

Eurofins Derry
Laboratory Report

Merrimack Village District
Jill Lavoie
2 Greens Pond Road
Merrimack, NH 03054

Job ID: 291-7336-1
Date Received: 6/26/2026 2:20 PM
Sample Collected In: New Hampshire
Job Desc: Merrimack Village - PFAs
Non-Compliance

REVISION

The report being provided is a revision of the original report sent on 7/6/2026. The report (revision 1) is being revised due to Corrected sample location for sample -4, to 1531010-011 (MVD-4R raw).

The analytical test results presented in this report meet all requirements of the associated regulatory program listed in the Certification Summary section, unless otherwise noted. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. 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.

Receipt

The samples were received on 6/26/2026 2:20 PM. 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 15.0°C.

Certification Summary

Certifications for this job are presented below. Note that not all certifications may be applicable to your report and certifications for subcontracted laboratories are available upon request. Analytes not considered to be certified under the certifications associated with this report will have an asterisk next to their names. Evidence of certification for laboratories within Eurofins Environmental Testing can be found on the following website: <https://www.eurofinsus.com/environment-testing/resources/certifications/>

Eurofins Derry (DER), 22 Manchester Road, Unit 2, Derry, NH 03038
New Hampshire, Lab ID: 1015

Action Limit Summary

Sample results for 291-7336-1, 291-7336-2, 291-7336-3, 291-7336-4, 291-7336-5, 291-7336-6, 291-7336-7, 291-7336-8, and 291-7336-9 have been evaluated against the following action limits and/or Maximum Contaminant Levels:

- EPA Primary Limits: EPA DW Primary MCLs
- EPA Secondary Limits: EPA Secondary DW MCL
- State Limits: NH State DW MCLs

Definitions regarding the evaluations presented within this report are presented below:

- EPA Primary Limits: Legally enforceable standards known to affect human health.
- EPA Secondary Limits: Non-enforceable standards that may cause cosmetic or aesthetic effects.
- Pass: Result is below the action limit and/or MCL.
- Fail: Result is above the action limit and/or MCL.
- Attention: Result indicates a potential pathway for contaminants to enter the system that warrants investigation.
- No Limit: No action limit or MCL is available.

Analysis Related Notes

DF: "Dilution factor" means the ratio of the volume of the final (dilution) solution to the volume of sample.

MDL: "Minimum Detection Limit" means the minimum result which can be reliably distinguished from a blank with predetermined confidence level.

ND: Non-detected at the reporting limit (or MDL or EDL if shown).

RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.

Data qualifier flags provide additional information in regards to the receipt, analysis or quality control of a sample. If any such flags are associated with the results of this report, they will be listed below along with their definitions.



J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-008 (MVD-2 Raw)
SAMPLE ID #: 291-7336-1
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:08

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.345	ng/L			0.345	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.353	ng/L			0.353	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.403	ng/L			0.403	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.381	ng/L			0.381	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.327	ng/L			0.327	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.336	ng/L			0.336	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.413	ng/L			0.413	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Nonfluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.646	ng/L			0.646	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.261	ng/L			0.261	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.421	ng/L			0.421	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.355	ng/L			0.355	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorobutanesulfonic acid (PFBS)	2.74	ng/L			0.335	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorobutanoic acid (PFBA)	1.88	ng/L		J	0.485	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorodecanoic acid (PFDA)	<0.362	ng/L			0.362	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorododecanoic acid (PFDoA)	<0.334	ng/L			0.334	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoroheptanesulfonic acid (PFHpS)	<0.351	ng/L			0.351	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoroheptanoic acid (PFHpA)	2.82	ng/L			0.362	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorohexanesulfonic acid (PFHxS)	<0.425	ng/L	✓		0.425	1.96	1	18	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorohexanoic acid (PFHxA)	3.28	ng/L			0.321	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorononanoic acid (PFNA)	<0.343	ng/L	✓		0.343	1.96	1	11	SH - DER	06/30/26 11:25	06/30/26 23:44



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-008 (MVD-2 Raw)
SAMPLE ID #: 291-7336-1
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:08

