

Madison Water Utility PFAS Test Results - March 2023

<i>Source</i>	Well 06	Well 07	Well 09	Well 11	Well 12	Well 13	Well 16	Well 18	Well 19	Well 20	Well 25	Well 26	Well 27	Well28	Well29	Well 30	Well 31			
<i>Sample Date</i>	27-Mar	29-Mar	27-Mar	27-Mar	29-Mar	27-Mar	27-Mar	27-Mar	29-Mar	29-Mar	29-Mar	27-Mar	27-Mar	29-Mar	29-Mar	29-Mar	29-Mar			
<i>PFAS Compound</i>	<i>Laboratory</i>	<i>Lab Method</i>																		
	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	PFAS	
	533	537.1	533	533	537.1	533	533	533	537.1	537.1	537.1	533	533	537.1	537.1	537.1	537.1	537.1		
Perfluorooctanoic acid	PFOA	0.98	0.71	0.50	0.61	<0.49	0.80	0.90	<0.35	<0.49	<0.47	<0.48	0.67	0.65	<0.48	<0.48	<0.49	<0.48	PFOA	
Perfluorooctanesulfonic acid	PFOS	0.45	<0.51	0.42	0.59	<0.52	<0.37	1.6	<0.36	<0.52	<0.50	<0.51	1.1	<0.39	<0.51	<0.51	<0.52	<0.51	PFOS	
Perfluorobutanoic acid	PFBA	2.1	n/a	41	4.5	n/a	2.1	1.7	<0.47	n/a	n/a	n/a	1.5	1.5	n/a	n/a	n/a	n/a	PFBA	
Perfluoropentanoic acid	PFPeA	1.0	n/a	0.97	0.52	n/a	1.4	1.1	<0.35	n/a	n/a	n/a	0.44	1.0	n/a	n/a	n/a	n/a	PFPeA	
Perfluorohexanoic acid	PFHxA	1.1	<0.61	0.69	0.48	<0.62	1.4	0.91	<0.38	<0.62	<0.59	<0.61	<0.40	0.74	<0.61	<0.60	<0.62	<0.61	PFHxA	
Perfluoroheptanoic acid	PFHpA	0.43	<0.50	<0.38	<0.38	<0.51	0.52	0.41	<0.36	<0.51	<0.49	<0.50	<0.38	<0.40	<0.50	<0.50	<0.51	<0.50	PFHpA	
Perfluorononanoic acid	PFNA	<0.35	<0.47	<0.36	<0.36	<0.47	<0.36	<0.35	<0.35	<0.48	<0.45	<0.46	<0.36	<0.38	<0.46	<0.46	<0.47	<0.46	PFNA	
Perfluorodecanoic acid	PFDA	<0.33	<0.58	<0.34	<0.34	<0.59	<0.34	<0.34	<0.33	<0.59	<0.56	<0.58	<0.34	<0.36	<0.58	<0.58	<0.59	<0.58	PFDA	
Perfluoroundecanoic acid	PFUnA	<0.35	<0.61	<0.36	<0.36	<0.62	<0.36	<0.35	<0.35	<0.62	<0.59	<0.61	<0.36	<0.38	<0.61	<0.60	<0.62	<0.61	PFUnA	
Perfluorododecanoic acid	PFDoA	<0.33	<0.61	<0.33	<0.33	<0.62	<0.33	<0.33	<0.32	<0.62	<0.59	<0.61	<0.33	<0.35	<0.61	<0.60	<0.62	<0.61	PFDoA	
Perfluorotridecanoic acid	PFTrDA	n/a	<0.58	n/a	n/a	<0.59	n/a	n/a	n/a	<0.59	<0.56	<0.58	n/a	n/a	<0.58	<0.58	<0.59	<0.58	PFTrDA	
Perfluorotetradecanoic acid	PFTeDA	n/a	<0.63	n/a	n/a	<0.63	n/a	n/a	n/a	<0.64	<0.61	<0.63	n/a	n/a	<0.63	<0.62	<0.64	<0.63	PFTeDA	
Perfluorobutanesulfonic acid	PFBS	1.2	<0.69	1.3	0.61	<0.69	1.2	0.83	<0.38	<0.70	<0.67	<0.68	0.44	0.65	<0.68	<0.68	<0.70	<0.68	PFBS	
Perfluoropentane sulfonic acid	PFPeS	0.71	n/a	<0.35	<0.35	n/a	<0.35	<0.34	<0.34	n/a	n/a	n/a	<0.35	<0.37	n/a	n/a	n/a	n/a	PFPeS	
Perfluorohexanesulfonic acid	PFHxS	6.3	1.0	1.3	1.9	<0.43	2.1	2.2	0.43	<0.44	<0.41	<0.42	1.1	1.5	<0.42	<0.42	<0.43	<0.42	PFHxS	
