

 **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

810-180030-1

Eurofins 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 Drinking Water and Wastewater Central, LLC Project Manager.

Authorization



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Authorized for release by
Joe Mattheis, Project Manager I
Joe.Mattheis@et.eurofinsus.com
(574)233-4777



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Definitions/Glossary

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

Job ID: 810-180030-1

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: 810-180030-1

Job ID: 810-180030-1

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Job Narrative 810-180030-1

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 2/5/2026 9:30 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 2.6°C.

Receipt Exceptions

A Chain-of-Custody (COC) was not received with these samples. The collection information was taken from the bottles.: Y01 (810-180030-1), Y02 (810-180030-2) and J18 (810-180030-3).

PFAS

Method 533: The pH of the following samples were adjusted to pH 7.5 in the laboratory: Y01 (810-180030-1), Y02 (810-180030-2) and J18 (810-180030-3)

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

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Detection Summary

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

Job ID: 810-180030-1

Client Sample ID: Y01

Lab Sample ID: 810-180030-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	3.5		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.9		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.3		2.0		ng/L	1		533	Total/NA

Client Sample ID: Y02

Lab Sample ID: 810-180030-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.9		1.9		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.4		1.9		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	2.9		1.9		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	2.1		1.9		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.7		1.9		ng/L	1		533	Total/NA

Client Sample ID: J18

Lab Sample ID: 810-180030-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	3.2		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	5.7		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	5.4		2.0		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.3		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.1		2.0		ng/L	1		533	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins South Bend

Client Sample Results

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

Job ID: 810-180030-1

Client Sample ID: Y01

Lab Sample ID: 810-180030-1

Date Collected: 02/04/26 11:06

Matrix: Drinking Water

Date Received: 02/05/26 09:30

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)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoropentanoic acid (PFPeA)	3.5		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorohexanoic acid (PFHxA)	2.9		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluorooctanesulfonic acid (PFOS)	2.3		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 03:18	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	99		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C5 PFPeA	102		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C5 PFHxA	90		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C4 PFHpA	93		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C8 PFOA	98		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C9 PFNA	97		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C6 PFDA	95		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C7 PFUnA	93		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C2 PFDoA	92		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C3 HFPO-DA	89		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C3 PFBS	105		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C8 PFOS	98		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C2-4:2-FTS	109		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C2-6:2-FTS	106		50 - 200	02/06/26 08:43	02/07/26 03:18	1

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Client Sample Results

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

Job ID: 810-180030-1

Client Sample ID: Y01

Lab Sample ID: 810-180030-1

Date Collected: 02/04/26 11:06

Matrix: Drinking Water

Date Received: 02/05/26 09:30

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-8:2-FTS	101		50 - 200	02/06/26 08:43	02/07/26 03:18	1
13C3 PFHxS	97		50 - 200	02/06/26 08:43	02/07/26 03:18	1

Client Sample ID: Y02

Lab Sample ID: 810-180030-2

Date Collected: 02/04/26 11:10

Matrix: Drinking Water

Date Received: 02/05/26 09:30

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)	1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoropentanoic acid (PFPeA)	3.4		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorohexanoic acid (PFHxA)	2.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoroheptanoic acid (PFHpA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorooctanoic acid (PFOA)	2.1		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorononanoic acid (PFNA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorodecanoic acid (PFDA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoroundecanoic acid (PFUnA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorododecanoic acid (PFDoA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorobutanesulfonic acid (PFBS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoropentanesulfonic acid (PFPeS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorohexanesulfonic acid (PFHxS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoroheptanesulfonic acid (PFHpS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluorooctanesulfonic acid (PFOS)	2.7		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoro(4-methoxybutanoic acid)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1
Perfluoro-3,6-dioxaheptanoic acid	<1.9		1.9		ng/L		02/06/26 08:43	02/07/26 04:20	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	96		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C5 PFPeA	98		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C5 PFHxA	88		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C4 PFHpA	91		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C8 PFOA	93		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C9 PFNA	93		50 - 200	02/06/26 08:43	02/07/26 04:20	1

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Client Sample Results

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

Job ID: 810-180030-1

Client Sample ID: Y02

Lab Sample ID: 810-180030-2

Date Collected: 02/04/26 11:10

Matrix: Drinking Water

Date Received: 02/05/26 09:30

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C6 PFDA	91		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C7 PFOA	91		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C2 PFDoA	90		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C3 HFPO-DA	87		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C3 PFBS	102		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C8 PFOS	97		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C2-4:2-FTS	113		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C2-6:2-FTS	102		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C2-8:2-FTS	98		50 - 200	02/06/26 08:43	02/07/26 04:20	1
13C3 PFHxS	94		50 - 200	02/06/26 08:43	02/07/26 04:20	1

