

## Madison Water Utility PFAS Test Results - August to November 2023

<i>Source</i>	Well 06	Well 07	Well 09	Well 11	Well 12	Well 13	Well 14	Well 14	Well 16	Well 17	Well 17	Well 18	Well 19	Well 24	Well 25	Well 26	Well 27	Well 28	Well 29	Well 30	Well 31			
<i>Sample Date</i>	2-Oct	5-Oct	10-Oct	3-Oct	4-Oct	3-Oct	8-Aug	2-Oct	4-Oct	8-Aug	2-Oct	4-Oct	9-Oct	1-Aug	10-Oct	13-Nov	9-Oct	9-Oct	3-Oct	5-Oct	5-Oct			
<i>Laboratory</i>	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA		
<i>Lab Method</i>	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	533	UCMR5	UCMR5	533	UCMR5	UCMR5	UCMR5	537.1	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	PFAS	
<b>Perfluorooctanoic acid</b>	<b>PFOA</b>	<3.9	<4.0	<3.9	<4.0	<4.0	<4.0	<b>1.9</b>	<3.9	<4.0	<1.9	<3.9	<4.0	<3.9	<1.9	<4.0	<4.0	<3.9	<3.9	<4.0	<4.0	<4.0	<b>PFOA</b>	
Perfluorooctanesulfonic acid	PFOS	<3.9	<4.0	<3.9	<4.0	<4.0	<4.0	<1.9	<3.9	<4.0	<1.9	<3.9	<4.0	<3.9	<1.9	<4.0	<4.0	<3.9	<3.9	<4.0	<4.0	<4.0	PFOS	
<b>Perfluorobutanoic acid</b>	<b>PFBA</b>	<4.9	<5.0	<b>46</b>	<5.0	<5.0	<5.0	<b>3.9</b>	<4.9	<5.0	<1.9	<4.9	<5.0	<4.9	n/a	<4.9	<5.0	<4.9	<4.9	<5.0	<5.0	<5.0	<b>PFBA</b>	
<b>Perfluoropentanoic acid</b>	<b>PFPeA</b>	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<b>2.2</b>	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	n/a	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	<b>PFPeA</b>	
<b>Perfluorohexanoic acid</b>	<b>PFHxA</b>	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<b>2.2</b>	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	<b>PFHxA</b>	
Perfluoroheptanoic acid	PFHpA	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	PFHpA	
Perfluorononanoic acid	PFNA	<3.9	<4.0	<3.9	<4.0	<4.0	<4.0	<1.9	<3.9	<4.0	<1.9	<3.9	<4.0	<3.9	<1.9	<4.0	<4.0	<3.9	<3.9	<4.0	<4.0	<4.0	PFNA	
Perfluorodecanoic acid	PFDA	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	PFDA	
Perfluoroundecanoic acid	PFUnA	<1.9	<2.0	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.0	<2.0	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<2.0	<2.0	<2.0	PFUnA	
Perfluorododecanoic acid	PFDoA	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	PFDoA	
Perfluorotridecanoic acid	PFTTrDA	<6.6	<6.5	<6.6	<6.7	<7.0	<6.6	n/a	<6.6	<6.7	n/a	<6.6	<7.0	<6.6	<1.9	<6.6	<6.5	<6.6	<6.5	<6.5	<6.5*	<6.6*	PFTTrDA	
Perfluorotetradecanoic acid	PFTeDA	<7.5	<7.4	<7.6	<7.6	<8.0	<7.6	n/a	<7.6	<7.6	n/a	<7.5	<8.0	<7.5	<1.9	<7.5	<7.4	<7.5	<7.5	<7.4	<7.5*	<7.5*	PFTeDA	
<b>Perfluorobutanesulfonic acid</b>	<b>PFBS</b>	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<b>2.1</b>	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	<b>PFBS</b>	
Perfluoropentane sulfonic acid	PFPeS	<3.9	<4.0	<3.9	<4.0	<4.0	<4.0	<1.9	<3.9	<4.0	<1.9	<3.9	<4.0	<3.9	n/a	<4.0	<4.0	<3.9	<3.9	<4.0	<4.0	<4.0	PFPeS	