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	2.41	ng/L	✓		0.346	1.96	1	15	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluorooctanoic acid (PFOA)	13.5	ng/L	✗		0.526	1.96	1	12	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoropentanesulfonic acid (PFPeS)	<0.348	ng/L			0.348	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoropentanoic acid (PFPeA)	2.19	ng/L			0.438	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoroundecanoic acid (PFUnA)	<0.355	ng/L			0.355	1.96	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:44

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	89	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] decanesulfonic acid	75	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] hexanesulfonic acid	65	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] octanesulfonic acid	69	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	97	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-1-[13C8] octanesulfonic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	92	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	90	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	84	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	93	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	88	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[1,2-13C2]dodecanoic acid	89	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[13C4]butanoic acid	95	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-008 (MVD-2 Raw)
SAMPLE ID #: 291-7336-1
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:08

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	92	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[13C8]octanoic acid	87	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44
Perfluoro-n-[13C9]nonanoic acid	85	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:44

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_012 (MVD 9 Raw)
SAMPLE ID #: 291-7336-2
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:09

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.336	ng/L			0.336	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.344	ng/L			0.344	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.392	ng/L			0.392	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.371	ng/L			0.371	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.319	ng/L			0.319	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.327	ng/L			0.327	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.403	ng/L			0.403	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Nonafluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.629	ng/L			0.629	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.254	ng/L			0.254	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.410	ng/L			0.410	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.346	ng/L			0.346	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorobutanesulfonic acid (PFBS)	2.01	ng/L			0.326	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorobutanoic acid (PFBA)	1.53	ng/L		J	0.473	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorodecanoic acid (PFDA)	<0.353	ng/L			0.353	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorododecanoic acid (PFDoA)	<0.326	ng/L			0.326	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoroheptanesulfonic acid (PFHpS)	<0.342	ng/L			0.342	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoroheptanoic acid (PFHpA)	1.05	ng/L		J	0.353	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorohexanesulfonic acid (PFHxS)	<0.414	ng/L	✓		0.414	1.91	1	18	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorohexanoic acid (PFHxA)	1.09	ng/L		J	0.313	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorononanoic acid (PFNA)	<0.334	ng/L	✓		0.334	1.91	1	11	SH - DER	06/30/26 11:25	06/30/26 23:58



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_012 (MVD 9 Raw)
SAMPLE ID #: 291-7336-2
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:09

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	<0.337	ng/L	✓		0.337	1.91	1	15	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluorooctanoic acid (PFOA)	5.92	ng/L	✓		0.513	1.91	1	12	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoropentanesulfonic acid (PFPeS)	<0.339	ng/L			0.339	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoropentanoic acid (PFPeA)	0.867	ng/L		J	0.427	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoroundecanoic acid (PFUnA)	<0.346	ng/L			0.346	1.91	1	No Limit	SH - DER	06/30/26 11:25	06/30/26 23:58

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	93	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] decanesulfonic acid	71	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] hexanesulfonic acid	66	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] octanesulfonic acid	70	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	98	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-1-[13C8] octanesulfonic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	96	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n- [1,2,3,4,5,6,7-13C7]undecano ic acid	93	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n- [1,2,3,4,5,6-13C6]decanoic acid	91	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n- [1,2,3,4,6-13C5]hexanoic acid	98	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n- [1,2,3,4-13C4]heptanoic acid	98	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n- [1,2-13C2]dodecanoic acid	89	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n-[13C4]butanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_012 (MVD 9 Raw)
SAMPLE ID #: 291-7336-2
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:09

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	96	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n-[13C8]octanoic acid	95	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58
Perfluoro-n-[13C9]nonanoic acid	96	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	06/30/26 23:58

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-512 (TP- 2/9 Treated)
SAMPLE ID #: 291-7336-3
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:12

