	100	93	95	105	95	99
MBL 810-152078/1-A	Method Blank	95	95	93	95	92	95	82	77

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFDoA (50-200)	HFPODA (50-200)	C3PFBS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)	C3PFHS (50-200)
810-155596-1	J18-Rehobeth ARV	85	88	93	98	92	94	98	91
810-155596-2	Y01-Yadkin Finished Water	90	93	94	94	87	94	97	93
810-155596-3	Y02-Yadkin Raw Water	88	92	91	90	99	88	101	90
LLCS 810-152078/2-A	Lab Control Sample	95	94	96	96	91	89	96	96
MBL 810-152078/1-A	Method Blank	81	88	95	92	83	95	94	92

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
- PFDoA = 13C2 PFDoA
- 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: 810-155596-1

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

Lab Sample ID: MBL 810-152078/1-A
Matrix: Drinking Water
Analysis Batch: 152195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152078

Analyte	MBL	MBL	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorobutanoic acid (PFBA)	<0.52		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorononanoic acid (PFNA)	<0.73		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.97		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.82		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0		ng/L		07/18/25 07:40	07/18/25 19:56	1

Isotope Dilution	MBL	MBL	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C4 PFBA	95		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C5 PFPeA	95		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C5 PFHxA	93		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C4 PFHpA	95		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C8 PFOA	92		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C9 PFNA	95		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C6 PFDA	82		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C7 PFUnA	77		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C2 PFDoA	81		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C3 HFPO-DA	88		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C3 PFBS	95		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C8 PFOS	92		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C2-4:2-FTS	83		50 - 200	07/18/25 07:40	07/18/25 19:56	1

Eurofins Eaton Analytical South Bend

QC Sample Results

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

Job ID: 810-155596-1

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

Lab Sample ID: MBL 810-152078/1-A
Matrix: Drinking Water
Analysis Batch: 152195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 152078

Isotope Dilution	MBL MBL		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2-6:2-FTS	95		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C2-8:2-FTS	94		50 - 200	07/18/25 07:40	07/18/25 19:56	1
13C3 PFHxS	92		50 - 200	07/18/25 07:40	07/18/25 19:56	1

Lab Sample ID: LLCS 810-152078/2-A
Matrix: Drinking Water
Analysis Batch: 152195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 152078

Analyte	Spike Added	LLCS LLCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorobutanoic acid (PFBA)	2.00	1.85	J	ng/L		92	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	1.79	J	ng/L		89	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	1.81	J	ng/L		91	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	1.89	J	ng/L		94	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	1.74	J	ng/L		87	50 - 150
Perfluorononanoic acid (PFNA)	2.00	1.67	J	ng/L		83	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	1.75	J	ng/L		87	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	1.77	J	ng/L		88	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.60	J	ng/L		90	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.61	J	ng/L		85	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.60	J	ng/L		88	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.59	J	ng/L		83	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.67	J	ng/L		90	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	1.78	1.59	J	ng/L		89	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.69	J	ng/L		90	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	1.74	J	ng/L		91	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	1.76	J	ng/L		92	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	1.82	J	ng/L		91	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.84	J	ng/L		97	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.70	J	ng/L		91	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	1.89	1.73	J	ng/L		92	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	1.85	J	ng/L		92	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.75	J	ng/L		87	50 - 150
Perfluoro-3,6-dioxaheptanoic acid	2.00	1.75	J	ng/L		88	50 - 150

QC Sample Results

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

Job ID: 810-155596-1

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

<i>Isotope Dilution</i>	<i>LLCS LLCS</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C4 PFBA	98		50 - 200
13C5 PFPeA	102		50 - 200
13C5 PFHxA	100		50 - 200
13C4 PFHpA	93		50 - 200
13C8 PFOA	95		50 - 200
13C9 PFNA	105		50 - 200
13C6 PFDA	95		50 - 200
13C7 PFUnA	99		50 - 200
13C2 PFDoA	95		50 - 200
13C3 HFPO-DA	94		50 - 200
13C3 PFBS	96		50 - 200
13C8 PFOS	96		50 - 200
13C2-4:2-FTS	91		50 - 200
13C2-6:2-FTS	89		50 - 200
13C2-8:2-FTS	96		50 - 200
13C3 PFHxS	96		50 - 200

