

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. In 2023, ACWWA has committed to PFAS sampling/testing once per quarter to ensure we communicate updates to our customers, develop mitigation strategies, and evaluate available funding options.

2023 Sampling Data	Contaminant=	PFOA		PFOS		PFNA		PFHxS		PFBS		HFPO-DA	
	EPA Proposed MCL=	4ppt		4ppt		Hazard Index		Hazard Index		Hazard Index		Hazard Index	
Date	Entry Points and other Source	533	537.1	533	537.1	533	537.1	533	537.1	533	537.1	533	537.1
11/16/2023	1MG Storage Tank	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
8/2/2023	1MG Storage Tank *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
5/23/2023	1MG Storage Tank	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
2/8/2023	1MG Storage Tank *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
11/16/2023	4MG Storage Tank	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
5/23/2023	4MG Storage Tank	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
3/1/2023	4MG Storage Tank	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
8/2/2023	Deep Well: Airport *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
2/8/2023	Deep Well: Airport *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
8/2/2023	Deep Well: A2 *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
2/8/2023	Deep Well: A2 *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
8/2/2023	Deep Well: A1 *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
2/8/2023	Deep Well: A1 *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
8/2/2023	Deep Well: CA2 and CD2R *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
2/8/2023	Deep Well: CA2 and CD2R *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
11/16/2023	Joint Water Purification Plant	3.3ppt	3.3ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	4ppt	3.9ppt	<2ppt	<1.9ppt
9/11/2023	Joint Water Purification Plant *UCMR5 RL's	4ppt		<4ppt		<4ppt		<3ppt		4.7ppt		<5ppt	
8/2/2023	Joint Water Purification Plant *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		4.5ppt		<5ppt	
5/23/2023	Joint Water Purification Plant	2.3ppt	2.3ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	3ppt	2.4ppt	<2ppt	<1.9ppt
3/7/2023	Joint Water Purification Plant *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		4.5ppt		<5ppt	
3/1/2023	Joint Water Purification Plant	2.8ppt	2.7ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	3.7ppt	3.3ppt	<2ppt	<1.9ppt
2/8/2023	Joint Water Purification Plant *UCMR5 RL's	4.6ppt		<4ppt		<4ppt		<3ppt		6.1ppt		<5ppt	
11/16/2023	ACWWA Flow	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
8/2/2023	ACWWA Flow *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	
5/23/2023	ACWWA Flow	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt	<2ppt	<1.9ppt
2/8/2023	ACWWA Flow *UCMR5 RL's	<4ppt		<4ppt		<4ppt		<3ppt		<3ppt		<5ppt	

GLOSSARY OF ACRONYMS

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

2022 Sampling Data	Contaminant=	PFOS		PFPeA	PFHxA		PFBA	PFOA	PFBS		PFHxS	
	EPA Interim Health Advisory Limit=	0.02ppt						0.004ppt	2000ppt (final)			
	Date Collected=	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
	Analysis Method=	533	537.1	533	533	537.1	533	537.1	533	537.1	533	537.1
Source												
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	2.6ppt	2.2ppt	4.7ppt	3.2ppt	3.8ppt	Non-Detect	4.6ppt	Non-Detect	Non-Detect
ACWWA Flow		3.2ppt	3.8ppt	Non-Detect	Non-Detect	Non-Detect	4ppt	2.2ppt	2.1ppt	2.3ppt	2.2ppt	2.3ppt