

Regulated Contaminants

Microbiological Contaminants									
Contaminant	Violation	Unit of Measure	Max Allowed	MCLG	MCL	Highest Single Measurement	Lowest Monthly Percentile		Likely Source
Turbidity	No	NTU	1.0	0	TT=0.3	0.06	100%		Soil runoff
Inorganic Contaminants									
Contaminant	Violation	Unit of Measure		MCLG	MCL	Highest Level Detected	Range of Detection	Year	Likely Source
Nitrate	No	PPM		10.0	10.0	0.34	0.34 - 0.34	2018	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits.
Fluoride	No	PPM		4.0	4.0	0.54	0.54 - 0.54	2018	Water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
<i>*EPA's MCL is 4.0ppm/SC has set a lower MCL to better protect human health</i>									
Lead and Copper									
	Violation	Unit of Measure		MCLG	AL	90 th Percentile Value	# of Sites Exceeding AL	Year	Likely Source
*Lead	No	PPB		0	15	5	2	2018	Corrosion of household plumbing systems; erosion of natural deposits.

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*Copper	No	PPM		1.3	1.3	0.037	0	2018	Erosion of natural deposits; leaching from wood preservatives; corrosion of household plumbing systems
<i>*Fort Mill results for the year 2018. See required Lead and Copper Language</i>									
Disinfection Byproducts									
Contaminant	Violation	Unit of Measure		MCLG	MCL		Range of Levels Detected	Year	Likely Source
Total Organic Carbon	No	PPM		TT	TT		1.18- 1.52	2018	Naturally present in the environment
Chlorine	No	PPM		4.0	4.0		1.55- 1.91	2018	Water additive used to control microbes
Chlorite	No	PPM		0.8	1.0		0.071 - 0.454	2018	Byproduct of drinking water disinfection
Chlorine Dioxide	No	PPM		0.8	0.8		ND - .48	2018	Water additive used to control microbes
Haloacetic Acids (HAA5) (ppb)	No	PPB		N/A	60	18 (LRAA)	6.6-24.8	2018	By-Product of drinking water Chlorination.
TTHM's (Total Trihalomethanes) (ppb)	No	PPB		N/A	80	43 (LRAA)	11.4-66.4	2018	By-Product of drinking water disinfection.
Radioactive Contaminants									
Contaminant	Violation	Unit of Measure		MCLG	MCL	Highest Level Detected	Range of Levels Detected	Year	Likely Source
Beta particles and photon emitters	No	pCL/i		0	50	3.3	0-3.30	2018	Decay of natural and man made deposits
Unregulated Containment									
Contaminant	Violation	Unit of Measure		MCLG	MCL	Level Detected	Range of Levels Detected	Year	Likely Source

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Sodium	No	PPM		Not Regulated	6.0	6.0-6.0	2018	Erosion of natural deposits; leaching
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Key to table and definitions:

- Detects- Laboratory analysis indicates that the constituent is present
- Parts per million (ppm) or milligrams per liter (mg/l)- One part million corresponds to one (1) penny in \$10,000.
- Picocuries per liter (pCi/l)- A measure of radioactivity in water
- Action Level- The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow
- Treatment Technique (TT)- A required process intended to reduce the level of a contaminant in drinking water
- Maximum Contaminant Level (MCL)- The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available technology.
- Maximum Containment Level Goal (MCLG)- The level of contaminant in drinking water below which there is no known risk to health. MCLG's allow for margin of safety.