Client Sample ID: J18

Lab Sample ID: 810-180030-3

Date Collected: 02/04/26 09:40

Matrix: Drinking Water

Date Received: 02/05/26 09:30

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)	3.2		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoropentanoic acid (PFPeA)	5.7		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorohexanoic acid (PFHxA)	5.4		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorooctanoic acid (PFOA)	3.3		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorononanoic acid (PFNA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluorooctanesulfonic acid (PFOS)	2.1		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoro(4-methoxybutanoic acid)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1

Eurofins South Bend

Client Sample Results

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

Job ID: 810-180030-1

Client Sample ID: J18

Lab Sample ID: 810-180030-3

Date Collected: 02/04/26 09:40

Matrix: Drinking Water

Date Received: 02/05/26 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3,6-dioxaheptanoic acid	<2.0		2.0		ng/L		02/06/26 08:43	02/07/26 04:50	1
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C4 PFBA	97		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C5 PFPeA	102		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C5 PFHxA	90		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C4 PFHpA	92		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C8 PFOA	95		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C9 PFNA	98		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C6 PFDA	96		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C7 PFUnA	94		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C2 PFDoA	95		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C3 HFPO-DA	88		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C3 PFBS	101		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C8 PFOS	97		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C2-4:2-FTS	109		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C2-6:2-FTS	103		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C2-8:2-FTS	99		50 - 200				02/06/26 08:43	02/07/26 04:50	1
13C3 PFHxS	93		50 - 200				02/06/26 08:43	02/07/26 04:50	1

Isotope Dilution Summary

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

Job ID: 810-180030-1

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)
810-180030-1	Y01	99	102	90	93	98	97	95	93
810-180030-2	Y02	96	98	88	91	93	93	91	91
810-180030-3	J18	97	102	90	92	95	98	96	94
LCS 810-179329/3-A	Lab Control Sample	98	95	104	97	96	95	94	96
LLCS 810-179329/2-A	Lab Control Sample	96	96	90	91	96	100	96	97
MBL 810-179329/1-A	Method Blank	100	100	94	97	101	103	100	99

		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)
810-180030-1	Y01	92	89	105	98	109	106	101	97
810-180030-2	Y02	90	87	102	97	113	102	98	94
810-180030-3	J18	95	88	101	97	109	103	99	93
LCS 810-179329/3-A	Lab Control Sample	93	102	100	97	109	105	103	102
LLCS 810-179329/2-A	Lab Control Sample	98	91	91	97	82	89	91	92
MBL 810-179329/1-A	Method Blank	99	95	95	99	86	94	93	95

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: 810-180030-1

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

Lab Sample ID: MBL 810-179329/1-A
Matrix: Drinking Water
Analysis Batch: 179458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179329

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	<0.52		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoropentanoic acid (PFPeA)	<0.77		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorohexanoic acid (PFHxA)	<0.73		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoroheptanoic acid (PFHpA)	<0.72		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorooctanoic acid (PFOA)	<0.74		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorononanoic acid (PFNA)	<0.73		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorodecanoic acid (PFDA)	<0.66		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoroundecanoic acid (PFUnA)	<0.70		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorododecanoic acid (PFDoA)	<0.70		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorobutanesulfonic acid (PFBS)	<0.66		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoropentanesulfonic acid (PFPeS)	<0.69		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.66		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.60		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluorooctanesulfonic acid (PFOS)	<0.69		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.66		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.67		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.68		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.57		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.71		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.97		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.82		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoro(4-methoxybutanoic acid)	<0.65		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.81		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1
Perfluoro-3,6-dioxaheptanoic acid	<0.93		2.0		ng/L		02/06/26 08:43	02/07/26 02:31	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	100		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C5 PFPeA	100		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C5 PFHxA	94		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C4 PFHpA	97		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C8 PFOA	101		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C9 PFNA	103		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C6 PFDA	100		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C7 PFUnA	99		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C2 PFDoA	99		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C3 HFPO-DA	95		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C3 PFBS	95		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C8 PFOS	99		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C2-4:2-FTS	86		50 - 200	02/06/26 08:43	02/07/26 02:31	1

Eurofins South Bend

QC Sample Results

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

Job ID: 810-180030-1

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

Lab Sample ID: MBL 810-179329/1-A
Matrix: Drinking Water
Analysis Batch: 179458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179329

Isotope Dilution	MBL MBL		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
13C2-6:2-FTS	94		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C2-8:2-FTS	93		50 - 200	02/06/26 08:43	02/07/26 02:31	1
13C3 PFHxS	95		50 - 200	02/06/26 08:43	02/07/26 02:31	1