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.337	ng/L			0.337	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.345	ng/L			0.345	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.394	ng/L			0.394	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.372	ng/L			0.372	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.320	ng/L			0.320	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.328	ng/L			0.328	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.404	ng/L			0.404	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Nonfluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.631	ng/L			0.631	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.255	ng/L			0.255	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.412	ng/L			0.412	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.347	ng/L			0.347	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorobutanesulfonic acid (PFBS)	<0.327	ng/L			0.327	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorobutanoic acid (PFBA)	1.94	ng/L			0.474	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorodecanoic acid (PFDA)	<0.354	ng/L			0.354	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorododecanoic acid (PFDoA)	<0.327	ng/L			0.327	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoroheptanesulfonic acid (PFHpS)	<0.343	ng/L			0.343	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoroheptanoic acid (PFHpA)	<0.354	ng/L			0.354	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorohexanesulfonic acid (PFHxS)	<0.416	ng/L	✓		0.416	1.91	1	18	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorohexanoic acid (PFHxA)	<0.314	ng/L			0.314	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorononanoic acid (PFNA)	<0.335	ng/L	✓		0.335	1.91	1	11	SH - DER	06/30/26 11:25	07/01/26 00:11



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-512 (TP- 2/9 Treated)
SAMPLE ID #: 291-7336-3
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:12

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	<0.338	ng/L	✓		0.338	1.91	1	15	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluorooctanoic acid (PFOA)	<0.514	ng/L	✓		0.514	1.91	1	12	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoropentanesulfonic acid (PFPeS)	<0.340	ng/L			0.340	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoropentanoic acid (PFPeA)	1.05	ng/L		J	0.428	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoroundecanoic acid (PFUnA)	<0.347	ng/L			0.347	1.91	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:11

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] decanesulfonic acid	83	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] hexanesulfonic acid	84	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] octanesulfonic acid	81	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	107	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-1-[13C8] octanesulfonic acid	111	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	108	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n- [1,2,3,4,5,6,7-13C7]undecano ic acid	107	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n- [1,2,3,4,5,6-13C6]decanoic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n- [1,2,3,4,6-13C5]hexanoic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n- [1,2,3,4-13C4]heptanoic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n- [1,2-13C2]dodecanoic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n-[13C4]butanoic acid	110	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-512 (TP- 2/9 Treated)
SAMPLE ID #: 291-7336-3
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:12

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	106	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n-[13C8]octanoic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11
Perfluoro-n-[13C9]nonanoic acid	110	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:11



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-011 (MVD-4R raw)
SAMPLE ID #: 291-7336-4
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:21

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.341	ng/L			0.341	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.349	ng/L			0.349	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.399	ng/L			0.399	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.377	ng/L			0.377	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.324	ng/L			0.324	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.333	ng/L			0.333	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.409	ng/L			0.409	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Nonfluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.639	ng/L			0.639	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.258	ng/L			0.258	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.417	ng/L			0.417	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.351	ng/L			0.351	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorobutanesulfonic acid (PFBS)	5.40	ng/L			0.332	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorobutanoic acid (PFBA)	4.82	ng/L			0.480	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorodecanoic acid (PFDA)	<0.359	ng/L			0.359	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorododecanoic acid (PFDoA)	<0.331	ng/L			0.331	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoroheptanesulfonic acid (PFHpS)	<0.347	ng/L			0.347	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoroheptanoic acid (PFHpA)	10.8	ng/L			0.359	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorohexanesulfonic acid (PFHxS)	2.35	ng/L	✓		0.421	1.94	1	18	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorohexanoic acid (PFHxA)	13.2	ng/L			0.318	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorononanoic acid (PFNA)	<0.340	ng/L	✓		0.340	1.94	1	11	SH - DER	06/30/26 11:25	07/01/26 00:25



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-011 (MVD-4R raw)
SAMPLE ID #: 291-7336-4
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:21

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	3.15	ng/L	✓		0.342	1.94	1	15	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluorooctanoic acid (PFOA)	59.2	ng/L	✗		0.521	1.94	1	12	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoropentanesulfonic acid (PFPeS)	<0.344	ng/L			0.344	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoropentanoic acid (PFPeA)	8.60	ng/L			0.434	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoroundecanoic acid (PFUnA)	<0.351	ng/L			0.351	1.94	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:25

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	80	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] decanesulfonic acid	74	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] hexanesulfonic acid	69	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] octanesulfonic acid	74	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-1-[13C8] octanesulfonic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n- [1,2,3,4,5,6,7-13C7]undecano ic acid	78	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n- [1,2,3,4,5,6-13C6]decanoic acid	73	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n- [1,2,3,4,6-13C5]hexanoic acid	84	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n- [1,2,3,4-13C4]heptanoic acid	80	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n- [1,2-13C2]dodecanoic acid	80	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n-[13C4]butanoic acid	89	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010-011 (MVD-4R raw)
SAMPLE ID #: 291-7336-4
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:21

