

2025 Water Quality Report (Consumer Confidence Report) McCord's Ferry at Lake Marion DES System # SC3850004



The McCord's Ferry water system is pleased to provide you with this year's consumer confidence report, also known as the "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 you with a safe and dependable supply of drinking water. We are committed to ensuring the quality of your water. The McCord's Ferry water system's drinking water is ground water treated by, and purchased from, the Ellore Water System.

A Source Water Assessment Plan has been prepared for our system. If you have any questions about this report or concerning your water utility, please contact Dale Weatherford at (803)-854-2152. We want you, our neighbors and valued customers, to be informed about your water utility.

This report shows our water quality and what it means. The McCord's Ferry water system routinely monitors constituents in your drinking water according to Federal and State laws. As water travels over land or underground, it can pick up substances or contaminants such as microbes and chemicals. 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 1-800-4264791.

The table below shows the results of our monitoring for the period of January 1st to December 31st, 2025. 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.

Maximum Residual Disinfectant Level (MRDL) - 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.

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.

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Running Annual Average (RAA)

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COLIFORM BACTERIA TEST RESULTS

Maximum Contaminant Level Goal	Total Coliform Maximum Contaminant Level	Highest No. of Positive	Fecal Coliform or E. Coli Maximum Contaminant Level	Total No. of Positive E. Coli or Fecal Coliform Samples	Violation (Y/N)	Likely Source of Contamination
0	1 positive monthly sample.	1.000		0	N	Naturally present in the environment.

LEAD AND COPPER TEST RESULTS

Contaminant	Date Sampled	MCLG	Action Level	90 th Percentile	Range of Samples	# of Sites Over Action Level	Units	Violation (Y/N)	Likely Source of Contamination
Copper	2025	1.3	1.3	0.09	0.005 – 0.095	0	ppm	N	Erosion of natural deposits; Leaching from wood preservation; Corrosion of household plumbing systems
Lead	2025	0	15	17.0	0.27 - 32	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

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 McCord's Ferry water system 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 Dale Weatherford and the McCord's Ferry water system at (803)-854-2152. 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>.

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REGULATED CONTAMINANTS TEST RESULTS								
Disinfectants and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation (Y/N)	Likely Source of Contamination
Chlorine	2025	1.50	1.10 – 1.50	MRDLG = 4	MRDL = 4	ppm	N	Water additive used to control Microbes.

Disinfectants and Disinfection By-Products	Collection Date	Violation (Y/N)	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Likely Source of Contamination
Haloacetic Acids (HAA5)	2025	N	21.0	6.55 – 45.1439	No goal for the total	60	ppb	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2025	N	3.00	0.00 – 3.2682	No goal for the total	80	ppb	By-product of drinking water disinfection.

VIOLATIONS TABLE			
Lead and Copper Rule			
<p>The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.</p>			
Violation Type	Violation Begin	Violation End	Violation Explanation
LEAD CONSUMER NOTICE (LCR)	12/30/2025	02/13/2026	We failed to provide the results of lead tap water monitoring to the consumers at the location water was tested. These were supposed to be provided no later than 30 days after learning the results.

Ellore Water System (SC3810003)



Ellore Water System (SC3810003) Test Results

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation (Y/N)	Likely Source of Contamination
Fluoride	2023	0.11	0.00 – 0.11	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Sodium [unregulated contaminant]	2025	9.8	9.8 – 9.8	n/a	n/a	ppm	N	Erosion from natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation (Y/N)	Likely Source of Contamination
Beta/photon emitters	10/15/20	7.54	0.00 – 7.54	0	4	mrem /yr	N	Decay of natural and man-made deposits.
Combined Radium 226/228	10/15/20	0.272	0.00 – 0.272	0	5	pCi/L	N	Erosion of natural deposits.

If you have special health needs—

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 (800-426-4791).