

PADUCAH WATER PFAS SAMPLE RESULTS

COMPOUND	MRL	UNITS	2019				2020				2021				2022								
			7/30	9/18	10/22	12/11	1/15	6/11	7/28	9/24	11/11	2/24	3/29	5/3	5/25	7/7	4/20	7/27	8/23	9/20	10/25	11/29	12/21
PFOA	4.0	ppt	4.1	5.8	5.5	7.0	5.6	4.2	0.0	0.0	5.8	7.2	4.6	0.0	0.0	0.0	5.8	0.0	5.7	5.5	4.0	5.9	
PFOS	4.0	ppt	4.5	8.2	5.5	12.0	11.0	5.8	5.5	5.0	7.8	11.0	7.5	0.0	0.0	4.7	6.0	6.5	4.0	7.4	6.6	4.9	8.4
PFBS	3.0	ppt	0.0	4.2	4.6	3.8	3.5	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.5	0.0	0.0
PFHpA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHxS	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFNA	4.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFDA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHxA	3.0	ppt	0.0	3.3	3.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
PFDoA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFTtDA	7.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFUnA	2.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NEtFOSAA	5.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NMeFOSAA	6.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HFPO-DA/GenX	5.0	ppt	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADONA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9CI-PF3ONS	2.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11CI-PF3OUdS	5.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFTeDA	8.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COMPOUND	MRL	UNITS	2023												2024												
			1/30	2/28	3/20	4/25	5/25	6/19	7/24	8/23	9/28	10/30	11/20	11/20 DOW*	12/28	1/16	2/7	3/28	4/16	5/20	6/29	7/12	7/31	9/19	10/7	11/13	12/4
PFOA	4.0	ppt	6.0	7.1	5.8	0.0	4.1	0.0	8.1	0.0	4.1	6.4	4.5	0.0	4.6	5.8	5.8	4.1	0.0	0.0	0.0	4.7	0.0	9.0	6.8	0.0	0.0
PFOS	4.0	ppt	7.8	9.9	9.2	0.0	5.1	0.0	14.0	5.7	5.8	7.4	4.8	4.4	4.5	6.5	5.9	5.9	0.0	4.7	6.2	7.5	4.3	16.0	12.0	4.3	4.4
PFBS	3.0	ppt	3.0	3.6	3.3	0.0	0.0	0.0	3.1	0.0	0.0	6.5	0.0	3.1	3.2	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.3	0.0	0.0
PFHpA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHxS	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFNA	4.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFDA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHxA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	3.2	0.0	0.0
PFDoA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFTrDA	7.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFUnA	2.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NEtFOSAA	5.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NMeFOSAA	6.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HFPO-DA/GenX	5.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADONA	3.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9CI-PF3ONS	2.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11CI-PF3OUdS	5.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFTeDa	8.0	ppt	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

COMPOUND	MRL	UNITS	2025											
			1/22	2/11	3/31	4/28	5/28 ³	6/17	7/21	8/20	9/15	10/20	11/17	12/10
PFOA	4.0	ppt	6.8	0.0	0.0	4.5		4.3	0.0	6.7	11.0	4.2	0.0	0.0
PFOS	4.0	ppt	11.0	4.5	0.0	6.6		6.4	4.8	13.0	19.0	5.3	0.0	4.4
PFBS	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	4.1	4.7	0.0	0.0	0.0
PFHpA	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHxS	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFNA	4.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFDA	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFHxA	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFDoA	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFTrDA	7.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFUnA	2.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
NEtFOSAA	5.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
NMeFOSAA	6.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
HFPO-DA/GenX	5.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADONA	3.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
9CI-PF3ONS	2.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
11CI-PF3OUdS	5.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
PFTeDa	8.0	ppt	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

1. ppt = parts per trillion, which can also be expressed as ng/l (nanograms per liter)
2. MRL = Minimum Reporting Limit in accordance with EPA analytical Method 533 or 537.1 as applicable
3. A reported value of 0.0 indicates that the compound was not detected above the MRL.
4. Compounds shown in **BOLD** font are included in the EPA's proposed regulatory standards announced March 14, 2023
5. DOW* = Kentucky Division of Water Sampling Results
6. May 28, 2025 samples were lost in transit to the lab