

**Coweta County Water & Sewerage Authority
2016 Annual Water Quality Report
Water System ID #GA0770042**

Contaminant	Units	MCL	MCLG	Produced	Purchased			Range	Violation	Source
				BT Brown / Well	Atlanta	Newnan	Griffin			
				% Produced						
				15.75%	0.18%	41.95%	42.12%			
Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
Flouride	mg/L	4.00	4.00	0.78	0.74	0.77	1.04	0.74 - 1.04	No	Water additive
Turbidity	ntu	TT	TT	0.24	0.31	0.08	0.08	0.08 - 0.31	No	Soil run-off
TTHMS	ug/L	80.00	NA	52.40	70.00	9.99	40.00	9.99 - 70.00	No	Chlorination by-product
HAA	ug/L	60.00	NA	23.60	45.00	4.09	36.00	4.09 - 45.00	No	Chlorination by-product
Lead	ug/L	AL = 15.00	0.0	2.20	2.50	1.30	5.10	1.30 - 5.10	No	Corrosion
Copper	ug/L	AL = 1,300.00	1,300.00	54.00	100.00	150.00	190.00	54.00 - 190.00	No	Corrosion
TOC	mg/L	TT	TT	1.06	1.00	1.39	1.60	1.00 - 1.60	No	Naturally present
Chlorite	mg/L	1.00	0.80	0.64	NA	0.31	0.65	0.31 - 0.65	No	Chlorination by-product
Chlorine Dioxide	mg/L	0.80	0.80	0.00	NA	0.11	0.10	0.00 - 0.11	No	Water additive
Chlorine	mg/L	4.00	4.00	0.85	1.39	1.56	2.22	0.85 - 2.22	No	Water additive
Coliform Bacteria	%	5.0%	0.0%	0.0%	3.1%	0.0%	0.0%	0.0% - 3.1%	No	Naturally present
Nitrate	mg/L	10.00	10.00	ND	0.98	ND	0.29	0.29 - 0.98	No	Naturally present

Unit description	
mg/L	Milligrams per liter or parts per million
ug/L	Micrograms per liter or parts per billion
ntu	Nephelometric turbidity units - turbidity is a measure of the cloudiness of water and is monitored to determine the effectiveness of our filtration system
NA	Not applicable
ND	Not detected

Important drinking water definitions	
MCL	Maximum contaminant level - the highest level of a contaminant that is allowed in drinking water with levels set as close to the MCLGs as feasible using the best available treatment technology
MCLG	Maximum contaminant level goal - the level of a contaminant in drinking water below which there is no known or expected risk to health and allow for a margin of safety
TT	A required process intended to reduce the level of a contaminant in drinking water
AL	Action level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow

The statement below is a requirement of State Regulated Agencies

PRESENCE OF LEAD

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. Coweta County Water & Sewerage Authority 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 (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.