

CITY OF RALEIGH
2024 Perfluorinated Compounds Data Results

units: ng/L

Perfluorinated Compounds Contaminant	2/29/2024				5/9/2024				8/1/2024				11/7/2024				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)	3.15	4.23	2.41	2.83	1.51	4.02	2.51	2.98	2.58	4.57	1.78	3.24	2.90	4.08	2.17	2.86	0.02	4
Perfluorooctanoic acid (PFOA)	2.75	2.99	2.69	2.75	2.17	2.57	2.53	2.86	2.76	2.90	2.94	3.35	2.57	2.69	2.38	2.76	0.004	4
Perfluorononanoic acid (PFNA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	10
Perfluorobutanesulfonic acid (PFBS)	2.19	2.17	2.45	2.50	2.62	2.63	2.73	2.78	3.05	3.02	3.14	2.94	2.33	2.37	2.56	2.67	2000	
Perfluorohexanesulfonic acid (PFHxS)	1.14	ND	1.40	1.52	ND	0.874	0.981	1.08	0.903	0.952	ND	ND	ND	ND	ND	ND	9	10
HAZARDOUS INDEX (HI)	EMJWTP Finished				DEBWTP Finished													
Quarter 1 (2/29/2024)	0.1151				0.1412													
Quarter 2 (5/9/2024)	0.0013				0.0995													
Quarter 3 (8/1/2024)	0.0918				0.0016													
Quarter 4 (11/7/2024)	0.0012				0.0013													
Running Annual Average	0.0523				0.0609													

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