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	85	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n-[13C8]octanoic acid	79	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25
Perfluoro-n-[13C9]nonanoic acid	78	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:25



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_005 (MVD-5 raw)
SAMPLE ID #: 291-7336-5
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:22

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.344	ng/L			0.344	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.352	ng/L			0.352	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.402	ng/L			0.402	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.380	ng/L			0.380	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.326	ng/L			0.326	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.335	ng/L			0.335	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.412	ng/L			0.412	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Nonfluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.644	ng/L			0.644	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.260	ng/L			0.260	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.420	ng/L			0.420	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.354	ng/L			0.354	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorobutanesulfonic acid (PFBS)	5.02	ng/L			0.334	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorobutanoic acid (PFBA)	4.52	ng/L			0.484	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorodecanoic acid (PFDA)	<0.361	ng/L			0.361	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorododecanoic acid (PFDoA)	<0.333	ng/L			0.333	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoroheptanesulfonic acid (PFHpS)	<0.350	ng/L			0.350	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoroheptanoic acid (PFHpA)	9.27	ng/L			0.361	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorohexanesulfonic acid (PFHxS)	1.98	ng/L	✓		0.424	1.95	1	18	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorohexanoic acid (PFHxA)	11.5	ng/L			0.320	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorononanoic acid (PFNA)	<0.342	ng/L	✓		0.342	1.95	1	11	SH - DER	06/30/26 11:25	07/01/26 00:52



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_005 (MVD-5 raw)
SAMPLE ID #: 291-7336-5
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:22

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	2.33	ng/L	✓		0.345	1.95	1	15	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluorooctanoic acid (PFOA)	47.7	ng/L	✗		0.525	1.95	1	12	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoropentanesulfonic acid (PFPeS)	<0.347	ng/L			0.347	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoropentanoic acid (PFPeA)	7.77	ng/L			0.437	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoroundecanoic acid (PFUnA)	<0.354	ng/L			0.354	1.95	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 00:52

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	96	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] decanesulfonic acid	83	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] hexanesulfonic acid	71	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] octanesulfonic acid	75	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	102	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-1-[13C8] octanesulfonic acid	109	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n- [1,2,3,4,5,6,7-13C7]undecano ic acid	109	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n- [1,2,3,4,5,6-13C6]decanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n- [1,2,3,4,6-13C5]hexanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n- [1,2,3,4-13C4]heptanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n- [1,2-13C2]dodecanoic acid	109	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n-[13C4]butanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_005 (MVD-5 raw)
SAMPLE ID #: 291-7336-5
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:22

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n-[13C8]octanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52
Perfluoro-n-[13C9]nonanoic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 00:52



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_509 (TP-4/5 treated)
SAMPLE ID #: 291-7336-6
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:18

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.333	ng/L			0.333	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.340	ng/L			0.340	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.388	ng/L			0.388	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.368	ng/L			0.368	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.316	ng/L			0.316	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.324	ng/L			0.324	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.399	ng/L			0.399	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Nonafluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.623	ng/L			0.623	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.251	ng/L			0.251	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.406	ng/L			0.406	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.342	ng/L			0.342	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorobutanesulfonic acid (PFBS)	<0.323	ng/L			0.323	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorobutanoic acid (PFBA)	6.69	ng/L			0.468	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorodecanoic acid (PFDA)	<0.350	ng/L			0.350	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorododecanoic acid (PFDoA)	<0.322	ng/L			0.322	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoroheptanesulfonic acid (PFHpS)	<0.338	ng/L			0.338	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoroheptanoic acid (PFHpA)	<0.350	ng/L			0.350	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorohexanesulfonic acid (PFHxS)	<0.410	ng/L	✓		0.410	1.89	1	18	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorohexanoic acid (PFHxA)	<0.310	ng/L			0.310	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorononanoic acid (PFNA)	<0.331	ng/L	✓		0.331	1.89	1	11	SH - DER	06/30/26 11:25	07/01/26 01:06



