

 **ANALYTICAL REPORT****PREPARED FOR**

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

Generated 1/12/2026 3:42:52 PM

JOB DESCRIPTION

PFAS

JOB NUMBER

810-177004-1

Case Narrative

Client: Gadsden Water Works
Project: PFAS

Job ID: 810-177004-1

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Job Narrative 810-177004-1

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 1/6/2026 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 1.4°C.

PFAS

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

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Client Sample Results

Client: Gadsden Water Works
Project/Site: PFAS

Job ID: 810-177004-1

Client Sample ID: Raw
Date Collected: 01/04/26 21:00
Date Received: 01/06/26 09:30

Lab Sample ID: 810-177004-1
Matrix: Drinking Water

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)	0.000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorohexanoic acid (PFHxA)	0.000023		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorooctanoic acid (PFOA)	0.000021		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000031		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorobutanesulfonic acid (PFBS)	0.000078		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluoroheptanoic acid (PFHpA)	0.0000076		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorononanoic acid (PFNA)	0.0000021		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	93		70 - 130			01/07/26 01:27	01/07/26 18:36	1
13C2 PFDA	94		70 - 130			01/07/26 01:27	01/07/26 18:36	1
13C3 HFPO-DA	88		70 - 130			01/07/26 01:27	01/07/26 18:36	1
d5-NEtFOSAA	96		70 - 130			01/07/26 01:27	01/07/26 18:36	1

Client Sample ID: Finish
Date Collected: 01/05/26 09:00
Date Received: 01/06/26 09:30

Lab Sample ID: 810-177004-2
Matrix: Drinking Water

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)	0.000012		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorohexanoic acid (PFHxA)	0.000021		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorooctanoic acid (PFOA)	0.000016		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000023		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorobutanesulfonic acid (PFBS)	0.000069		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluoroheptanoic acid (PFHpA)	0.0000065		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1

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Client Sample Results

Client: Gadsden Water Works
Project/Site: PFAS

Job ID: 810-177004-1

Client Sample ID: Finish

Date Collected: 01/05/26 09:00

Date Received: 01/06/26 09:30

Lab Sample ID: 810-177004-2

Matrix: Drinking Water

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		01/07/26 01:27	01/07/26 18:46	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		01/07/26 01:27	01/07/26 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	97		70 - 130			01/07/26 01:27	01/07/26 18:46	1
13C2 PFDA	93		70 - 130			01/07/26 01:27	01/07/26 18:46	1
13C3 HFPO-DA	92		70 - 130			01/07/26 01:27	01/07/26 18:46	1
d5-NEtFOSAA	93		70 - 130			01/07/26 01:27	01/07/26 18:46	1

Client Sample ID: FB

Date Collected: 01/04/26 21:00

Date Received: 01/06/26 09:30

Lab Sample ID: 810-177004-3

Matrix: Drinking Water

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		01/08/26 11:38	01/10/26 01:31	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		01/08/26 11:38	01/10/26 01:31	1

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810-177004 Chain of Custody

Chain of Custody Record

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Environment Testing

Client Contact: Mike Lankford
 Company: Gadsden Water Works
 Address: 515 Albert Rains Blvd
 City: Gadsden
 State Zip: AL, 35901
 Phone: 256-543-2884
 Email: mlankford@gadsdenwater.org
 Project Name: PFAS
 Site: GWW

Sampler: Eddie Sims
 Lab PM: Trowbridge, Nathan
 E-Mail: Nathan.Trowbridge@et.eurofins.com
 Carrier Tracking No(s):
 State of Origin:
 Job #:
 COC No: 810-63854-12932.1
 Page: Page 1 of 1

Due Date Requested:
 TAT Requested (days):
 Compliance Project: Yes No
 Purchase Order not required
 WO #:
 Project #: 81004291
 SSOW#:
 Analysis Requested:
 Preservation Codes:
 Y - Trama

Sample Identification: **PFAS Preservation Lot # Verified to Match**

Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Operation, Air, Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
1/4/24	2100	G	Drinking Water	X	X	2	
1/5/24	0900	G	Drinking Water	X	X	2	
1/4/24	2100	G	Drinking Water	X	X	1	
1/5/24	0900	G	Drinking Water	X	X	1	

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: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____

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/QC Requirements:
 Method of Shipment:

Custody Seals Intact: Yes No
 Cooler Temperature(s) °C and Other Remarks:
 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____
 Received by: _____ Date/Time: _____