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QC Association Summary

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

Job ID: 810-155596-1

LCMS

Prep Batch: 152078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-155596-1	J18-Rehobeth ARV	Total/NA	Drinking Water	533	
810-155596-2	Y01-Yadkin Finished Water	Total/NA	Drinking Water	533	
810-155596-3	Y02-Yadkin Raw Water	Total/NA	Drinking Water	533	
MBL 810-152078/1-A	Method Blank	Total/NA	Drinking Water	533	
LLCS 810-152078/2-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 152195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-155596-1	J18-Rehobeth ARV	Total/NA	Drinking Water	533	152078
810-155596-2	Y01-Yadkin Finished Water	Total/NA	Drinking Water	533	152078
810-155596-3	Y02-Yadkin Raw Water	Total/NA	Drinking Water	533	152078
MBL 810-152078/1-A	Method Blank	Total/NA	Drinking Water	533	152078
LLCS 810-152078/2-A	Lab Control Sample	Total/NA	Drinking Water	533	152078

Lab Chronicle

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

Job ID: 810-155596-1

Client Sample ID: J18-Rehobeth ARV

Lab Sample ID: 810-155596-1

Date Collected: 07/14/25 08:39

Matrix: Drinking Water

Date Received: 07/15/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			152078	ET	EA SB	07/18/25 07:40
Total/NA	Analysis	533		1	152195	MH	EA SB	07/18/25 22:31

Client Sample ID: Y01-Yadkin Finished Water

Lab Sample ID: 810-155596-2

Date Collected: 07/14/25 09:44

Matrix: Drinking Water

Date Received: 07/15/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			152078	ET	EA SB	07/18/25 07:40
Total/NA	Analysis	533		1	152195	MH	EA SB	07/18/25 22:47

Client Sample ID: Y02-Yadkin Raw Water

Lab Sample ID: 810-155596-3

Date Collected: 07/14/25 09:47

Matrix: Drinking Water

Date Received: 07/15/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			152078	ET	EA SB	07/18/25 07:40
Total/NA	Analysis	533		1	152195	MH	EA SB	07/18/25 23:03

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: 810-155596-1

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	07-31-25

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	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)
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	Perfluorobutanesulfonic acid (PFBS)
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	Perfluorohexanesulfonic acid (PFHxS)
533	533	Drinking Water	Perfluorohexanoic acid (PFHxA)
533	533	Drinking Water	Perfluorononanoic acid (PFNA)
533	533	Drinking Water	Perfluorooctanesulfonic acid (PFOS)
533	533	Drinking Water	Perfluorooctanoic acid (PFOA)
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: 810-155596-1

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: 810-155596-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-155596-1	J18-Rehobeth ARV	Drinking Water	07/14/25 08:39	07/15/25 09:15
810-155596-2	Y01-Yadkin Finished Water	Drinking Water	07/14/25 09:44	07/15/25 09:15
810-155596-3	Y02-Yadkin Raw Water	Drinking Water	07/14/25 09:47	07/15/25 09:15

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Chain of Custody Record



810-155596 Chain of Custody

Client Contact: Justin Huntley
 Company: Union County Water
 Address: 500 N Main St.
 City: Monroe
 State, Zip: NC, 28112
 Phone: 704-280-3307/791
 Email: Justin.Huntley@UnionCountyNC.gov
 Project Name: PFAS - 533
 Site:
 Project #: 81004979
 SOW#:
 Lab P.I.: Mattie's, Joe
 E-Mail: Joe.Mattie's@et.eurofinsus.com
 State of Origin:
 COC No: 810-52867-6174.1
 Page: Page 1 of 1
 Job #:
 Preservation Codes: 1-NH4 Acetate

Sampler: Deryl Ennis
 Phone: 704-506-9683
 PWSID:
 Due Date Requested:
 TAT Requested (days):
 Compliance Project: Yes No
 PO #:
 Purchase Order not required
 WO #:
 Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Synthetic, Over-salt, BT-Tissue, AAH, DW-Dinking, water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	533 - (N/D) Local Method	Total Number of containers	Special Instructions/Note:
518 - Rehabeth ARV	7-14-25	0839	G	Drinking Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Y01 - Yackin Finished water	7-14-25	0944	G	Drinking Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Y02 - Yackin Raw water	7-14-25	0947	G	Drinking Water	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

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

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *Steward Ennis* Date/Time: 7-14-25 1020 Company: JCW
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

Special Instructions/IOC Requirements: _____

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

Method of Shipment: _____ Date/Time: 07/15/2025 0915 Company: JCW
 Received by: *Heather Moffitt* Date/Time: _____ Company: _____

Cooler Temperature(s) °C and Other Remarks: _____

Initial Temp: 06
 Corrected Temp: 0.3
 IR Gun # 216

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Login Sample Receipt Checklist

Client: Union County Water

Job Number: 810-155596-1

Login Number: 155596

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Moffitt, Heather

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	
Container provided by EEA	True	