

2019 Drinking Water Quality Report
Town of Williamston
Annual Consumer Confidence Report (CCR)
S.C. DHEC# 0410010

We are pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. We purchase water from the Anderson Regional Joint Water System which treats surface water from Lake Hartwell.

A Source Water Assessment Plan has been prepared for our system. Our source water assessment is available by FOI from SCDHEC Bureau of Water at 803-898-3531. If you have any questions about this report or concerning your water utility, please contact David Rogers at (864) 847-7473. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Council Meetings held on the first Monday of each month at 6:00 PM at The Town of Williamston Town Hall.

The Town of Williamston routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2019. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we have provided the following definitions:

- **Action Level (AL)** – the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that 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. This compares to one penny in \$10,000,000.
- **Maximum Contaminant Level (MCL)** – The “Maximum Allowed” (MCL) is 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 treatment technology.
- **Maximum Contaminant Level Goal (MCLG)** – The “Goal” (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG’s allow for a margin of safety.
- **Maximum Residual Disinfection Level Goal (MRDLG)** - The level or a drinking water disinfectant below which there is no known or expected risk to health. MRDLG’s do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **TT** – Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

Test Results

Anderson Regional Joint Water System

Inorganic Contaminants (2019)						
Contaminant	Violation	Level Detected	MCLG	MCL	Unit	Likely Source of Contamination
Fluoride	N	0.44 Range 0.44-0.44	4	4.0	ppm	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate (Measured as Nitrogen)	N	0.25 Range 0.25-0.25	10	10	ppm	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Unregulated Contaminant (2019)						
Sodium	N	5.1	N/A	N/A	ppm	Naturally Occurring

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Lead and Copper (2019)							
Lead and Copper	Violation	90 th Percentile	MCLG	Action Level	Sites Over Action Level	Units	Likely Source of Contamination
Copper	N	0.143	1.3	1.3	0	ppm	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead	N	0	0	15	2	ppb	Corrosion of household plumbing systems; Erosion of natural deposits.
Regulated Contaminants (2019)							
Disinfectants and Disinfection By-Products	Violation	Detected Levels	MCLG	MCL	Units	Likely Source of Contamination	
Chlorine	N	.84 Range 0.5-1.14	MRDLG=4	MRDL=4	ppm	Water additive used to control microbes	
Haloacetic Acids (HAA5)	N	16.0 Range 10.1-26.8	No Goal for the Total	60	ppb	By-product of drinking water disinfection	
Total Trihalomethanes (TTHM)	N	43 Range 17.3-70.9	No Goal for the Total	80	ppb	By-product of drinking water disinfection	

All sources of drinking water are subject to potential contamination by substances that are naturally occurring, or man-made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

We at the Town of Williamston work around the clock to provide top quality water to every tap. We ask that all our customers help us protect their water sources, which are the heart of our community, our way of life, and our children's future. Also, we ask that you report *any* suspicious activity in and around local water utilities immediately by calling 911. We must remain vigilant. In our continuing efforts to maintain a safe and dependable water supply it may be necessary to make improvements in your water system. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements.

Please call David Rogers at (864) 847-7473 or email me at davidrogers@williamstonsc.us should you have any questions. Also, additional copies of this report may be obtained by contacting Town Hall at (864) 847-7473 or visiting our web site, www.williamstonsc.us.