

CITY OF RALEIGH
2025 Perfluorinated Compounds Data Results

units: ng/L

Perfluorinated Compounds Contaminant	2/6/2025				5/8/2025				8/7/2025				11/6/2025				Health Base Value	MCL
	EMJWTP		DEBWTP		EMJWTP		DEBWTP		EMJWTP		DEBWTP		EMJWTP		DEBWTP			
	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw	Finished	Raw		
Hexafluoropropylene oxide dimer acid (HFPO-DA) GenX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	10
Perfluorooctanesulfonic acid (PFOS)	2.77	4.57	2.64	2.73	2.17	3.69	1.87	3.10	2.98	4.78	1.54	2.83	2.48	4.68	1.15	2.80	0.02	4
Perfluorooctanoic acid (PFOA)	2.51	2.82	2.69	2.81	2.61	2.94	2.46	2.82	2.94	3.49	2.21	2.67	2.69	3.18	2.44	2.75	0.004	4
Perfluorononanoic acid (PFNA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.732	ND	0.660	ND	0.705	ND	0.632	10	10
Perfluorobutanesulfonic acid (PFBS)	2.80	2.89	2.97	3.00	3.14	3.17	2.73	2.67	3.08	3.37	2.58	2.27	2.66	2.89	2.65	2.60	2000	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.893	0.996	1.02	0.778	0.946	0.771	0.932	0.857	0.927	0.679	0.694	0.697	0.897	0.634	0.792	9	10

HAZARDOUS INDEX (HI)	EMJWTP Finished	DEBWTP Finished
Quarter 1 (2/6/2025)	0.0014	0.1122
Quarter 2 (5/8/2025)	0.0880	0.0870
Quarter 3 (8/7/2025)	0.0968	0.0767
Quarter 4 (11/6/2025)	0.0788	0.0718
Running Annual Average	0.0663	0.0869

The Hazard Index Running Annual Average does not exceed 1, the City of Raleigh Water System has not exceeded the MCL. Therefore, no violation of the Hazard Index MCL has occurred

ND: Not Detected - indicates that the analyte was Not Detected
EMJWTP: EM Johnson Water Treatment Plant
DEBWTP: DE Benton Water Treatment Plant