



Public Utilities

ABOUT YOUR water quality

WATER SYSTEM # 0590000
CONSUMER CONFIDENCE REPORT (CCR)



Our dedicated staff makes sure that your water is safe to drink and meets or surpasses all state and federal standards. See test results inside.



thank you!

TO OUR FRONT LINE WORKERS

No matter how many times you wash your hands, there's always water!

Our highly trained staff keep the water treatment system running smoothly 24 hours a day, seven days a week, ensuring that millions of gallons of clean, safe water are available every day.

- Certified water operators are on site 24 hours per day performing tests throughout the treatment process
- Certified lab technicians sample and test water quality
- Mechanical and electrical staff repair, replace, and maintain plant equipment

Water Works. *Today. Tomorrow.
For Life.*

At left, clockwise: Beau, Rickola, Dexter, Adnan, Rafael, David, Ray, Collin, Rico, and Will.
Pictured on front, clockwise: Steven, Daphne, Tiger, Robert, Maiyah, Laurie, German, Chris, Porter, and Ben.



water test results

The table below shows the findings of Athens-Clarke County's Public Utilities Department (ACC PUD) water testing after treatment and how they compare to national standards. **ALL RESULTS MEET OR EXCEED EPA STANDARDS.**

Contaminants are measured in:

- parts per million (ppm) – the equivalent of one drop of water in 42 gallons
- parts per billion (ppb) – the equivalent of one drop of water in 14,000 gallons

Better than EPA Standard	Contaminant	Typical Source	EPA Ideal Goal (MCLG)	Highest EPA Allowed Level (MCL)	Detected Level (what we found)
✓	Copper*	Corrosion of household plumbing systems	1.3 ppm	AL 1.3 ppm	0.052 ppm 0 over AL
✓	Lead*	Corrosion of household plumbing systems	0.0 ppb	AL 15.0 ppb	1.7 ppb 0 over AL
✓	Fluoride	Water additive that promotes strong teeth	4.0 ppm	4.0 ppm	1.06 ppm (actual range 0.14–1.06 ppm)
✓	Nitrate (Nitrogen)	Runoff from fertilizer use	10.0 ppm	10.0 ppm	0.94 ppm
✓	Total Trihalomethanes (TTHMs)	By-product of drinking water chlorination	0.0 ppb	80.0 ppb (annual average) Quarterly range 0.00–89.90 ppb	53.20 ppb (annual average) Quarterly range 0.00–89.90 ppb
✓	Turbidity (Cloudiness; measured for filtration effectiveness)	Soil runoff	0.0 NTU	TT = 1.0 NTU TT = 95% of samples ≤ 0.3 NTU	0.26 (highest single measurement) 100% ≤ 0.3 NTU

Better than EPA Standard	Contaminant	Typical Source	EPA Ideal Goal (MRDLG)	Highest EPA Allowed Level (MRDL)	Detected Level (what we found)
✓	Chlorine	Water additive for disinfection	4.0 ppm	4.0 ppm	2.01 ppm

Better than EPA Standard	Contaminant	Typical Source	EPA Ideal Goal (MCLG)	Highest EPA Allowed Level (MCL)	Range of Removal	Annual Average Removal
✓	Total Organic Carbon	Naturally present in the environment	N/A	TT	13.33%–61.29%	38.39%

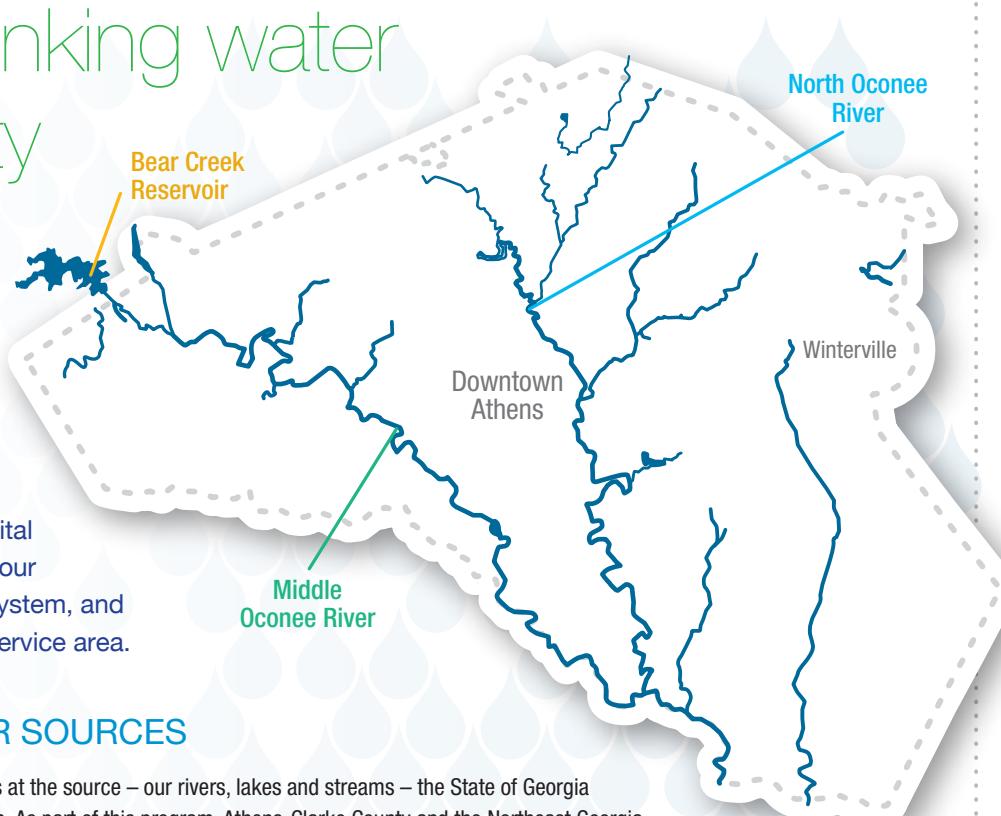
*EPA regulations require testing every three years; latest testing done in 2018.

