

The Water You Drink!

2017 Water Quality Report - Columbia County Water Utility

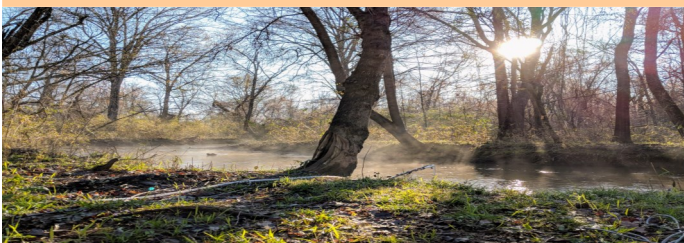
This report includes information collected from January 1, 2017 - December 31, 2017

Water Report

Have you ever wondered if the water you drink is Really Safe?

After testing the drinking water over 140,000 times in 2017 we here at the Columbia County Water Utility are very proud to inform our customers that Your Drinking Water met or exceeded all US EPA (Environmental Protection Agency) and Georgia EPD (Environmental Protection Department) Drinking Water Standards.

This report, that includes data from January 1, 2017 through December 31, 2017, contains details on the quality of your drinking water. Topics covered in this report include source water information, numerical values of detected finished water quality parameters, term definitions, and health facts.



Water Sources

The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material. It can also pick up substances resulting from the presence of animals or from human activity.

Source Water Assessment

Columbia County Water Utility completed a Source Water Assessment study in April of 2002. This assessment identifies potential pollutant sources that could contaminate the water supply. In the ranking of High, Medium, and Low for potential pollutants, our water supply was ranked Low at both the Jim Blanchard Water Treatment Plant and the Clarks Hill Water Treatment Plant. This assessment is available to the public. If you would like to review or purchase a copy, please call (706) 863-6928 during normal business hours.

Lead in Drinking Water

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. Columbia County Water Utility 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 your water, you may wish to have your water tested. Information on 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>.



Health Facts

For health reasons, the EPA has prescribed regulations that limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration regulations establish limits for contaminants in bottled water that must provide the same protection for public health. 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 EPA's Safe Drinking Water Hotline (1-800-426-4791).**

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 microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Contaminants that may be present in source water include the following:

- ❑ Microbial contaminants (e.g., viruses and bacteria) that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wild-life;
- ❑ *Inorganic contaminants (e.g., salts and metals)* which can be naturally occurring or result from urban storm run-off, industrial or domestic waste discharges, oil and gas production, mining, or farming;
- ❑ Pesticides and herbicides which may come from a variety of sources such as agriculture, urban stormwater run-off, and residential uses;
- ❑ Organic chemical contaminants including synthetic and volatile organic chemicals which are by-products of industrial processes, petroleum production and can also come from gas stations, urban stormwater run-off, and septic systems;
- ❑ Radioactive contaminants which can be naturally occurring or be the result of oil and gas production and mining activities.



Our Drinking Water Sources

Columbia County currently withdraws up to 45,000,000 gallons a day of surface water from the Savannah River to the Jim Blanchard Sr. Water Treatment Facility on Point Comfort Road. An additional 8,000,000 gallons of surface water could be withdrawn from the Clarks Hill Reservoir and treated at the Clarks Hill Water Treatment Facility on Highway 221. Combined, the Water Utility is able to treat up to 53,000,000 gallons a day to help meet the needs of our customers.