<b>Perfluorohexanesulfonic acid</b>	<b>PFHxS</b>	<b>6.6</b>	<3.0	<2.9	<3.0	<3.0	<3.0	<b>4.6</b>	<b>4.6</b>	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	<b>PFHxS</b>	
Perfluoroheptane sulfonic acid	PFHpS	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	n/a	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	PFHpS	
N-Methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	<5.6	<5.6	<5.7	<5.7	<6.0	<5.7	n/a	<5.7	<5.7	n/a	<5.6	<6.0	<5.6	<1.9	<5.7	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6*	<5.6*	NMeFOSAA
N-Ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	<4.7	<4.7	<4.7	<4.8	<5.0	<4.7	n/a	<4.7	<4.8	n/a	<4.7	<5.0	<4.7	<1.9	<4.7	<4.7	<4.7	<4.7	<4.6	<4.7*	<4.7*	NEtFOSAA	
4:2 Fluorotelomer sulfonic acid	4:2 FTS	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	n/a	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	4:2 FTS	
6:2 Fluorotelomer sulfonic acid	6:2 FTS	<4.9	<5.0	<4.9	<5.0	<5.0	<5.0	<1.9	<4.9	<5.0	<1.9	<4.9	<5.0	<4.9	n/a	<4.9	<5.0	<4.9	<4.9	<5.0	<5.0	<5.0	6:2 FTS	
8:2 Fluorotelomer sulfonic acid	8:2 FTS	<4.9	<5.0	<4.9	<5.0	<5.0	<5.0	<1.9	<4.9	<5.0	<1.9	<4.9	<5.0	<4.9	n/a	<4.9	<5.0	<4.9	<4.9	<5.0	<5.0	<5.0	8:2 FTS	
ADONA	ADONA	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	<1.9	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	ADONA	
F-53B Major (9Cl-PF3ONS)	F-35B Major	<1.9	<2.0	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<2.0	<1.9	<2.0	<2.0	<1.9	<1.9	<2.0	<2.0	<2.0	<1.9	<2.0	<2.0	<2.0	F-35B Major	
F-53B Minor (11Cl-PF3OUdS)	F-35B Minor	<4.9	<5.0	<4.9	<5.0	<5.0	<5.0	<1.9	<4.9	<5.0	<1.9	<4.9	<5.0	<4.9	<1.9	<4.9	<5.0	<4.9	<4.9	<5.0	<5.0	<5.0	F-35B Minor	
HFPA-DA / HFPO-DA / GenX	Genx	<4.9	<5.0	<4.9	<5.0	<5.0	<5.0	<1.9	<4.9	<5.0	<1.9	<4.9	<5.0	<4.9	<1.9	<4.9	<5.0	<4.9	<4.9	<5.0	<5.0	<5.0	Genx	
Nonfluoro-3,6-dioxahheptanoic acid	NFDHA	<19.5	<20.0	<19.4	<20.0	<20.0	<20.0	<1.9	<19.5	<20.0	<1.9	<19.5	<20.0	<19.4	n/a	<19.8	<20.0	<19.7	<19.4	<20.0	<20.0	<20.0	NFDHA	
Perfluoro (2-ethoxyethane) sulfonic acid	PFEESA	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	n/a	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	PFEESA	
Perfluoro-3-methoxypropanoic acid	PFMPA	<3.9	<4.0	<3.9	<4.0	<4.0	<4.0	<1.9	<3.9	<4.0	<1.9	<3.9	<4.0	<3.9	n/a	<4.0	<4.0	<3.9	<3.9	<4.0	<4.0	<4.0	PFMPA	
Perfluoro-4-methoxybutanoic acid	PFMBA	<2.9	<3.0	<2.9	<3.0	<3.0	<3.0	<1.9	<2.9	<3.0	<1.9	<2.9	<3.0	<2.9	n/a	<3.0	<3.0	<3.0	<2.9	<3.0	<3.0	<3.0	PFMBA	
PFOA+PFOS		ND	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	70	70	70		
Combined PFAS		6.6	ND	46	ND	ND	ND	17	4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	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  
 UCMR5 - Unregulated Contaminant Monitoring Rule, Cycle 5  
 analysis included EPA Method 533 & 537.1 (4 PFAS only)

\* Sampled 11/13/2023