

2 - 100% of the turbidity readings were below the treatment technique requirement of 0.3 NTU. Turbidity is a measure of the cloudiness of the water. We monitor turbidity because it is a good indicator of water quality. High turbidity can hinder the effectiveness of disinfectants.

OTHER REGULATED SUBSTANCES - Collected at the Treatment Plant							
Substance (with units)	Year Sampled	Compliance Achieved	MCLG	MCL/SWGL	Highest Compliance Result	Range Detected	Typical Source
Turbidity (NTU) ²	2022	Yes	0	TT: Single result > 1 NTU	0.1	0.03 - 0.15	Soil runoff
	2022	Yes	NA	TT: At least 95% of samples ≤ 0.3 NTU	100%	NA	Soil runoff
Nitrate (ppm)	2022	Yes	10	10	2.1	ND to 2.10	Runoff from fertilizer use; industrial or domestic wastewater discharges; erosion of natural deposits.
Alpha Emitters (pCi/L)	2022	Yes	0	15	6.2	ND to 7.37	Erosion of natural deposits.
Combined Radium Ra 226 + Ra 228 (pCi/L)	2022	Yes	0	5	1.75	ND to 3.86	Erosion of natural deposits.
Perfluorooctanoic Acid (PFOA) (ppt)	2022	Yes	NA	14	4	ND to 4.0	Used in Teflons, fire fighting foams, cleaners, cosmetics, lubricants, paints, polishes, adhesives, photo films.
Perfluorooctanesulfonic Acid (PFOS) (ppt)	2022	Yes	NA	13	3.5	ND to 3.5	Manmade chemical; used in products for stain, grease, heat and water resistance

Unregulated Contaminants Monitoring (UCMR4) 2019				Typical Source
Parameter	Units	Average Result	Range Detected	
Manganese ⁴	ppb	1.02	ND to 1.8	Naturally-occurring elemental metal; largely used in aluminum alloy production. Essential dietary element.
2-Methoxyethanol	ppb	0.24	ND to 0.47	Used as a solvent in varnishes, dyes, resins, airplane deicing solutions. It is also used in organometallic chemistry synthesis.
Bromochloroacetic Acid	ppb	1.32	ND to 2.8	By-product of drinking water disinfection
Bromodichloroacetic acid	ppb	0.97	ND to 2.5	By-product of drinking water disinfection
Chlorodibromoacetic acid	ppb	0.33	ND to 0.95	By-product of drinking water disinfection
Dibromoacetic Acid	ppb	0.42	ND to 1.5	By-product of drinking water disinfection
Dichloroacetic Acid	ppb	3.86	ND to 12	By-product of drinking water disinfection
Monobromoacetic Acid	ppb	0.01	ND to 0.34	By-product of drinking water disinfection
Total Haloacetic Acids	ppb	7.50	0.55 to 23	By-product of drinking water disinfection
Total Haloacetic Acids - Br	ppb	3.05	ND to 6.9	By-product of drinking water disinfection
Total Haloacetic Acids - UCMR4	ppb	10.15	0.96 to 28	By-product of drinking water disinfection
Trichloroacetic Acid	ppb	3.22	ND to 11	By-product of drinking water disinfection

4 - Manganese is regulated as a secondary contaminant with a secondary maximum contaminant level of 50 ppb