

## 2022 Water Quality Report Town of Williston System #SC0610002

We're pleased to provide you with this year's Water Quality Report. We want to keep you informed about the water and services we have delivered to you over the past year. Our goal is to provide to you a safe and dependable supply of drinking water. We are committed to ensuring the quality of your water. Our water source is groundwater produced from two wells that draw from several aquifers including the Barnwell Aquifer and the Tuscaloosa Aquifer. A source water assessment plan has been conducted for our water system. For more information on this assessment, contact SCDHEC at 803-898-3531.

If you have any questions about this report or concerns about your water utility, please contact Michael Beasley at 803-266-7015. We want you, our neighbors and valued customers, to be informed about your water utility. Feel free to attend our regularly scheduled meeting on the second Monday of each even month at 7:30 pm at the Town Hall, 13112 Main St., Williston, SC 29853.

This report shows the results monitoring efforts to measure our water quality and what it means. The Town of Williston routinely monitors for contaminants in your drinking water according to Federal and State laws. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals and radioactive substances. It's important to remember that the presence of these constituents does not necessarily pose a health risk. All drinking water –including bottled water- may be reasonably expected to include at least small amounts of some contaminants.

The tables below show the results of our monitoring for the period of January 1st to December 31st, 2022. In this table you will find the following terms and abbreviations:

**Action Level (AL)** - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Parts per million (ppm) or Milligrams per liter (mg/l)** - One part per million corresponds to one minute in two years or a single penny in \$10,000.

**Parts per billion (ppb) or Micrograms per liter** - One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

**Maximum Contaminant Level** - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

**Maximum Contaminant Level Goal** - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Picocuries per liter (pCi/L)** – Picocuries per liter is a measure of the radioactivity in water.

**Town of Williston SC0610002**

**LEAD AND COPPER TEST RESULTS**

Contaminant	Date Sampled	MCLG	Action Level (AL)	90th Percentile (mg/l)	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	2020	1.3	1.3	0.27	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	2020	1.3	15	1.2	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

**REGULATED CONTAMINANTS**

Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2022	RAA 1.00	0.45 – 0.95	4	4	ppm	N	Water additive used to control microbes.
Total Trihalomethanes (TTHM)	2022	10.00	10.20 – 10.20	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	2021	2.94	2.94 – 2.94	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	2021	3.20	3.20 – 3.20	0	15	pCi/L	N	Erosion of natural deposits.

Unregulated Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation (Y/N)	Likely Source of Contamination
Sodium **Unregulated Contaminant	2021	260	19-260	N/A	N/A	ppm	N/A	Occurs naturally

**Violations Table**

**Consumer Confidence Rule**

The Consumer Confidence Rule requires community water systems to prepare and provide to their customers annual consumer confidence reports on the quality of the water delivered by the systems.

Violation Type	Violation Begin	Violation End	Violation Explanation
CCR REPORT	07/01/2022	08/17/2022	We failed to provide to you, our drinking water customers, an annual report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water.