

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	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	
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	
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
PFTTrDA	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
PFTTrDA	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

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