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_509 (TP-4/5 treated)
SAMPLE ID #: 291-7336-6
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:18

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	<0.334	ng/L	✓		0.334	1.89	1	15	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluorooctanoic acid (PFOA)	<0.508	ng/L	✓		0.508	1.89	1	12	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoropentanesulfonic acid (PFPeS)	<0.336	ng/L			0.336	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoropentanoic acid (PFPeA)	<0.422	ng/L			0.422	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoroundecanoic acid (PFUnA)	<0.342	ng/L			0.342	1.89	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:06

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	91	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] decanesulfonic acid	82	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] hexanesulfonic acid	84	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] octanesulfonic acid	81	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-1-[13C8] octanesulfonic acid	108	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	93	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	93	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	91	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[1,2-13C2]dodecanoic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[13C4]butanoic acid	95	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_509 (TP-4/5 treated)
SAMPLE ID #: 291-7336-6
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 11:18

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	94	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[13C8]octanoic acid	93	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06
Perfluoro-n-[13C9]nonanoic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:06



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_007 (MVD-7 raw)
SAMPLE ID #: 291-7336-7
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:40

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.337	ng/L			0.337	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.345	ng/L			0.345	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.394	ng/L			0.394	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.373	ng/L			0.373	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.320	ng/L			0.320	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.329	ng/L			0.329	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.404	ng/L			0.404	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Nonafluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.631	ng/L			0.631	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.255	ng/L			0.255	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.412	ng/L			0.412	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.347	ng/L			0.347	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorobutanesulfonic acid (PFBS)	2.45	ng/L			0.328	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorobutanoic acid (PFBA)	2.38	ng/L			0.474	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorodecanoic acid (PFDA)	<0.354	ng/L			0.354	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorododecanoic acid (PFDoA)	<0.327	ng/L			0.327	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoroheptanesulfonic acid (PFHpS)	<0.343	ng/L			0.343	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoroheptanoic acid (PFHpA)	2.56	ng/L			0.354	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorohexanesulfonic acid (PFHxS)	1.29	ng/L	✓	J	0.416	1.92	1	18	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorohexanoic acid (PFHxA)	2.05	ng/L			0.314	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorononanoic acid (PFNA)	<0.335	ng/L	✓		0.335	1.92	1	11	SH - DER	06/30/26 11:25	07/01/26 01:19



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_007 (MVD-7 raw)
SAMPLE ID #: 291-7336-7
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:40

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	2.78	ng/L	✓		0.338	1.92	1	15	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluorooctanoic acid (PFOA)	20.9	ng/L	✗		0.514	1.92	1	12	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoropentanesulfonic acid (PFPeS)	<0.340	ng/L			0.340	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoropentanoic acid (PFPeA)	1.40	ng/L		J	0.428	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoroundecanoic acid (PFUnA)	<0.347	ng/L			0.347	1.92	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:19

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	98	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] decanesulfonic acid	77	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] hexanesulfonic acid	77	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] octanesulfonic acid	70	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-1-[13C8] octanesulfonic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	98	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n- [1,2,3,4,5,6,7-13C7]undecano ic acid	90	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n- [1,2,3,4,5,6-13C6]decanoic acid	91	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n- [1,2,3,4,6-13C5]hexanoic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n- [1,2,3,4-13C4]heptanoic acid	103	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n- [1,2-13C2]dodecanoic acid	88	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n-[13C4]butanoic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_007 (MVD-7 raw)
SAMPLE ID #: 291-7336-7
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:40

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n-[13C8]octanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19
Perfluoro-n-[13C9]nonanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:19

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_009 (MVD-8 raw)
SAMPLE ID #: 291-7336-8
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:42

