

## PFAS TESTING RESULTS

ACWWA is committed to providing safe, high-quality water that meets all state and federal regulations. We continue to work with the Colorado Department of Public Health and Environment (CDPHE) to understand how future EPA regulations for PFAS will be implemented in Colorado. Beginning in 2023, ACWWA will increase its water sampling/testing to once a quarter in order to ensure we stay ahead of monitoring requirements, communicate updates to our customers, develop mitigation strategy, and evaluate available funding options.

### **ARAPAHOE COUNTY WATER AND WASTEWATER AUTHORITY (ACWWA) PUBLIC WATER SYSTEM ID # CO0203002 - 2022 Sampling Results**

EPA Interim Health Advisory Limit = Date Collected = Source Analysis Method =	PFOS		PFPeA	PFHxA		PFBA	PFOA	PFBS		PFHxS	
	0.02 ppt						0.004 ppt	2000 ppt (final)			
	7/15/2022	7/25/2022	7/15/2022	7/15/2022	7/25/2022	7/15/2022	7/25/2022	7/15/2022	7/25/2022	7/15/2022	7/25/2022
	533	537.1	533	533	537.1	533	537.1	533	537.1	533	537.1
Deep Well: Denmark	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
Deep Well: Airport	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
Deep Well: A2	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
Deep Well: A1	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
Deep Well: CA2 and CD2R (combined)	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect	Non Detect
Joint Water Purification Plant	Non Detect	Non Detect	2.6 ppt	2.2 ppt	4.7 ppt	3.2 ppt	3.8 ppt	Non Detect	4.6 ppt	Non Detect	Non Detect
ACWWA Flow	3.2 ppt	3.8 ppt	Non Detect	Non Detect	Non Detect	4 ppt	2.2 ppt	2.1 ppt	2.3 ppt	2.2 ppt	2.3 ppt

#### GLOSSARY OF ACRONYMS

ppt = Concentration in parts per trillion. 1 ppt is equal to 1 ng/L (nanogram per liter).

PFAS = Perfluoroalkyl substances are long lasting chemicals used in a wide range of consumer products and industrial uses.

PFOS = Perfluorooctanoic sulfonic acid is used to make products more resistant to stains, grease, and water.

PFPeA = Perfluoropentanoic acid is a member of a group of perfluorinated chemicals used in many consumer products.

PFHxA = Perfluorohexanoic acid is a breakdown product of other PFAS that are used in stain-resistant fabrics, paper food packaging, and carpets.

PFBA = Perfluorobutanoic acid is commonly used in non-stick and stain-resistant consumer products, food packaging, fire-fighting foam, and industrial processes.

PFOA = Perfluorooctanoic acid is used in the manufacture of non-stick cookware, stain-resistant carpet, water-repellent clothes, grease-resistant packaging, ski wax, and fire fighting foams.

PFBS = Perfluorobutane sulfonate is commonly used in non-stick and stain-resistant consumer products, food packaging, fire-fighting foam, and industrial processes.

PFHxS = Perfluorohexane sulfonate is used in many consumer products for their non-stick and water-, grease-, stain-resistant properties, and also in firefighting foams.