eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/14/2026 4:58:29 PM

JOB DESCRIPTION

PFAS GADSDEN

JOB NUMBER

810-212689-1

Eurofins South Bend
110 S Hill Street
South Bend IN 46617

See page two for job notes and contact information.

my EOL

Job Narrative
810-212689-1

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 10/6/2026 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 1.0°C.

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

Client Sample ID: GADSDEN-RAW

Lab Sample ID: 810-212689-1

Date Collected: 10/04/26 20:19

Matrix: Drinking Water

Date Received: 10/06/26 09:30

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)	**0.000040**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorohexanoic acid (PFHxA)	**0.000025**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorooctanoic acid (PFOA)	**0.000028**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorodecanoic acid (PFDA)	**0.0000037**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorohexanesulfonic acid (PFHxS)	**0.0000040**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorobutanesulfonic acid (PFBS)	**0.000095**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluoroheptanoic acid (PFHpA)	**0.000011**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorononanoic acid (PFNA)	**0.0000032**		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*91*		*70 - 130*	*10/07/26 11:56*	*10/08/26 15:56*	*1*
13C2 PFDA	*100*		*70 - 130*	*10/07/26 11:56*	*10/08/26 15:56*	*1*
13C3 HFPO-DA	*93*		*70 - 130*	*10/07/26 11:56*	*10/08/26 15:56*	*1*
d5-NEtFOSAA	*94*		*70 - 130*	*10/07/26 11:56*	*10/08/26 15:56*	*1*

Client Sample ID: GADSDEN-RAW FRB

Lab Sample ID: 810-212689-2

Date Collected: 10/04/26 20:19

Matrix: Drinking Water

Date Received: 10/06/26 09:30

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		10/10/26 06:37	10/13/26 15:53	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1

Client Sample ID: GADSDEN-RAW FRB
Date Collected: 10/04/26 20:19
Date Received: 10/06/26 09:30

Lab Sample ID: 810-212689-2
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
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*103*		*70 - 130*	*10/10/26 06:37*	*10/13/26 15:53*	*1*
13C2 PFDA	*100*		*70 - 130*	*10/10/26 06:37*	*10/13/26 15:53*	*1*
13C3 HFPO-DA	*96*		*70 - 130*	*10/10/26 06:37*	*10/13/26 15:53*	*1*
d5-NEtFOSAA	*97*		*70 - 130*	*10/10/26 06:37*	*10/13/26 15:53*	*1*

Client Sample ID: GADSDEN-FW
Date Collected: 10/05/26 11:00
Date Received: 10/06/26 09:30

Lab Sample ID: 810-212689-3
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)	**0.000014**		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorohexanoic acid (PFHxA)	**0.000020**		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorooctanoic acid (PFOA)	**0.000016**		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorohexanesulfonic acid (PFHxS)	**0.0000020**		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorobutanesulfonic acid (PFBS)	**0.000068**		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluoroheptanoic acid (PFHpA)	**0.0000070**		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		10/07/26 11:56	10/08/26 16:49	1

Client Sample ID: GADSDEN-FW

Date Collected: 10/05/26 11:00
Date Received: 10/06/26 09:30

Lab Sample ID: 810-212689-3
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	93		70 - 130	10/07/26 11:56	10/08/26 16:49	1
13C2 PFDA	100		70 - 130	10/07/26 11:56	10/08/26 16:49	1
13C3 HFPO-DA	94		70 - 130	10/07/26 11:56	10/08/26 16:49	1
d5-NEtFOSAA	72		70 - 130	10/07/26 11:56	10/08/26 16:49	1

Client Sample ID: GADSDEN-FW FRB

Date Collected: 10/05/26 11:00
Date Received: 10/06/26 09:30

Lab Sample ID: 810-212689-4
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		10/10/26 06:37	10/13/26 14:29	1
Perfluoroundecanoic acid (PFUnA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorohexanoic acid (PFHxA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorododecanoic acid (PFDoA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorooctanoic acid (PFOA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorodecanoic acid (PFDA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorobutanesulfonic acid (PFBS)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluoroheptanoic acid (PFHpA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorononanoic acid (PFNA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorotetradecanoic acid (PFTeDA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Perfluorotridecanoic acid (PFTrDA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0000019		0.0000019	mg/L		10/10/26 06:37	10/13/26 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFHxA	107		70 - 130	10/10/26 06:37	10/13/26 14:29	1
13C2 PFDA	99		70 - 130	10/10/26 06:37	10/13/26 14:29	1
13C3 HFPO-DA	100		70 - 130	10/10/26 06:37	10/13/26 14:29	1
d5-NEtFOSAA	77		70 - 130	10/10/26 06:37	10/13/26 14:29	1

Eurofins South Bend
110 S Hill Street
South Bend, IN 46617
Phone: 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

810-212689 Chain of Custody

eurofins | Environment Testing

Client Information	Sampler: MICHAEL BROOKINS	Lab PM: Trowbridge, Nathar.	COC No: 810-84745-12932.1
Client Contact: Mike Lankford	Phone: (256)543-2884	E-Mail: Nathan.Trowbridge@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Gadsden Water Works	PWSID:	Analysis Requested	Job #:
Address: 515 Albert Rains Blvd	Due Date Requested:		Preservation Codes: Y - Trizma
City: Gadsden	TAT Requested (days):		
State, Zip: AL, 35901	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order not required		
Email: mlankford@gadsdenwater.org	WO #:		
Project Name: PFAS	Project #: 81004291		
Site: GADSDEN	SSOW#:		Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	537.1_DW_PREC - PFC18	Total Number of containers	Special Instructions/Note:
Preservation Code:							Y		
GADSDEN - RAW	10/4/26	2019	G	Drinking Wate	N	N	X	2	Turbidity 12
GADSDEN - FW	10/5/26	1100	G	Drinking Wate	N	N	X	2	
TRIP BLANK				Drinking Wate				1	PFAS Preservation Lot # Verified to Match
				Drinking Wate				1	

Initial Temp: 1.2 wet
Corrected Temp: 1.0
IR Gun #: 30

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
M. BROOKINS to Cooler	10/5/26 1205	GWW	Maddy Fell	10/06/2026 09:30	ESS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

10/14/2026