why your drinking water is high quality

We regularly test the quality of our three water sources, the Middle Oconee River, North Oconee River, and Bear Creek Reservoir. Before it ever reaches the faucet, your water travels through an elaborate system that treats, moves, and stores this vital resource. Our staff take samples at our treatment plant, in the distribution system, and at water taps in homes across the service area.

PROTECTING OUR WATER SOURCES

In order to protect public drinking water supplies at the source – our rivers, lakes and streams – the State of Georgia established a Source Water Assessment Program. As part of this program, Athens-Clarke County and the Northeast Georgia Regional Commission completed a Source Water Assessment of the Middle Oconee and North Oconee rivers. Both rivers have been ranked with a medium level of pollution susceptibility. Based on the results of the Source Water Assessment, the county developed a Watershed Protection Plan for safeguarding our water resources. Copies of the report and plan are available at the Public Utilities Department Administration Office, 124 East Hancock Avenue in downtown Athens.



Our J.G. Beacham Water Treatment Plant earned a 2019 Platinum Award from the Georgia Association of Water Professionals and has had no Safe Drinking Water Act violations in the past 12 years.

12 years with 0 violations

WHY ARE THERE CONTAMINANTS IN WATER?

Pure water is made up of hydrogen and oxygen. However, all drinking water comes from rivers, lakes, reservoirs, or wells. These sources are never purely hydrogen and oxygen. As water travels over land or through the ground, it dissolves natural minerals, and is subject to potential "contamination" by a variety of naturally occurring and man-made substances.

Some people may be more vulnerable to contaminants in drinking water than the general public. Immuno-compromised individuals, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly people, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers.

To ensure that our tap water is safe to drink, the EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. The Water Test Results at left detail the EPA's ideal goal and highest level allowed.

EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available by contacting the Safe Drinking Water Hotline (1-800-426-4791).

TERMS TO KNOW

AL (ACTION LEVEL) The concentration of a contaminant, which if exceeded, triggers treatment or other requirements which a water system must follow.



MCLG (MAXIMUM CONTAMINANT LEVEL GOAL) 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.

MCL (MAXIMUM CONTAMINANT LEVEL) 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 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 contamination.

TT (TREATMENT TECHNIQUE) A required process intended to reduce the level of a contaminant in drinking water.

NTU (NEPHELOMETERIC TURBIDITY UNIT) is a measurement of the clarity of the water.

IMPORTANT HEALTH INFORMATION FROM THE EPA



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 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).

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 private service lines and home plumbing. ACC PUD 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 EPA's Safe Drinking Water Hotline (1-800-426-4791) or at epa.gov/safewater/lead.

This report contains important information on the quality of your drinking water, as required by the EPA Safe Drinking Water Act.



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ThinkAtTheSink.com

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COVID-19 AND WATER QUALITY: YOUR WATER IS SAFE

With the use of filtration, UV treatment, and disinfection, our treatment process consistently removes viruses before delivering water to you.

All ACC PUD records are available to the public. The Mayor and Commission review and approve all major water and wastewater projects at City Hall meetings. These are open for public comment and televised on Facebook, YouTube, and ACTV Cable Channel 180. Find pdfs of ACC PUD water quality reports at accgov.com/CCR.

Would you like more information on water quality?

Contact Laurel Loftin at 706-613-3729, email savewater@accgov.com or visit www.epa.gov/ground-water-and-drinking-water.

¿Habla español? Este Informe contiene información muy importante sobre su agua beber. Tradúzcalo ó hable con alguien que lo entienda bien.



Find the faucet icon hidden in this water quality report and enter to win a bucket of water gifts!
Tell us at accgov.com/LittleLilyLookout. Entries are accepted until July 31, 2020.

Water Bill Questions

706-613-3500

Administration

706-613-3470

Water Conservation

706-613-3729

To Report a Water Leak

706-613-3495

Emergencies

706-613-3481

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