

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Lankford
Gadsden Water Works
515 Albert Rains Blvd
Gadsden, Alabama 35901

Generated 3/9/2026 12:32:45 PM

JOB DESCRIPTION

PFAS

JOB NUMBER

810-182477-1

Case Narrative

Client: Gadsden Water Works
Project: PFAS

Job ID: 810-182477-1

Job ID: 810-182477-1

Eurofins South Bend

Job Narrative 810-182477-1

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 3/3/2026 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C.

Receipt Exceptions

Bottle has different lot number.

Trip Blank (810-182477-3)

PFAS

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



Client Sample Results

Client: Gadsden Water Works
Project/Site: PFAS

Job ID: 810-182477-1

Client Sample ID: Gadsden - RW

Lab Sample ID: 810-182477-1

Date Collected: 03/01/26 21:05

Matrix: Drinking Water

Date Received: 03/03/26 10:00

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	0.000043		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorohexanoic acid (PFHxA)	0.000038		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorooctanoic acid (PFOA)	0.000039		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorodecanoic acid (PFDA)	0.0000033		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000063		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorobutanesulfonic acid (PFBS)	0.00017		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluoroheptanoic acid (PFHpA)	0.000013		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorononanoic acid (PFNA)	0.0000038		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	86		70 - 130			03/04/26 03:25	03/04/26 22:30	1
13C2 PFDA	90		70 - 130			03/04/26 03:25	03/04/26 22:30	1
13C3 HFPO-DA	82		70 - 130			03/04/26 03:25	03/04/26 22:30	1
d5-NEtFOSAA	96		70 - 130			03/04/26 03:25	03/04/26 22:30	1

Client Sample ID: Gadsden - FW

Lab Sample ID: 810-182477-2

Date Collected: 03/02/26 11:00

Matrix: Drinking Water

Date Received: 03/03/26 10:00

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	0.000022		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorohexanoic acid (PFHxA)	0.000031		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorooctanoic acid (PFOA)	0.000027		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000037		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorobutanesulfonic acid (PFBS)	0.00012		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluoroheptanoic acid (PFHpA)	0.0000094		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorononanoic acid (PFNA)	0.0000023		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1

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Client Sample Results

Client: Gadsden Water Works
Project/Site: PFAS

Job ID: 810-182477-1

Client Sample ID: Gadsden - FW

Lab Sample ID: 810-182477-2

Date Collected: 03/02/26 11:00

Matrix: Drinking Water

Date Received: 03/03/26 10:00

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020 (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		03/04/26 03:25	03/04/26 22:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	91		70 - 130			03/04/26 03:25	03/04/26 22:19	1
13C2 PFDA	88		70 - 130			03/04/26 03:25	03/04/26 22:19	1
13C3 HFPO-DA	82		70 - 130			03/04/26 03:25	03/04/26 22:19	1
d5-NEtFOSAA	91		70 - 130			03/04/26 03:25	03/04/26 22:19	1

Client Sample ID: Trip Blank

Lab Sample ID: 810-182477-3

Date Collected: 03/01/26 11:00

Matrix: Drinking Water

Date Received: 03/03/26 10:00

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		03/06/26 08:29	03/06/26 23:09	1

Eurofins South Bend



810-182477 Chain of Custody

Chain of Custody Record



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Sampler: **MICHAEL BROOKS** Lab Pk: **Trowbridge, Nathan** Carrier Tracking No(s): **810-47228-10392.1**

Phone: **256-7543-2884** E-Mail: **Nathan.Trowbridge@eurofins.com** State of Origin: **AL** Page: **1 of 1**

Job #: **03103/2024-1003**

Company: **Gadsden Water Works** PWSID: **03103/2024-1003**

Address: **515 Albert Rains Blvd** TAT Requested (days): **0**

City: **Gadsden** State, zip: **AL, 35901** Compliance Project: **Δ Yes Δ No**

Phone: **PO #:** **Purchase Order not required**

Email: **mihankford@gadsdenwater.org** WO #: **Project #:** **81004291**

Project Name: **PEAS** SSSOW#: **Site:** **GADSDEN**

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Overhaul, Br-Trawl, AAM)	Field Filtered Sample (Yes or No)	Perform MSD (Yes or No)	Analysis Requested	Preservation Codes:
GADSDEN - RW	3/1	2105	G	Drinking Water	Y	Y	0	Y - Tizna
GADSDEN - FW	3/2	1100	G	Drinking Water	Y	Y	0	Y - Tizna
TRIP BLANK				Drinking Water	Y	Y	0	Y - Tizna
1 FB w/Attachment lot #								
than other bottles ppw								
03/03/2024								

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:** **Time:**

Relinquished by: **P. BROOKS to Cooler** Date/Time: **3/2/24** Company: **EUROFINS**

Relinquished by: **Company** Date/Time: **Company**

Custody Seats Intact: **Δ Yes Δ No** Custody Seal No: **Cooler Temperature(s) °C and Other Remarks**

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

Special Instructions/IOC Requirements:

Method of Shipment: **Date/Time:** **Company:**

Received by: **Received by:** **Date/Time:** **Company:**

Received by: **Received by:** **Date/Time:** **Company:**

Initial Temp: **0.0**

Corrected Temp: **0.4**

Other: **28 wt**

Turbidity **0.2**

Special Instructions/Note: