

Annual Water Quality Report

Issued June 2017



*This report contains information collected
between January 1, 2016 and December 31, 2016.
Water Provided by the City of Woodbine Meets or
Exceeds Georgia EPD Standards
Water System ID #0390002*

City of Woodbine
Public Works
P.O. Box 26
Woodbine, Georgia 31569

Phone: 912-576-5852
Fax: 912-576-2093

Source of Water

The City of Woodbine gets its water from the Upper Floridian aquifer. This pristine source provides City of Woodbine with a dependable supply of water. The City Water Supply has been proactive in protecting the Floridian aquifer. A wellhead Protection Plan has been developed and approved by EPD. There are two wells in the City of Woodbine, each is 680 ft. deep, that pump water into the distribution system. The system pumped approximately 140,000 gallons a day to 680 customers during 2016.

Treatment Process

The water pumped from the Upper Floridian aquifer is very pure. We add chlorine as a disinfectant and fluoride to help prevent dental cavities. The Chlorine, Fluoride, and pH levels are tested daily.

Water Conservation Every Drop Counts

Water conservation measures are an important first step in protecting our water supply. Such measure not only save the supply of our source water but can also save you money by reducing your water bill. Conserve by:

- Installing water-saving toilets, showerheads, and faucet aerators.
- Don't leave the water running while shaving, brushing your teeth, or washing your hands. Faucets use two to three gallons of water per minute.
- Repair leaky faucets and turn taps off tightly. A slow drip wastes fifteen to twenty gallons of water each day.
- Use a self-closing nozzle on your hose. A hose can pour out up to 600 gallons of water in a few hours.
- Water your lawn wisely; it only needs 1 inch per week.

For more information on conservation visit:

www.Conservewatergeorgia.net

Outdoor Water Use Information

New watering rules give you more flexibility in your watering habits. Effective June 2, 2010 you can now run automated irrigation systems. Lawn sprinklers or water by hand daily as long as you do so from 4 p.m. until 10 a.m.

Under the Georgia Water Stewardship Act (SB370), the new rules state that outdoor water can be applied daily during the specified hours for the purpose of planting, growing, managing or maintaining ground cover, trees, shrubs or surface water is also allowed any time.

Water can also be applied with no time or day limits for the following outdoor uses:

- Agricultural operations.
- Personal food gardens.
- New or replanted plant, seed or turf in landscapes, golf courses, or sports turf fields during installation and for a period of 30 days immediately installation.
- Drip irrigation or soaker hoses.
- Hand-watering with a hose with automatic cutoff or handheld container.
- Horticultural crops held for sale, resale or installation.
- Athletic fields, golf courses or public recreational areas.
- Installation, maintenance or calibration of irrigation systems.
- Hydroseeding.

The odd-even day schedule remains in effect for nonlandscape outdoor water use like pressure washing by homeowners, car washing at home or for charity, hosing driveways, outdoor cleaning or topping-off pools.

Even addresses may water on Monday, Wednesday and Saturday.
Odd addresses water on Tuesday, Thursday and Sunday.

For more information on Outdoor Water Use visit: www.gaepd.org

Important Information About Your Drinking Water

We are proud to announce the City of Woodbine's drinking water quality is in great shape. The table on the back shows that our drinking water received an excellent report. Our outstanding record is due to the performance of our Water employees who work hard to bring you water that is absolutely safe to drink. We will continually strive to meet current and future water quality standards.

This, our annual water quality report, shows our water sources, lists test results, and contains information about water quality and health. The City of Woodbine will notify you immediately through our **CodeRed** Emergency Notification System if there is ever any reason for concern about your water.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply, we sometimes need to make improvements that will benefit all of our customers. These improvements are reflected as rate structure

Drinking Water & Your Health

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 \(800\) 426-4791](http://www.epa.gov/safewater/hotline).

The Woodbine City Council meets the first Monday of each month at 6:30 p.m. at the City Hall. Your participation or comments are welcome at these meetings.

City of Woodbine
P.O. Box 26
Woodbine, Georgia 31569
Phone 912-576-3211
Fax 912-576-3274

www.cityofwoodbinegeorgia.net

Woodbine Water Quality Table - System ID #0390002

The table below lists all of the drinking water contaminants that were detected during the 2016 calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done from January 1 through December 31, 2016. The Georgia Department of Natural Resources Environmental Protection Division (EPD) requires monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Our last Lead and Copper samples were tested in 2013. These samples are done every three years and was tested between July and September of 2016.

Regulated Substances						
Substance Tested and Detected	Goal (MCLG)	Maximum (MCL)	Result (Range)	Is it safe? (Does it meet)	Sample Date	Typical Source of Contamination
Fluoride (a) (ppm)	4	4	0.5 - 1.15	Yes	Daily	Water additive that promotes strong teeth.
Lead (b)	0 ppb	AL=15 ppb	2.5 ppb	Yes	2016	Corrosion of household plumbing systems.
Copper (b)	1,300 ppb	AL=1,300 ppb	47 ppb	Yes		
Total Coliform (bacteria)	0% Positive	<5% Positive	0% Positive	Yes	2/Monthly	Bacteria used as an indicator that bacteria may be present

(listed Above are 4 contaminants detected in Woodbine's drinking water during 2016. All are below the allowed levels of contamination. Not listed are the hundreds of other contaminants for which EPD tested that were not detected.)

Word, Acronym, Symbol or Note	Definition
MCLG	Maximum Contaminant Level Goal - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.
MCL	Maximum Contaminant Level - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG's as feasible using the best available treatment technology.
AL	Action Level - Means the concentration of a substance that triggers and treatment or other requirement that a water system must follow.
ppm	Parts per million - means 1 part per 1,000,000 (same as milligram per liter) and corresponds to 1 minute in 2 years, or 1 penny in \$10 thousand dollars.
ppb	Parts per billion - means 1 part per 1,000,000,000 (same as microgram per liter) and corresponds to 1 minute in 2000 years, or 1 penny in \$10 million dollars.
<	Less than.
(a)	Fluoride is added to mix with naturally occurring fluoride in the water to bring the average concentration to the EPA optimum level of one part per million.
(b)	Water provide by the City of Woodbine does not contain lead or copper, however, under EPA test show that where a customer may have lead or soldered copper pipes, the water is not corrosive. This means the amount of lead or copper absorbed by the water is limited to safe levels.

More Information

Drinking water may reasonably be expected to contain at least small amounts of some contaminants. This 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 \(1-800-426-4791\)](http://www.epa.gov/epahotline)

Additional Information Sources

WEB sites with information about water quality:

http://www.epa.gov/ow	http://www.gadnr.org/
http://www.awwa.org	http://www.watersmart.net
http://www.waterwiser.org	

This report was prepared by McDonald Knight, Water Treatment Plant Operator.

Should you have any questions about this report please contact Mr. Ronny Smith, Public Works Director. Monday through Friday, 8 a.m. - 5 p.m. at (912) 576-5852.