Lab Sample ID: LCS 810-179329/3-A
Matrix: Drinking Water
Analysis Batch: 179458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanoic acid (PFPeA)	400	407		ng/L		102	70 - 130
Perfluorohexanoic acid (PFHxA)	400	403		ng/L		101	70 - 130
Perfluoroheptanoic acid (PFHpA)	400	401		ng/L		100	70 - 130
Perfluorooctanoic acid (PFOA)	400	417		ng/L		104	70 - 130
Perfluorononanoic acid (PFNA)	400	407		ng/L		102	70 - 130
Perfluorodecanoic acid (PFDA)	400	399		ng/L		100	70 - 130
Perfluoroundecanoic acid (PFUnA)	400	397		ng/L		99	70 - 130
Perfluorododecanoic acid (PFDoA)	400	412		ng/L		103	70 - 130
Perfluorobutanesulfonic acid (PFBS)	355	360		ng/L		101	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	376	393		ng/L		104	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	365	368		ng/L		101	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	382	396		ng/L		104	70 - 130
Perfluorooctanesulfonic acid (PFOS)	371	379		ng/L		102	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	357	357		ng/L		100	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	375	387		ng/L		103	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	381	392		ng/L		103	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	384	382		ng/L		99	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	400	403		ng/L		101	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	378	396		ng/L		105	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	374	365		ng/L		98	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	378	378		ng/L		100	70 - 130
Perfluoro(4-methoxybutanoic acid)	400	411		ng/L		103	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	400	400		ng/L		100	70 - 130
Perfluoro-3,6-dioxaheptanoic acid	400	404		ng/L		101	70 - 130

Eurofins South Bend

QC Sample Results

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

Job ID: 810-180030-1

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

Isotope Dilution	LCS LCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	98		50 - 200
13C5 PFPeA	95		50 - 200
13C5 PFHxA	104		50 - 200
13C4 PFHpA	97		50 - 200
13C8 PFOA	96		50 - 200
13C9 PFNA	95		50 - 200
13C6 PFDA	94		50 - 200
13C7 PFUnA	96		50 - 200
13C2 PFDoA	93		50 - 200
13C3 HFPO-DA	102		50 - 200
13C3 PFBS	100		50 - 200
13C8 PFOS	97		50 - 200
13C2-4:2-FTS	109		50 - 200
13C2-6:2-FTS	105		50 - 200
13C2-8:2-FTS	103		50 - 200
13C3 PFHxS	102		50 - 200

Lab Sample ID: LLCS 810-179329/2-A

Matrix: Drinking Water

Analysis Batch: 179458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 179329

Analyte	Spike Added	LLCS	LLCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Perfluorobutanoic acid (PFBA)	2.00	2.01		ng/L		100	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.12		ng/L		106	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.04		ng/L		102	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.09		ng/L		104	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.00		ng/L		100	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.02		ng/L		101	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.13		ng/L		107	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.06		ng/L		103	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.10		ng/L		105	50 - 150
Perfluorobutanesulfonic acid (PFBS)	1.78	1.78	J	ng/L		100	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.59	J	ng/L		85	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	1.83	1.85	J	ng/L		101	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	1.91	1.76	J	ng/L		92	50 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.95	J	ng/L		105	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	1.78	1.77	J	ng/L		99	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	1.88	1.81	J	ng/L		97	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	1.90	2.14		ng/L		112	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	1.92	2.29		ng/L		119	50 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	2.00	2.03		ng/L		101	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	1.89	1.89	J	ng/L		100	50 - 150

Eurofins South Bend

QC Sample Results

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

Job ID: 810-180030-1

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

Lab Sample ID: LLCS 810-179329/2-A
Matrix: Drinking Water
Analysis Batch: 179458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179329

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	1.87	1.77	J	ng/L		95	50 - 150
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid	1.89	1.82	J	ng/L		96	50 - 150
Perfluoro(4-methoxybutanoic acid)	2.00	2.04		ng/L		102	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	1.94	J	ng/L		97	50 - 150
Perfluoro-3,6-dioxaheptanoic acid	2.00	2.23		ng/L		111	50 - 150

Isotope Dilution	LLCS LLCS		Limits
	%Recovery	Qualifier	
13C4 PFBA	96		50 - 200
13C5 PFPeA	96		50 - 200
13C5 PFHxA	90		50 - 200
13C4 PFHpA	91		50 - 200
13C8 PFOA	96		50 - 200
13C9 PFNA	100		50 - 200
13C6 PFDA	96		50 - 200
13C7 PFUnA	97		50 - 200
13C2 PFDoA	98		50 - 200
13C3 HFPO-DA	91		50 - 200
13C3 PFBS	91		50 - 200
13C8 PFOS	97		50 - 200
13C2-4:2-FTS	82		50 - 200
13C2-6:2-FTS	89		50 - 200
13C2-8:2-FTS	91		50 - 200
13C3 PFHxS	92		50 - 200

