

Madison Water Utility - 2024 PFAS Test Results

PFAS: 2024			Source	Well 06	Well 06	Well 07	Well 07	Well 09	Well 09	Well 11	Well 11	Well 12	Well 12	Well 13	Well 13	Well 13	Well 14	Well 14	Well 16	Well 16	Well 17	Well 18	Well 18
			Sample Date	4/3	10/24	4/11	10/15	4/4	10/15	4/4	10/15	4/3	10/9	4/2	5/14	10/15	10/7	10/14	4/3	10/14	10/8	4/2	10/14
			Laboratory	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA
			Lab Method	UCMR5	533	UCMR5	533	UCMR5	533	UCMR5	533	UCMR5	537.1	UCMR5	UCMR5	533	UCMR5	533	UCMR5	533	UCMR5	UCMR5	533
			MCL / HBV																				
Perfluorooctanoic acid	PFOA	MCL: 4		<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	n/a	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<4.0	<1.9
Perfluorooctanesulfonic acid	PFOS	MCL: 4		<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	n/a	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<4.0	<1.9
Perfluorobutanoic acid	PFBA	--		<5.0	<1.9	<5.0	<1.9	46.5	36	<5.0	4.0	<5.0	n/a	n/a	<5.0	<1.9	<5.0	3.2	<5.0	<1.9	<5.0	<5.0	<1.9
Perfluoropentanoic acid	PFPeA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	n/a	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluorohexanoic acid	PFHxA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluoroheptanoic acid	PFHpA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluorononanoic acid	PFNA	HBV: 10		<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	n/a	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<4.0	<1.9
Perfluorodecanoic acid	PFDA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluoroundecanoic acid	PFUnA	--		<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	n/a	<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	<2.0	<2.0	<1.9
Perfluorododecanoic acid	PFDoA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluorotridecanoic acid	PFTrDA	--		<6.5	n/a	<7.0	n/a	<6.5	n/a	<6.6	n/a	<6.6	<1.9	<6.6	n/a	n/a	<6.6	n/a	<7.0	n/a	<7.0	<6.5	n/a
Perfluorotetradecanoic acid	PFTeDA	--		<7.4	n/a	<8.0	n/a	<7.4	n/a	<7.5	n/a	<7.5	<1.9	<7.5	n/a	n/a	<7.6	n/a	<8.0	n/a	<8.0	<7.4	n/a
Perfluorobutanesulfonic acid	PFBS	HBV: 2000		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluoropentane sulfonic acid	PFPeS	--		<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	n/a	n/a	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<4.0	<1.9
Perfluorohexanesulfonic acid	PFHxS	HBV: 10		7.3	6.6	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	4.8	3.7	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluoroheptane sulfonic acid	PFHpS	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	n/a	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
N-Methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	--		<5.6	n/a	<6.0	n/a	<5.6	n/a	<5.6	n/a	<5.6	<1.9	<5.6	n/a	n/a	<5.7	n/a	<6.0	n/a	<6.0	<5.6	n/a
N-Ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	--		<4.6	n/a	<5.0	n/a	<4.6	n/a	<4.7	n/a	<4.7	<1.9	<4.7	n/a	n/a	<4.7	n/a	<5.0	n/a	<5.0	<4.7	n/a
4:2 Fluorotelomer sulfonic acid	4:2 FTS	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	n/a	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
6:2 Fluorotelomer sulfonic acid	6:2 FTS	--		<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	n/a	n/a	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<5.0	<1.9
8:2 Fluorotelomer sulfonic acid	8:2 FTS	--		<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	n/a	n/a	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<5.0	<1.9
ADONA	ADONA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
F-53B Major (9CI-PF3ONS)	F-35B Major	--		<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	n/a	<2.0	<1.9	<2.0	<1.9	<2.0	<1.9	<2.0	<2.0	<1.9
F-53B Minor (11CI-PF3OUdS)	F-35B Minor	--		<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	n/a	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<5.0	<1.9
HFPA-DA / HFPO-DA / GenX	Genx	HBV: 10		<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	n/a	<5.0	<1.9	<5.0	<1.9	<5.0	<1.9	<5.0	<5.0	<1.9
Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	--		<20.0	<1.9	<20.0	<1.9	<20.0	<1.9	<20.0	<1.9	<20.0	n/a	n/a	<20.0	<1.9	<20.0	<1.9	<20.0	<1.9	<20.0	<20.0	<1.9
Perfluoro (2-ethoxyethane) sulfonic acid	PFEESA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	n/a	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9
Perfluoro-3-methoxypropanoic acid	PFMPA	--		<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	n/a	n/a	<4.0	<1.9	<4.0	<1.9	<4.0	<1.9	<4.0	<4.0	<1.9
Perfluoro-4-methoxybutanoic acid	PFMBA	--		<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	n/a	n/a	<3.0	<1.9	<3.0	<1.9	<3.0	<1.9	<3.0	<3.0	<1.9