Perfluoroheptane sulfonic acid	PFHpS	<0.41	n/a	<0.42	<0.42	n/a	<0.41	<0.41	<0.40	n/a	n/a	n/a	<0.42	<0.44	n/a	n/a	n/a	n/a	PFHpS	
N-Methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	n/a	<0.60	n/a	n/a	<0.61	n/a	n/a	n/a	<0.61	<0.58	<0.60	n/a	n/a	<0.60	<0.60	<0.61	<0.60	NMeFOSAA	
N-Ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	n/a	<0.49	n/a	n/a	<0.50	n/a	n/a	n/a	<0.50	<0.48	<0.49	n/a	n/a	<0.49	<0.49	<0.50	<0.49	NEtFOSAA	
4:2 Fluorotelomer sulfonic acid	4:2 FTS	<0.52	n/a	<0.53	<0.53	n/a	<0.52	<0.52	<0.51	n/a	n/a	n/a	<0.53	<0.56	n/a	n/a	n/a	n/a	4:2 FTS	
6:2 Fluorotelomer sulfonic acid	6:2 FTS	<0.63	n/a	<0.65	<0.64	n/a	<0.64	<0.63	<0.62	n/a	n/a	n/a	<0.65	<0.68	n/a	n/a	n/a	n/a	6:2 FTS	
8:2 Fluorotelomer sulfonic acid	8:2 FTS	<0.53	n/a	<0.54	<0.54	n/a	<0.53	<0.53	<0.52	n/a	n/a	n/a	<0.54	<0.57	n/a	n/a	n/a	n/a	8:2 FTS	
ADONA	ADONA	<0.37	<0.47	<0.38	<0.38	<0.48	<0.37	<0.37	<0.36	<0.48	<0.46	<0.47	<0.38	<0.40	<0.47	<0.47	<0.48	<0.47	ADONA	
F-53B Major (9Cl-PF3ONS)	F-35B Major	<0.42	<0.62	<0.43	<0.43	<0.63	<0.42	<0.42	<0.41	<0.63	<0.60	<0.62	<0.43	<0.45	<0.62	<0.61	<0.63	<0.62	F-35B Major	
F-53B Minor (11Cl-PF3OUdS)	F-35B Minor	<0.47	<0.62	<0.48	<0.48	<0.63	<0.48	<0.47	<0.47	<0.63	<0.60	<0.62	<0.49	<0.51	<0.62	<0.61	<0.63	<0.62	F-35B Minor	
HFPA-DA / HFPO-DA / GenX	Genx	<0.49	<0.60	<0.50	<0.50	<0.61	<0.50	<0.49	<0.48	<0.61	<0.58	<0.60	<0.51	<0.53	<0.60	<0.60	<0.61	<0.60	Genx	
Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	<0.87	n/a	<0.88	<0.88	n/a	<0.87	<0.87	<0.85	n/a	n/a	n/a	<0.89	<0.93	n/a	n/a	n/a	n/a	NFDHA	
Perfluoro (2-ethoxyethane) sulfonic acid	PFEESA	<0.42	n/a	<0.43	<0.43	n/a	<0.42	<0.42	<0.41	n/a	n/a	n/a	<0.43	<0.45	n/a	n/a	n/a	n/a	PFEESA	
Perfluoro-3-methoxypropanoic acid	PFMPA	<0.30	n/a	<0.30	<0.30	n/a	<0.30	<0.30	<0.29	n/a	n/a	n/a	<0.31	<0.32	n/a	n/a	n/a	n/a	PFMPA	
Perfluoro-4-methoxybutanoic acid	PFMBA	<0.33	n/a	<0.33	<0.33	n/a	<0.33	<0.33	<0.32	n/a	n/a	n/a	<0.33	<0.35	n/a	n/a	n/a	n/a	PFMBA	
PFOA+PFOS		1.4	0.7	0.9	1.2	ND	0.8	2.5	ND	ND	ND	ND	1.8	0.7	ND	ND	ND	ND		
Wisconsin MCL, PFOA + PFOS		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	
Combined PFAS		14	1.7	46	9.2	ND	9.5	9.7	0.4	ND	ND	ND	5.3	6.0	ND	ND	ND	ND		

NOTES:

All results in ng/L or parts per trillion (ppt)
 Faded results with < indicate PFAS was not detected
 at the reported detection limit

MCL - Maximum Contaminant Level
 ND - none detected
 n/a - not analyzed

Lab: EEA - Eurofins Eaton Analytical