2024 Drinking Water Quality Report
Town of Williamston
Annual Consumer Confidence Report (CCR)
S.C. DES# 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.

Our raw water sources are most susceptible to contamination from runoff or environmental conditions. If you have any questions about this report or concerning your water utility, please contact Kevin Strickland 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, 2024. 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:

ppm: parts per million, or milligrams per liter (mg/L)
ppb: parts per billion, or micrograms per liter (µg/L)
NA: not applicable
ND: Not detected
NR: Monitoring not required but recommended.
MCLG: Maximum Contaminant Level Goal: 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.
MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology.
TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR: Monitored Not Regulated
MPL: State Assigned Maximum Permissible Level

Test Results

Town of Williamston
(SC0410010)

Lead and Copper (2022)							
Lead and Copper	Violation	90th Percentile	MCLG	Action Level	Sites Over Action Level	Units	Likely Source of Contamination
Copper	N	0.184 Range 0-0.512	1.3	1.3	0	ppm	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems
Lead	N	15 Range 0-7.3	0	15	2	ppb	Corrosion of household plumbing systems; Erosion of natural deposits.

Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

Regulated Contaminants (2024)						
Disinfectants and Disinfection By-Products	Violation	Detected Levels	MCLG	MCL	Units	Likely Source of Contamination
Chlorine	N	1.0 Range 0.56-1.23	MRDLG=4	MRDL=4	ppm	Water additive used to control microbes
Haloacetic Acids (HAA5)	N	29 Range 9.3799-42.9691	No Goal for the Total	60	ppb	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	N	35 Range 14.149-44.0308	No Goal for the Total	80	ppb	By-product of drinking water disinfection

UCMR5

Unregulated contaminants are those for which U.S. EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of these contaminants in drinking water and whether future regulation is warranted. In 2024 the Town of Williamston participated in the fifth round of the Unregulated Contaminant Monitoring Rule (UCMR 5). For a copy of the results please call us at (864) 847-7473. Information about these contaminants can be found at https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule and https://www.epa.gov/dwucmr/datasummary-fifth-unregulated-contaminant-monitoring-rule

Table of Unregulated Contaminants

Contaminants (Units)	Sample Year	Average Level Found	Range of Detection
PFBS	2024	1.6	0-3.4

Anderson Regional Joint
(SC0420011)

Contaminants (unit of measure)	MCLG or MRDLG	MCL, TT, or MRDL	Detect in Your Water	Range	Violation (Yes or No)	Typical Source
Nitrate (ppm) (2024)	10	10	0.12	0.12-0.12	No	Runoff from fertilizer use. Erosion of natural deposits.
Fluoride (ppm) (2024)	4	4	0	0-0	No	Runoff from fertilizer use. Erosion of natural deposits.
Sodium (ppm) [unregulated] (2024)	NA	NA	5.5	5.5-5.5	No	Naturally occurring.

Turbidity

	Limit (treatment Technique)	Level Detected	Violation	Likely Source of Contamination
Highest single measurement	1 NTU	0.070 NTU	N	Soil runoff
Lowest monthly % meeting limit	0.3 NTU	100.000%	N	Soil runoff

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.

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. the Town of Williamston is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact the Town of Williamston at (864) 847-7473. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at http://www.epa.gov/safewater/lead.

A lead service line inventory was completed throughout our system, in 2024. For more information on this inventory please contact us at (864) 847-7473.

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 Kevin Strickland at (864) 847-7473 or email me at kevin@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.