NOTES:

Results in ng/L or parts per trillion (ppt)
Lab: EEA - Eurofins Eaton Analytical
n/a = not analyzed

MCL = Maximum Contaminant Level: the regulatory limit
HBV = Health-Based Value: the highest level below which there is no risk of health effects
Faded results with < indicate PFAS was not detect at the reported detection limit

UCMR5 = Unregulated Contaminant Monitoring Rule, Cycle 5
analysis included EPA Method 533 & 537.1 (4 PFAS only)

Madison Water Utility - 2024 PFAS Test Results

PFAS: 2024	Source		Well 19	Well 19	Well 20	Well 20	Well 24	Well 24	Well 25	Well 25	Well 26	Well 27	Well 27	Well 28	Well 28	Well 29	Well 29	Well 30	Well 30	Well 31	Well31
	Sample Date		4/9	9/18	4/10	10/7	4/2	10/8	4/11	10/9	4/10	4/4	10/14	4/10	10/9	4/11	10/9	4/9	10/9	4/9	10/9
	Laboratory		EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA	EEA
	Lab Method		UCMR5	537.1	UCMR5	UCMR5	UCMR5	UCMR5	UCMR5	537.1	UCMR5	UCMR5	533	UCMR5	537.1	UCMR5	537.1	UCMR5	537.1	UCMR5	537.1
MCL / HBV																					
Perfluorooctanoic acid	PFOA	MCL: 4	<4.0	<2.0	<4.0	<4.0	<3.8	<4.0	<4.0	<1.9	<3.8	<4.0	<2.0	<4.0	<2.0	<4.0	<1.9	<4.0	<2.0	<4.0	<1.9
Perfluorooctanesulfonic acid	PFOS	MCL: 4	<4.0	<2.0	<4.0	<4.0	<3.8	<4.0	<4.0	<1.9	<3.8	<4.0	<2.0	<4.0	<2.0	<4.0	<1.9	<4.0	<2.0	<4.0	<1.9
Perfluorobutanoic acid	PFBA	--	<5.0	n/a	<5.0	<5.0	<4.8	<5.0	<5.0	n/a	<4.8	<5.0	<2.0	<5.0	n/a	<5.0	n/a	<5.0	n/a	<5.0	n/a
Perfluoropentanoic acid	PFPeA	--	<3.0	n/a	<3.0	<3.0	<2.9	<3.0	<3.0	n/a	<2.9	<3.0	<2.0	<3.0	n/a	<3.0	n/a	<3.0	n/a	<3.0	n/a
Perfluorohexanoic acid	PFHxA	--	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
Perfluoroheptanoic acid	PFHpA	--	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
Perfluorononanoic acid	PFNA	HBV: 10	<4.0	<2.0	<4.0	<4.0	<3.8	<4.0	<4.0	<1.9	<3.8	<4.0	<2.0	<4.0	<2.0	<4.0	<1.9	<4.0	<2.0	<4.0	<1.9
Perfluorodecanoic acid	PFDA	--	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
Perfluoroundecanoic acid	PFUnA	--	<2.0	<2.0	<2.0	<2.0	<1.9	<2.0	<2.0	<1.9	<1.9	<2.0	<2.0	<2.0	<2.0	<2.0	<1.9	<2.0	<2.0	<2.0	<1.9
Perfluorododecanoic acid	PFDoA	--	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
Perfluorotridecanoic acid	PFTrDA	--	<6.5	<2.0	<6.5	<7.0	<6.7	<7.0	<6.6	<1.9	<6.5	<6.5	n/a	<6.5	<2.0	<7.0	<1.9	<6.6	<2.0	<6.6	<1.9
Perfluorotetradecanoic acid	PFTeDA	--	<7.5	<2.0	<7.5	<8.0	<7.6	<8.0	<7.6	<1.9	<7.4	<7.4	n/a	<7.4	<2.0	<8.0	<1.9	<7.5	<2.0	<7.5	<1.9
Perfluorobutanesulfonic acid	PFBS	HBV: 2000	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
