

JAMESTOWN WATER WORKS - SC DHEC SYSTEM #0810003

2025 ANNUAL WATER QUALITY REPORT

We are pleased to present you this year's quality water report. This report is designed to inform you of the water quality and services we deliver each day. Our goal is to provide you a safe and dependable water supply. We want you to understand the efforts to continuously improve the treatment process and protect our water sources. We are committed to the quality of your water. Our source of water are wells, we have two deep wells that draw from the **Middendorf Aquifer**. The wells are located at **7604 Hwy. 41-S behind Town Hall and on Steel Shed Lane and Waterpoint Ave.**

This report shows our water quality and what it means. If you have any questions about this report or other concerns about the water department, contact Chris Pipkin at Town Hall at 843-257-2233 Monday thru Thursday from 9:00AM to 2:00PM.

Jamestown Water Department monitors for contaminants in your drinking water according to federal and state laws. This table shows the results of our monitoring for the period of January 1, 2025 to December 31, 2025. 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 chemical or radioactive substances all drinking water, including bottled drinking 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 health effects can be obtained by calling; Environmental Protection Agency's Safe Drinking Water Hotline at **1-800-426-4791**.

DEFINITIONS FOR ABBREVIATIONS.

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

Maximum Contaminant Level (MCL)-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.

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

Maximum Residual Disinfectant Level (MRDL) - The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG)- 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.

Parts Per Million (ppm) or Milligrams per Liter (MG/L) - or one ounce in 7,350 gallons of water.

Parts Per Billion (ppb) or Micrograms per Liter-or one ounce in 7,350,000 gallons of water.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Locational Running Annual Averages (LRAA) – The average of analytical results for samples at a particular monitoring location during the previous four calendar quarters.

Picocuries per liter (pCi/L) – Standard measurement of radon.

SC0810003 Town of Jamestown
(2 wells; Pop. 850)

Contaminants (unit of Measure)	MCLG	MCL, TT or AL	Detected in Your Water	Range	# Samples Exceeding AL	Violation (Yes or No)	Sample Date	Typical Source
*Fluoride (ppm)	4	4	2.5 (highest)	1.9 – 2.5	N/A	No	2025	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
SODIUM (ppm)	N/A	N/A	160 (average)	140 – 180	N/A	N/A	2017	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
COPPER (PPM)	1.3	AL 1.3	0.037	0.004 – 0.039	0	No	2025	Corrosion of household plumbing systems. Erosion of natural deposits.
LEAD (ppb)	0	AL 15	0.0012	0 – 0013	0	No	2025	Corrosion of household plumbing systems. Erosion of natural deposits.
HAA5 (ppb)	N/A	60	11 (LRAA)	5.60 – 12.3	N/A	No	2025	By-product of drinking water chlorination
TTHMs (ppb)	N/A	80	51 (LRAA)	20.1 – 69.8	N/A	No	2025	By-product of drinking water chlorination
CHLORINE (ppm)	4	4	1 (LRAA)	0.46 – 1.68	N/A	No	2025	Water Additive used to control microbes
Combined Radium 226/228	0	5	0.804	0 – 0.804 pCi/L	N/A	No	12/2022	Natural occurrence

*This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/l) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system, Jamestown Water Works, had a highest fluoride concentration of 2.5 mg/l for 2025.

Dental fluorosis in its moderate or severe forms may result in a brown staining and pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4mg/l of fluoride (the US Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4mg/l of fluoride, but we're required to notify you when we discover that the fluoride levels in your drinking water exceed 2mg/l because of this cosmetic dental problem.

Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, visit "nsf.org/knowledge-library/home-water-treatment-system-selection" or call NSF International at 1-800-NSF-MARK (1-800-673-6275).

Bacteriological Testing: Total Coliform and Fecal Coliform - The Jamestown Water System is tested every month for this by an independent laboratory. All reports have returned negative.

Source Water Assessment: Raw water sources are most susceptible to contamination from runoff or environmental conditions.

Some people maybe 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 at **1-800-426-4791**.

Lead & Copper. 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. JAMESTOWN WATER WORKS 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 JAMESTOWN WATER WORKS. 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>. JAMESTOWN WATER WORKS has completed a required service line inventory. If you would like to access the inventory, contact Chris Pipkin at Town Hall at 843-257-2233 Monday thru Thursday from 9:00AM to 2:00PM.

Thank you for allowing us to provide your drinking water. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all our customers. These improvements are sometimes reflected as rate structure adjustments.