QC Association Summary

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

Job ID: 810-180030-1

LCMS

Prep Batch: 179329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-180030-1	Y01	Total/NA	Drinking Water	533	
810-180030-2	Y02	Total/NA	Drinking Water	533	
810-180030-3	J18	Total/NA	Drinking Water	533	
MBL 810-179329/1-A	Method Blank	Total/NA	Drinking Water	533	
LCS 810-179329/3-A	Lab Control Sample	Total/NA	Drinking Water	533	
LLCS 810-179329/2-A	Lab Control Sample	Total/NA	Drinking Water	533	

Analysis Batch: 179458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-180030-1	Y01	Total/NA	Drinking Water	533	179329
810-180030-2	Y02	Total/NA	Drinking Water	533	179329
810-180030-3	J18	Total/NA	Drinking Water	533	179329
MBL 810-179329/1-A	Method Blank	Total/NA	Drinking Water	533	179329
LCS 810-179329/3-A	Lab Control Sample	Total/NA	Drinking Water	533	179329
LLCS 810-179329/2-A	Lab Control Sample	Total/NA	Drinking Water	533	179329



Lab Chronicle

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

Job ID: 810-180030-1

Client Sample ID: Y01

Lab Sample ID: 810-180030-1

Date Collected: 02/04/26 11:06

Matrix: Drinking Water

Date Received: 02/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			179329	IF	EA SB	02/06/26 08:43
Total/NA	Analysis	533		1	179458	MT	EA SB	02/07/26 03:18

Client Sample ID: Y02

Lab Sample ID: 810-180030-2

Date Collected: 02/04/26 11:10

Matrix: Drinking Water

Date Received: 02/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			179329	IF	EA SB	02/06/26 08:43
Total/NA	Analysis	533		1	179458	MT	EA SB	02/07/26 04:20

Client Sample ID: J18

Lab Sample ID: 810-180030-3

Date Collected: 02/04/26 09:40

Matrix: Drinking Water

Date Received: 02/05/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			179329	IF	EA SB	02/06/26 08:43
Total/NA	Analysis	533		1	179458	MT	EA SB	02/07/26 04:50

Laboratory References:

EA SB = Eurofins 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: 810-180030-1

Laboratory: Eurofins 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: 810-180030-1

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 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: 810-180030-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
810-180030-1	Y01	Drinking Water	02/04/26 11:06	02/05/26 09:30	North Carolina
810-180030-2	Y02	Drinking Water	02/04/26 11:10	02/05/26 09:30	North Carolina
810-180030-3	J18	Drinking Water	02/04/26 09:40	02/05/26 09:30	North Carolina

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Eurofins South Bend
 110 S Hill Street
 South Bend, IN 46617
 Phone (574) 233-4777 Phone (574) 233-8207

Chain of Custody Record

Client Information		Sampler:	Lab P.M.:	Carrier Tracking No(s):	COC No.:
Client Contact: <u>Union City</u>		Phone:	E-Mail:	State of Origin:	Page: <u>1</u> of <u>1</u>
Company: <u>Union City</u>		PWSID:	Job #:		
Address:		Due Date Requested:	Analysis Requested		
City:		TAT Requested (days):	Preservation Codes:		
State:		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No	A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascobic 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)		
Prior:		PO #:	Other:		
Ente:		WO #:	Special Instructions/Note:		
Project Name:		Project #:	Initial Temp: <u>20</u> Corrected Temp: <u>25</u> IR Gun # <u>35</u>		
Site:		SSOW#:	Total Number of Containers		
Sample Identification		Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)		
Y01	080426	11:06	Sample Type (C=Comp, G=grab)	Matrix (Wet, Solid, Overstool)	Preservation Code
Y02		11:10			
518		0948			
CDC Completed by KED 02-05-2026 RAD					
Possible Hazard Identification					
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by:		Date:	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Relinquished by:		Date/Time:	<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months		
Relinquished by:		Date/Time:	Special Instructions/QC Requirements:		
Relinquished by:		Date/Time:	Method of Shipment:		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:		

Login Sample Receipt Checklist

Client: Union County Water

Job Number: 810-180030-1

Login Number: 180030

List Source: Eurofins South Bend

List Number: 1

Creator: DePriest, Kellie

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.	False	Refer to Job Narrative for details.
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	