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.347	ng/L			0.347	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.355	ng/L			0.355	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.405	ng/L			0.405	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.384	ng/L			0.384	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.329	ng/L			0.329	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.338	ng/L			0.338	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.416	ng/L			0.416	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Nonfluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.650	ng/L			0.650	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.262	ng/L			0.262	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.424	ng/L			0.424	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.357	ng/L			0.357	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorobutanesulfonic acid (PFBS)	2.10	ng/L			0.337	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorobutanoic acid (PFBA)	1.96	ng/L		J	0.488	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorodecanoic acid (PFDA)	<0.365	ng/L			0.365	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorododecanoic acid (PFDoA)	<0.336	ng/L			0.336	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoroheptanesulfonic acid (PFHpS)	<0.353	ng/L			0.353	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoroheptanoic acid (PFHpA)	2.81	ng/L			0.365	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorohexanesulfonic acid (PFHxS)	1.10	ng/L	✓	J	0.428	1.97	1	18	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorohexanoic acid (PFHxA)	2.41	ng/L			0.323	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorononanoic acid (PFNA)	<0.345	ng/L	✓		0.345	1.97	1	11	SH - DER	06/30/26 11:25	07/01/26 01:33



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_009 (MVD-8 raw)
SAMPLE ID #: 291-7336-8
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:42

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	1.66	ng/L	✓	J	0.348	1.97	1	15	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluorooctanoic acid (PFOA)	20.6	ng/L	✗		0.530	1.97	1	12	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoropentanesulfonic acid (PFPeS)	<0.350	ng/L			0.350	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoropentanoic acid (PFPeA)	1.51	ng/L		J	0.441	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoroundecanoic acid (PFUnA)	<0.357	ng/L			0.357	1.97	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:33

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	102	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] decanesulfonic acid	79	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] hexanesulfonic acid	77	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
1H,1H,2H,2H-Perfluoro-1- [1,2-13C2] octanesulfonic acid	73	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	106	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-1-[13C8] octanesulfonic acid	106	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	102	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n- [1,2,3,4,5,6,7-13C7]undecano ic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n- [1,2,3,4,5,6-13C6]decanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n- [1,2,3,4,6-13C5]hexanoic acid	105	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n- [1,2,3,4-13C4]heptanoic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n- [1,2-13C2]dodecanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n-[13C4]butanoic acid	106	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_009 (MVD-8 raw)
SAMPLE ID #: 291-7336-8
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:42

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n-[13C8]octanoic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33
Perfluoro-n-[13C9]nonanoic acid	104	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:33

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_510 (TP-7/8 treated)
SAMPLE ID #: 291-7336-9
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:47

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxau ndecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.345	ng/L			0.345	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	<0.353	ng/L			0.353	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	<0.403	ng/L			0.403	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	<0.382	ng/L			0.382	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
4,8-Dioxa-3H-perfluorononan oic acid (ADONA)	<0.328	ng/L			0.328	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
9-Chlorohexadecafluoro-3-ox anonane-1-sulfonic acid (9Cl-PF3ONS)	<0.337	ng/L			0.337	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Hexafluoropropylene oxide dimer acid (HFPO DA)	<0.414	ng/L			0.414	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Nonafluoro-3,6-dioxaheptanoi c acid (NFDHA)	<0.647	ng/L			0.647	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.261	ng/L			0.261	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-3-methoxypropanoi c acid (PFMPA)	<0.422	ng/L			0.422	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.355	ng/L			0.355	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorobutanesulfonic acid (PFBS)	<0.336	ng/L			0.336	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorobutanoic acid (PFBA)	<0.486	ng/L			0.486	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorodecanoic acid (PFDA)	<0.363	ng/L			0.363	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorododecanoic acid (PFDoA)	<0.335	ng/L			0.335	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoroheptanesulfonic acid (PFHpS)	<0.351	ng/L			0.351	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoroheptanoic acid (PFHpA)	<0.363	ng/L			0.363	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorohexanesulfonic acid (PFHxS)	<0.426	ng/L	✓		0.426	1.96	1	18	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorohexanoic acid (PFHxA)	<0.322	ng/L			0.322	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorononanoic acid (PFNA)	<0.343	ng/L	✓		0.343	1.96	1	11	SH - DER	06/30/26 11:25	07/01/26 01:46



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_510 (TP-7/8 treated)
SAMPLE ID #: 291-7336-9
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:47

