

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

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

Generated 12/8/2025 9:17:38 PM

JOB DESCRIPTION

Gadsden

JOB NUMBER

810-173835-1

Case Narrative

Client: Gadsden Water Works
Project: Gadsden

Job ID: 810-173835-1

Job ID: 810-173835-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-173835-1

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

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

Receipt

The samples were received on 12/3/2025 10:30 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 0.6°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: Gadsden

Job ID: 810-173835-1

Client Sample ID: Gadsden - RW

Lab Sample ID: 810-173835-1

Date Collected: 12/01/25 20:12

Matrix: Drinking Water

Date Received: 12/03/25 10:30

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)	0.000023		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluoroundecanoic acid (PFUnA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorohexanoic acid (PFHxA)	0.000026		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorododecanoic acid (PFDoA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorooctanoic acid (PFOA)	0.000025		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorodecanoic acid (PFDA)	0.000023		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorohexanesulfonic acid (PFHxS)	0.000034		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorobutanesulfonic acid (PFBS)	0.000089		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluoroheptanoic acid (PFHpA)	0.000084		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorononanoic acid (PFNA)	0.000024		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorotetradecanoic acid (PFTeDA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Perfluorotridecanoic acid (PFTrDA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	103		70 - 130			12/03/25 17:23	12/04/25 12:37	1
13C2 PFDA	101		70 - 130			12/03/25 17:23	12/04/25 12:37	1
13C3 HFPO-DA	95		70 - 130			12/03/25 17:23	12/04/25 12:37	1
d5-NEtFOSAA	94		70 - 130			12/03/25 17:23	12/04/25 12:37	1

Client Sample ID: Gadsden - FW

Lab Sample ID: 810-173835-2

Date Collected: 12/02/25 11:00

Matrix: Drinking Water

Date Received: 12/03/25 10:30

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)	0.000013		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluoroundecanoic acid (PFUnA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorohexanoic acid (PFHxA)	0.000022		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorododecanoic acid (PFDoA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorooctanoic acid (PFOA)	0.000016		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorodecanoic acid (PFDA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorohexanesulfonic acid (PFHxS)	0.000021		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorobutanesulfonic acid (PFBS)	0.000073		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluoroheptanoic acid (PFHpA)	0.000069		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Perfluorononanoic acid (PFNA)	<0.000019		0.000019	mg/L		12/03/25 17:23	12/04/25 12:05	1

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Client Sample Results

Client: Gadsden Water Works
Project/Site: Gadsden

Job ID: 810-173835-1

Client Sample ID: Gadsden - FW

Lab Sample ID: 810-173835-2

Date Collected: 12/02/25 11:00

Matrix: Drinking Water

Date Received: 12/03/25 10:30

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		12/03/25 17:23	12/04/25 12:05	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
11-Chloroheicosafuoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		12/03/25 17:23	12/04/25 12:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	100		70 - 130			12/03/25 17:23	12/04/25 12:05	1
13C2 PFDA	97		70 - 130			12/03/25 17:23	12/04/25 12:05	1
13C3 HFPO-DA	95		70 - 130			12/03/25 17:23	12/04/25 12:05	1
d5-NEtFOSAA	88		70 - 130			12/03/25 17:23	12/04/25 12:05	1

Client Sample ID: FB

Lab Sample ID: 810-173835-3

Date Collected: 12/01/25 00:00

Matrix: Drinking Water

Date Received: 12/03/25 10:30

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		12/05/25 09:45	12/06/25 02:32	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
11-Chloroheicosafuoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		12/05/25 09:45	12/06/25 02:32	1

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Chain of Custody Record

810-173835 Chain of Custody

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

Lab P/N: Trowbridge, Nathan
 E-Mail: Nathan.Trowbridge@et.eurofins.com
 State of Origin:
 Carrier Tracking Net(s):
 COC No: 810-60660-12932.1
 Page: Page 1 of 1
 Job #:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Preservation Code	Matrix (W=water, S=solid, O=soil, BT=Tissue, A=Air, DW=Drinking water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes/No)	637.1 DW_PRC - PC18	Analysis Requested	Preservation Codes:	Total Number of Containers	Other:	Special Instructions/Note:
GADSDEN - RW	12/1	2012 G	G	G	Drinking Water	X	X						
GADSDEN - FW	12/2	1100 G	G	G	Drinking Water	X	X						
TRIP BLANK													

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: H. BROOKINS to Coder Date/Time: 12/2/25
 Relinquished by: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____
 Custody Seals Intact: Yes 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/QC Requirements: PFAS Preservation Lot Valid to Match
 Received by: _____ Date/Time: 12/03/2025 10:58 AM
 Company: Eurofins
 Received by: _____ Date/Time: _____
 Company: _____
 Received by: _____ Date/Time: _____
 Company: _____
 Method of Shipment: _____
 Date/Time: _____
 Date/Time: _____
 Date/Time: _____