Perfluoropentane sulfonic acid	PFPeS	--	<4.0	n/a	<4.0	<4.0	<3.8	<4.0	<4.0	n/a	<3.8	<4.0	<2.0	<4.0	n/a	<4.0	n/a	<4.0	n/a	<4.0	n/a
Perfluorohexanesulfonic acid	PFHxS	HBV: 10	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
Perfluoroheptane sulfonic acid	PFHpS	--	<3.0	n/a	<3.0	<3.0	<2.9	<3.0	<3.0	n/a	<2.9	<3.0	<2.0	<3.0	n/a	<3.0	n/a	<3.0	n/a	<3.0	n/a
N-Methyl perfluorooctane sulfonamidoacetic acid	NMeFOSAA	--	<5.6	<2.0	<5.6	<6.0	<5.7	<6.0	<5.7	<1.9	<5.6	<5.6	n/a	<5.6	<2.0	<6.0	<1.9	<5.6	<2.0	<5.6	<1.9
N-Ethyl perfluorooctane sulfonamidoacetic acid	NEtFOSAA	--	<4.7	<2.0	<4.7	<5.0	<4.8	<5.0	<4.7	<1.9	<4.6	<4.7	n/a	<4.6	<2.0	<5.0	<1.9	<4.7	<2.0	<4.7	<1.9
4:2 Fluorotelomer sulfonic acid	4:2 FTS	--	<3.0	n/a	<3.0	<3.0	<2.9	<3.0	<3.0	n/a	<2.9	<3.0	<2.0	<3.0	n/a	<3.0	n/a	<3.0	n/a	<3.0	n/a
6:2 Fluorotelomer sulfonic acid	6:2 FTS	--	<5.0	n/a	<5.0	<5.0	<4.8	<5.0	<5.0	n/a	<4.8	<5.0	<2.0	<5.0	n/a	<5.0	n/a	<5.0	n/a	<5.0	n/a
8:2 Fluorotelomer sulfonic acid	8:2 FTS	--	<5.0	n/a	<5.0	<5.0	<4.8	<5.0	<5.0	n/a	<4.8	<5.0	<2.0	<5.0	n/a	<5.0	n/a	<5.0	n/a	<5.0	n/a
ADONA	ADONA	--	<3.0	<2.0	<3.0	<3.0	<2.9	<3.0	<3.0	<1.9	<2.9	<3.0	<2.0	<3.0	<2.0	<3.0	<1.9	<3.0	<2.0	<3.0	<1.9
F-53B Major (9Cl-PF3ONS)	F-35B Major	--	<2.0	<2.0	<2.0	<2.0	<1.9	<2.0	<2.0	<1.9	<1.9	<2.0	<2.0	<2.0	<2.0	<2.0	<1.9	<2.0	<2.0	<2.0	<1.9
F-53B Minor (11Cl-PF3OUdS)	F-35B Minor	--	<5.0	<2.0	<5.0	<5.0	<4.8	<5.0	<5.0	<1.9	<4.8	<5.0	<2.0	<5.0	<2.0	<5.0	<1.9	<5.0	<2.0	<5.0	<1.9
HFPA-DA / HFPO-DA / GenX	Genx	HBV: 10	<5.0	<2.0	<5.0	<5.0	<4.8	<5.0	<5.0	<1.9	<4.8	<5.0	<2.0	<5.0	<2.0	<5.0	<1.9	<5.0	<2.0	<5.0	<1.9
Nonafluoro-3,6-dioxaheptanoic acid	NFDHA	--	<20.0	n/a	<20.0	<20.0	<19.0	<20.0	<20.0	n/a	<19.0	<20.0	<2.0	<20.0	n/a	<20.0	n/a	<20.0	n/a	<20.1	n/a
Perfluoro (2-ethoxyethane) sulfonic acid	PFEESA	--	<3.0	n/a	<3.0	<3.0	<2.9	<3.0	<3.0	n/a	<2.9	<3.0	<2.0	<3.0	n/a	<3.0	n/a	<3.0	n/a	<3.0	n/a
Perfluoro-3-methoxypropanoic acid	PFMPA	--	<4.0	n/a	<4.0	<4.0	<3.8	<4.0	<4.0	n/a	<3.8	<4.0	<2.0	<4.0	n/a	<4.0	n/a	<4.0	n/a	<4.0	n/a
Perfluoro-4-methoxybutanoic acid	PFMBA	--	<3.0	n/a	<3.0	<3.0	<2.9	<3.0	<3.0	n/a	<2.9	<3.0	<2.0	<3.0	n/a	<3.0	n/a	<3.0	n/a	<3.0	n/a

NOTES:

Results in ng/L or parts per trillion (ppt)
Lab: EEA - Eurofins Eaton Analytical
n/a = not analyzed

MCL = Maximum Contaminant Level: the regulatory limit
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Faded results with < indicate PFAS was not detect at the reported detection limit

UCMR5 = Unregulated Contaminant Monitoring Rule, Cycle 5
analysis included EPA Method 533 & 537.1 (4 PFAS only)