Test Description (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	MDL	RL	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluorooctanesulfonic acid (PFOS)	<0.346	ng/L	✓		0.346	1.96	1	15	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluorooctanoic acid (PFOA)	<0.527	ng/L	✓		0.527	1.96	1	12	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoropentanesulfonic acid (PFPeS)	<0.348	ng/L			0.348	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoropentanoic acid (PFPeA)	<0.439	ng/L			0.439	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoroundecanoic acid (PFUnA)	<0.355	ng/L			0.355	1.96	1	No Limit	SH - DER	06/30/26 11:25	07/01/26 01:46

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
13C3-HFPO-DA	97	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] decanesulfonic acid	81	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] hexanesulfonic acid	86	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2] octanesulfonic acid	83	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-1-[1,2,3-13C3] hexanesulfonic acid	106	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-1-[13C8] octanesulfonic acid	108	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-1-[2,3,4-13C3] butanesulfonic acid	109	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	99	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	100	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[1,2-13C2]dodecanoic acid	91	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[13C4]butanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46



CERTIFICATE OF ANALYSIS FOR DRINKING WATER

CLIENT SAMPLE ID: 1531010_510 (TP-7/8 treated)
SAMPLE ID #: 291-7336-9
CLIENT JOB #:
OTHER SAMPLE INFO:
SAMPLED BY: Miner Jr Ronald
COLLECTION DATE/TIME: 06/26/26 10:47

Isotope Dilution (EPA 533)	Results	Units	Pass/ Fail	DQ Flag	DF	Limit	Analyst /Lab	Date & Time Prepared	Date & Time Analyzed
Perfluoro-n-[13C5]pentanoic acid	101	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[13C8]octanoic acid	103	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46
Perfluoro-n-[13C9]nonanoic acid	106	%	✓		1	50 - 200	SH - DER	06/30/26 11:25	07/01/26 01:46



Environment Testing

CHAIN OF CUSTODY

WORK ORDER#: _____



DUE DATE: _____

291-7336 COC

Eurofins Derry
22 Manchester Road, Unit 2
Derry, NH 03038

COMPANY Merrimack Village District
ADDRESS 2 Greens Pond Road
Merrimack, NH 03054
PHONE# (603) 424-9241 x103 Fax# _____
P.O.# _____
CLIENT CONTACT Jill Lavoie
PROJECT LOCATION/STATE: Merrimack, NH
EMAIL jlavoie@mvdwaternh.gov

CONTAINER TYPE

P-PLASTIC

G-GLASS

SAMPLE TYPE

1. Water 5. Tissue

2. Soil 6. Other

3. Sudge

4. Oil

ANALYSES

PFAS Method 533
Lot #125108C

#	SAMPLE IDENTIFICATION	SAMPLE TYPE	CONTAINER			SAMPLING		PRESERVATIVE													COMMENTS
			SIZE	TYPE	#	DATE	TIME														
1	1531010-008 (MVD-2 raw)	1		P	2	6/26/2026	10:08		X												
2	1531010_012 (MVD 9 raw)	1		P	2	6/26/2026	10:09		X												
3	1531010-512 (TP- 2/9 treated)	1		P	2	6/26/2026	10:12		X												
4	1531010-011 (MVD-4R raw)	1		P	2	6/26/2026	11:21		X												
5	1531010_005 (MVD-5 raw)	1		P	2	6/26/2026	11:22		X												
6	1531010_509 (TP-4/5 treated)	1		P	2	6/26/2026	11:18		X												
7	1531010_007 (MVD-7 raw)	1		P	2	6/26/2026	10:40		X												
8	1531010_009 (MVD-8 raw)	1		P	2	6/26/2026	10:42		X												
9	1531010_510 (TP-7/8 treated)	1		P	2	6/26/2026	10:47		X												

Turn Around Time:

☐ RUSH _____ Day TAT

☐ ROUTINE

Temp 5.0 °C on ice (Y/N)

SAMPLED BY:

Ronald Henry

RELINQUISHED BY:

RELINQUISHED BY:

METHOD OF SHIPMENT:

DATE: 6/26/26

TIME: 11:44

DATE:

TIME:

DATE:

TIME:

RECEIVED BY:

RECEIVED BY:

RECEIVED FOR LAB BY:

AT

DATE:

TIME:

DATE:

TIME:

DATE:

TIME: 26 JUN 26 2:20 PM

SPECIAL INSTRUCTIONS: **RAW AND TREATED WATER SAMPLES**