

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/14/2025 5:15:42 PM

JOB DESCRIPTION

Gadsden

JOB NUMBER

810-147790-1

Case Narrative

Client: Gadsden Water Works
Project: Gadsden

Job ID: 810-147790-1

Job ID: 810-147790-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-147790-1

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 5/8/2025 9:15 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 0.0°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: 810-147790-1

Client Sample ID: Gadsden - RW

Lab Sample ID: 810-147790-1

Date Collected: 05/06/25 20:15

Matrix: Drinking Water

Date Received: 05/08/25 09:15

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)	0.000032		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorohexanoic acid (PFHxA)	0.000022		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorooctanoic acid (PFOA)	0.000026		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorodecanoic acid (PFDA)	0.0000031		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorohexanesulfonic acid (PFHxS)	0.0000037		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorobutanesulfonic acid (PFBS)	0.000085		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluoroheptanoic acid (PFHpA)	0.0000083		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorononanoic acid (PFNA)	0.0000032		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	92		70 - 130			05/09/25 07:22	05/10/25 07:53	1
13C2 PFDA	105		70 - 130			05/09/25 07:22	05/10/25 07:53	1
13C3 HFPO-DA	89		70 - 130			05/09/25 07:22	05/10/25 07:53	1
d5-NEtFOSAA	99		70 - 130			05/09/25 07:22	05/10/25 07:53	1

Client Sample ID: Gadsden - FW

Lab Sample ID: 810-147790-2

Date Collected: 05/07/25 11:00

Matrix: Drinking Water

Date Received: 05/08/25 09:15

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)	0.0000022		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorohexanoic acid (PFHxA)	0.0000022		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorooctanoic acid (PFOA)	0.0000021		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorobutanesulfonic acid (PFBS)	0.0000074		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1

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Client Sample Results

Client: Gadsden Water Works
Project/Site: Gadsden

Job ID: 810-147790-1

Client Sample ID: Gadsden - FW

Date Collected: 05/07/25 11:00

Date Received: 05/08/25 09:15

Lab Sample ID: 810-147790-2

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		05/09/25 07:22	05/10/25 07:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		05/09/25 07:22	05/10/25 07:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	107		70 - 130			05/09/25 07:22	05/10/25 07:42	1
13C2 PFDA	104		70 - 130			05/09/25 07:22	05/10/25 07:42	1
13C3 HFPO-DA	102		70 - 130			05/09/25 07:22	05/10/25 07:42	1
d5-NEtFOSAA	102		70 - 130			05/09/25 07:22	05/10/25 07:42	1

Client Sample ID: FB

Date Collected: 05/06/25 11:00

Date Received: 05/08/25 09:15

Lab Sample ID: 810-147790-3

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		05/13/25 09:13	05/13/25 23:08	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		05/13/25 09:13	05/13/25 23:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
13C2 PFHxA	106		70 - 130			05/13/25 09:13	05/13/25 23:08	1

Eurofins Eaton Analytical South Bend

Login Sample Receipt Checklist

Client: Gadsden Water Works

Job Number: 810-147790-1

Login Number: 147790

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Trowbridge, Peyton

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.	True	
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	
Container provided by EEA	True	