

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

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

Generated 6/12/2025 2:03:13 PM

JOB DESCRIPTION

PFAS

JOB NUMBER

810-151023-1

Case Narrative

Client: Gadsden Water Works
Project: PFAS

Job ID: 810-151023-1

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Job Narrative 810-151023-1

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 6/4/2025 9:45 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 2.2°C.

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: 810-151023-1

Client Sample ID: Gadsden-RW

Lab Sample ID: 810-151023-1

Date Collected: 06/02/25 20:15

Matrix: Drinking Water

Date Received: 06/04/25 09:45

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)	0.000069		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorohexanoic acid (PFHxA)	0.000029		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorooctanoic acid (PFOA)	0.000040		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorodecanoic acid (PFDA)	0.0000068		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000051		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorobutanesulfonic acid (PFBS)	0.00011		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluoroheptanoic acid (PFHpA)	0.000011		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorononanoic acid (PFNA)	0.0000061		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Perfluorotridecanoic acid (PFTriDA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/05/25 23:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	93		70 - 130			06/05/25 08:22	06/05/25 23:21	1
13C2 PFDA	113		70 - 130			06/05/25 08:22	06/05/25 23:21	1
13C3 HFPO-DA	99		70 - 130			06/05/25 08:22	06/05/25 23:21	1
d5-NEtFOSAA	106		70 - 130			06/05/25 08:22	06/05/25 23:21	1

Client Sample ID: Gadsden-FW

Lab Sample ID: 810-151023-2

Date Collected: 06/03/25 11:00

Matrix: Drinking Water

Date Received: 06/04/25 09:45

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)	0.0000057		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorohexanoic acid (PFHxA)	0.0000086		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorooctanoic acid (PFOA)	0.0000073		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorobutanesulfonic acid (PFBS)	0.000025		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluoroheptanoic acid (PFHpA)	0.0000022		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1

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Client Sample Results

Client: Gadsden Water Works
Project/Site: PFAS

Job ID: 810-151023-1

Client Sample ID: Gadsden-FW

Date Collected: 06/03/25 11:00

Date Received: 06/04/25 09:45

Lab Sample ID: 810-151023-2

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
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		06/05/25 08:22	06/06/25 01:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	96		70 - 130			06/05/25 08:22	06/06/25 01:48	1
13C2 PFDA	100		70 - 130			06/05/25 08:22	06/06/25 01:48	1
13C3 HFPO-DA	96		70 - 130			06/05/25 08:22	06/06/25 01:48	1
d5-NEtFOSAA	100		70 - 130			06/05/25 08:22	06/06/25 01:48	1

Client Sample ID: FTB

Date Collected: 06/03/25 00:00

Date Received: 06/04/25 09:45

Lab Sample ID: 810-151023-3

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		06/06/25 10:44	06/11/25 22:20	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		06/06/25 10:44	06/11/25 22:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	108		70 - 130			06/06/25 10:44	06/11/25 22:20	1

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