

**ANNUAL CONSUMER CONFIDENCE REPORT (CCR)  
PERIOD: JANUARY 1, 2018 TO DECEMBER 31, 2018**

**Town of Swansea  
3210006**

We are pleased to present to you this year's annual CCR. This report is designed to inform you about the quality of 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. Our primary water source is the Lake Murray Surface Water Treatment Plant owned and operated by the City of West Columbia and pumped to us through the Joint Water and Sewer Commission distribution system. If needed, we also purchase water from Bull Swamp Rural Water Co. whose water source is ground water wells located in Orangeburg & Calhoun County. A copy of their CCR is also attached for your complete information.

These reports show our water quality and what it means. If you have any questions about these reports or concerning your water quality, contact Rick Bryan at the Swansea Water Department.

The Swansea Water Department, Joint Water & Sewer Commission, West Columbia Water and Bull Swamp Rural Water routinely monitors for contaminants in your drinking water according to Federal and State laws. These tables show the results of our monitoring for the period January 1 to December 31, 2018. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals and radioactive substances. All drinking water including bottled water may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

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

**Non-detects (ND)** – Laboratory analysis indicates that the constituent is not present.

**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.

**Picocuries per liter (pCi/l)** – Picocuries per liter is a measure of the radioactivity in water.

**Action Level (AL)** – The concentration of a contaminant which, if exceeded, triggers treatment or other requirement which a water system must follow.

**Maximum Contaminant Level (MCL) (mandatory language)** – 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.

**Maximum Contaminant Level Goal (MCLG) (mandatory language)** – 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.

MCLs 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.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganics 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 (EPAs) 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 person with cancer undergoing chemotherapy, person 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 (Center for Disease Control) 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).

If present, elevated levels of 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 Swansea is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

The City of West Columbia & Bull Swamp Rural Water Source Water Assessment Plans are available for your review at

<http://www.scdhec.gov/HomeAndEnvironment/Water/SourceWaterProtection/>

If you do not have internet access, please contact our office at (803) 568-2835 to make arrangements to review this plan.

**Important Information About Your Drinking Water – Availability of Monitoring Data for Unregulated Contaminant for the Town of Swansea Water System:**

Our water system has sampled for a series of unregulated contaminants. Unregulated contaminants are those that don't yet have a drinking water standard set by EPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard. As our customer, you have a right to know that this data is available. If you are interested in examining the results, please contact Rick Bryan at (803)-568-2835 or by mail at P.O. Box 429, Swansea, SC 29160.