2025 Water Quality Report
(Consumer Confidence Report)
City of Folly Beach
DES System # SC1010005

We're pleased to provide you with this year's Water Quality Report for the City of Folly Beach water system (SC1010005). 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. The City of Folly Beach is committed to ensuring the quality of your water. The source of our drinking water is surface water that is treated by, and purchased from, Charleston Water System (SC1010001).

The City of Folly Beach water system has completed a required service line inventory. If you would like to access the inventory, please contact us with the contact information found in this report. A Source Water Assessment Plan has been prepared for our system. If you have any questions about these reports, or concerning your water utility, please contact Phillip Benton at 843-998-2002. We want you, our neighbors and valued customers, to be informed about your water utility. Feel free to attend any of our regularly scheduled meetings on the second Tuesday of each even month at 7:00 pm at City Hall.

This report shows our water quality and what it means. The City of Folly Beach 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. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

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.

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

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COLIFORM BACTERIA TEST RESULTS (SC1010001)						
Maximum Contaminant Level Goal	**Total Coliform Maximum Contaminant Level**	**Highest No. of Positives**	**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 (AL)**	**90th Percentile**	**Range**	**# Sites Over AL**	**Units**	**Violation (Y/N)**	**Likely Source of Contamination**
Copper	2025	1.3	1.3	0.056	0.0019 – 0.093	0	ppm	N	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	2025	0	15	0.93	0.00 – 7.4	0	ppb	N	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

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 City of Folly Beach water system (SC1010005) 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 City of Folly Beach water system (SC1010005) and Phillip Benton at 843-998-2002. 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	2.60	2.40 - 2.60	4	4	ppm	N	Water additive used to control microbes.

Disinfectants and Disinfection By-Products	**Collection Date**	**Violation (Y/N)**	**LRAA**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Likely Source of Contamination**
Haloacetic Acids (HAA5)	2025	N	14.0	7.30 – 11.3	No goal for the total	60	ppb	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	2025	N	11.0	8.50 – 13.4	No goal for the total	80	ppb	By-product of drinking water disinfection

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COLIFORM BACTERIA TEST RESULTS (SC1010001)						
Maximum Contaminant Level Goal	**Total Coliform Maximum Contaminant Level**	**Highest No. of Positives**	**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	5% of monthly samples are positive.	2.500		0	N	Naturally present in the environment.

INORGANIC CONTAMINANTS TEST RESULTS (SC1010001)								
Inorganic Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation (Y/N)**	**Likely Source of Contamination**
Fluoride	2024	0.50	0.48 – 0.48	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2025	0.14	0.14 – 0.14	10	10	ppm	N	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits.
Selenium	2025	3.70	3.70 – 3.70	50	50	ppb	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from Mines.
Sodium [unregulated contaminant]	2025	9.4	9.4 – 9.4	n/a	n/a	ppm	N	Naturally occurring in the environment.

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RADIOACTIVE CONTAMINANTS TEST RESULTS (SC1010001)								
Contaminants	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation (Y/N)**	**Likely source of Contamination**
Gross alpha excluding radon and uranium	10/04/2022	0.376	0.376-0.376	0	15	pCi/L	N	Erosion of natural deposits.
Synthetic organic contaminants including pesticides and herbicides	**Collection Date**	**Highest Level Detected**	**Range of Levels Detected**	**MCLG**	**MCL**	**Units**	**Violation (Y/N)**	**Likely source of Contamination**
Di (2-ethylhexyl) phthalate	2025	3.70	3.70 – 3.70	0	6	ppb	N	Discharge from rubber and chemical factories.

TURBIDITY TEST RESULTS (SC1010001)				
	Limit (Treatment Technique)	**Level Detected**	**Violation (Y/N)**	**Likely Source of Contamination**
Highest Single Measurement	1 NTU	0.090 NTU	N	Soil Runoff
Lowest monthly % meeting limit	0.3 NTU	100.000%	N	Soil Runoff

*Information Statement: Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration.