

Coweta County Water & Sewerage Authority
2010 Annual Water Quality Report
Water System ID # Ga0770042

			PRODUCTION	PURCHASED				
% PRODUCTION			9.05%	51.35%	39.60%			
			BT Brown/Well	Newnan	Griffin			
Contaminant	MCL	MCLG	RESULT	RESULT	RESULT	RANGE	VIOLATION	SOURCE
Fluoride	4.0 mg/L	4.0 mg/L	1.27 mg/L	.86 mg/L	1.12 mg/L	.86-1.27 mg/L	No	Water Additive
Turbidity	TT	TT	.23 ntu	.10 ntu	.99 ntu	.10-.99 ntu	No	Soil run-off
THMS	80 ug/L	NA	76 ug/L	44 ug/L	60 ug/L	44-76 ug/L	No	Chlorination By-Product
HAA	60 ug/L	NA	57.5 ug/L	23 ug/L	30 ug/L	23-57.5 ug/L	No	Chlorination By-Product
Lead	AL= 15 ug/L	0 ug/L	2.5 ug/L	1.5 ug/L	8.8 ug/L	1.5-8.8 ug/L	No	Corrosion
Copper	AL= 1300 ug/L	1300 ug/L	86 ug/L	120 ug/L	260 ug/L	86-260 ug/L	No	Corrosion
TOC	TT	TT	3.6 mg/L	1.9 mg/L	3.2 mg/L	1.9-3.6 mg/L	No	Naturally Present
Chlorite	1.0 mg/L	.8 mg/L	.46 mg/L	.47 mg/L	.74 mg/L	.46-.74 mg/L	No	Chlorination By-Product
Chlorine Dioxide	.8 mg/L	.8 mg/L	.0 mg/L	.23 mg/L	.14 mg/L	.0-.23 mg/L	No	Water Additive
Chlorine	4.0 mg/L	4.0 mg/L	2.12 mg/L	1.5 mg/L	1.78 mg/L	1.5-2.12 mg/L	No	Water Additive
Coliform Bacteria	5%	0%	0%	0%	0%	0%	No	Naturally Present
Nitrate	10	10	.14 ppm		.36 ppm	.14-.36 ppm	No	Naturally Present

Unit Descriptions	
Term	Definition
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NTU	NTU: Nephelometric Turbidity Units. Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.
% positive samples/month	% positive samples/month: Percent of samples taken monthly that were positive
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
MCLG	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	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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. 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 contaminants.
MRDL	MRDL: Maximum residual disinfectant level. 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.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

**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. [Water System] 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>.

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