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**	**5.8**	**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**	**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	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
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
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
9Cl-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
11Cl-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**
9Cl-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**
11Cl-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												2026											
			1/22	2/11	3/31	4/28	5/28 [6]	6/17	7/21	8/20	9/15	10/20	11/17	12/10	1/21	2/25	03/25	4/29								
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**	**4.6**	**0.0**	**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**	**5.7**	**4.5**	**0.0**	**0.0**								
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**	**0.0**	**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**	**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**								
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**								
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**								
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**	**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**	**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**								
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**								
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**								
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**								
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**								
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**								
9Cl-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**								
11Cl-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**								
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**								

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