

To: Arkansas River Coalition

Date: November 4, 2025

Thanks for testing your water with us! We test for 55 PFAS compounds. **PFAS detects are highlighted in yellow.** Concentrations are shown in parts per trillion (ppt). Our limit of quantification (LOQ) is 1.0 ppt for each of the 55 PFAS. We do not report detection values below our LOQ.

Your report lists results for each of the EPA regulated PFAS6 compounds (PFOA, PFOS, PFHxS, PFNA, GenX, and PFBS). Values are reported under Additional PFAS for the other 49 PFAS tested only if there has been a detection above 1.0 ppt. Regulatory information for the PFAS6 is located on the next page.

What's In My Water?

Kit# 24065. We found 4 PFAS in this water sample, with a total concentration of 11.3 ppt.

Kit# 24066. We found 7 PFAS in this water sample, with a total concentration of 29 ppt.

Kit# 24068. We found 8 PFAS in this water sample, with a total concentration of 34.9 ppt.

Barcode	WTK_PFAS_24065	WTK_PFAS_24066	WTK_PFAS_24068
Name	Arkansas River Coalition	Arkansas River Coalition	Arkansas River Coalition
Location	Wichita, KS 67216	Wichita, KS 67216	Derby, KS 67037
Comments	Surface Water; Arkansas River; Site 3; Sample sat for 45 min, not fully drain, marked line; 37.62493; -97.298903	Surface Water; Site 4; Arkansas River; Sample sat for 45min, didn't fully drain, marked cup; 37.566848; -97.287267	Surface Water; Arkansas River; Site 5; Sample sat for 60 min, not fully drain, marked line at stop point; 37.543212; -97.274984
Filtration	Unfiltered	Unfiltered	Unfiltered
Sampling Date	10/19/2025 14:15	10/19/2025 15:15	10/19/2025 16:00
Order Number	28947	28947	28947
PFOA	3	2.9	1.9
PFOS	2.8	9.2	10.3
PFHxS	3.1	6.8	11.4
PFNA	< 1.4 ppt	< 1.2 ppt	< 1.2 ppt
GenX	< 1.4 ppt	< 1.2 ppt	< 1.2 ppt
PFBS	2.4	3.7	3.8
Total PFAS (EPA PFAS6)	11.3	22.6	27.4
Additional PFAS			
PFPeA	< 1.4 ppt	1.7	1.2
PFHxA	< 1.4 ppt	2.4	2.5
PFPeS	< 1.4 ppt	< 1.2 ppt	1.4
FHxSA	< 1.4 ppt	2.3	2.4
Total PFAS (All Detected)	11.3	29	34.9

Regulatory Information

EPA has set Maximum Contaminant Level Goals (MCLGs) for each of the PFAS6 compounds. The MCLG is the maximum level for a contaminant in drinking water below which there is no known or expected risk to health, allowing for an adequate margin of safety. MCLGs are non-enforceable public health goals. EPA has set MCLGs of zero for PFOA and PFOS. This reflects the latest science showing that there is no level of exposure to these two PFAS without risk of health impacts. For PFBS, we have listed the EPA's health based value (HBV). [\[Click here to learn more\]](#).

Compound	Final MCLG	Final MCL (enforceable levels)
PFOA	Zero	4.0 ppt
PFOS	Zero	4.0 ppt
PFHxS	10 ppt	10 ppt
PFNA	10 ppt	10 ppt
HFPO-DA (GenX)	10 ppt	10 ppt
PFBS	2000 ppt*	Hazard Index

* EPA health-based value.

55 PFAS Compounds Detected by Cyclopure Analytical Methods

Compound	Abbreviation	CAS#
Perfluorobutanoic Acid	PFBA	375-22-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluorotridecanoic Acid	PFTTrDA	72629-94-8
Perfluorotetradecanoic Acid	PFTeA	376-06-7
Perfluoropropane Sulfonic Acid	PFPrS	423-41-6
Perfluorobutane Sulfonic Acid	PFBS	375-73-5
Perfluoropentane Sulfonic Acid	PFPeS	2706-91-4
Perfluorohexane Sulfonic Acid	PFHxS	355-46-4
Perfluoroheptane Sulfonic Acid	PFHpS	375-92-8
Perfluorooctane Sulfonic Acid	PFOS	1763-23-1
Perfluorononane Sulfonic Acid	PFNS	474511-07-4
Perfluorodecane Sulfonic Acid	PFDS	335-77-3
Perfluorododecane Sulfonic Acid	PFDoS	79780-39-5
4:2 Fluorotelomer Sulfonate	4:2 FTS	414911-30-1
6:2 Fluorotelomer Sulfonate	6:2 FTS	425670-75-3
8:2 Fluorotelomer Sulfonate	8:2 FTS	481071-78-7
10:2 Fluorotelomer Sulfonate	10:2 FTS	120226-60-0

Perfluorobutane Sulfonamide	FBSA	30334-69-1
N-Methylperfluorobutanesulfonamide	MeFBSA	68298-12-4
Perfluorohexane Sulfonamide	FHxSA	41997-13-1
Perfluorooctane Sulfonamide	PFOSA	754-91-6
Perfluorodecane Sulfonamide	FDSA	N/A
N-Ethylperfluorooctane-1-Sulfonamide	NEtFOSA	4151-50-2
N-Methylperfluorooctane-1-Sulfonamide	NMeFOSA	31506-32-8
Perfluorooctane Sulfonamido Acetic Acid	FOSAA	2806-24-8
N-Ethyl Perfluorooctane Sulfonamido Acetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctane Sulfonamido Acetic Acid	NMeFOSAA	2355-31-9
N-methyl perfluorooctanesulfonamidoethanol	NMeFOSE	24448-09-7
N-ethyl perfluorooctanesulfonamidoethanol	NEtFOSE	1691-99-2
Hexafluoropropylene Oxide Dimer Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3H-Perfluorononanoate	ADONA	919005-14-4
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Perfluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF30NS	756426-58-1
11-Chloroeicosafluoro-3-Oxanonane-1-Sulfonic Acid	11Cl-PF30UdS	763051-92-9
Perfluoro(2-ethoxyethane) Sulfonic acid	PFEESA	113507-82-7
Perfluoro-4-ethylcyclohexane Sulfonic Acid	PFECHS	646-83-3
8-Chloroperfluoro-1-Octanesulfonic Acid	8Cl-PFOS	777011-38-8
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5
2h,2h,3h,3h-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoroheptyl propanoic acid	7:3FTCA	812-70-4
2H-Perfluoro-2-dodecenoic acid	FDUEA	70887-94-4
2H-perfluoro-2-decenoic acid	FOUEA	70887-84-2
Bis(perfluorohexyl)phosphinic acid	6:6PFPI	40143-77-9
(Heptadecafluorooctyl)(tridecafluorohexyl) Phosphinic Acid	6:8PFPI	610800-34-5
Bis(perfluorooctyl)phosphinic acid	8:8PFPI	40143-79-1
N-(3-dimethylaminopropan-1-yl) perfluoro-1-hexanesulfonamide	N-AP-FHxSA	50598-28-2