

Annual Drinking Water Quality Report
Edgecombe Water and Sewer
PWSID: 04-33-050
May 5, 2014

We are pleased to provide you with our Annual Drinking Water Quality Report for the year 2013. We want to keep you informed about the water and services we have delivered to you.

Our goal is to provide you with a safe and dependable supply of drinking water and we are committed to this endeavor.

Our water is purchased from the Town of Tarboro and The City of Rocky Mount, which is treated surface water from the Tar River.

We also have the Town of Tarboro and City of Rocky Mount's Annual Drinking Water Quality Report available for your review upon request at our office located in the Edgecombe County Administration Building at 201 St. Andrew St. Tarboro, NC in Room 149.

If you have any questions about this report or concerning your water quality, please contact Edgecombe County Water and Sewer, (252) 823-3042 Attn: Michael Matthews, or come by and visit us at 201 St. Andrew St. Tarboro, NC 27886. You can also go to our website at: www.edgecombecountync.gov, also you may attend our regularly scheduled Edgecombe County Board of Commissioners meeting held the first Monday of each month at 7:00 pm in the Edgecombe County Board of Commissioners Room located at 201 St. Andrew St. Tarboro, NC 27886.

AL- Action Level

Not applicable (N/A)

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/l) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Million Fibers per Liter (MFL) - million fibers per liter is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Action Level - the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is 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 Contaminant Level Goal - The "Goal" (MCLG) is 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.

Educational Information

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottle 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 Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791. Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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 contaminants are available from the Safe Drinking Water Hotline: 1-800-426-4791.

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* The state allows monitoring for some contaminants less than once per year because the concentrations do not change frequently, because of this some of our data may be more than one year old.

<u>Substance</u>	<u>Year Sampled</u>	<u>MCL</u>	<u>MCLG</u>	<u>Detected</u>	<u>Range</u>	<u>Violation</u>	<u>Source</u>
Total Coliform	2013	0	0	0	N/A	N	Naturally present in environment
Total Trihalomethanes (TTHM) (ppb)	2013	80	N/A	201	33-201	Y	By product of drinking water chlorination
Haloacetic Acids (HAA5) (ppb)	2013	60	N/A	80	3-80	N	By product of drinking water chlorination
Copper (ppm)	2013	AL = 1.3	0.138	0.831	0.0-0.831	Y*	Corrosion of household plumbing; erosion of natural deposits
Lead (ppm)	2013	AL = 0.015	0.003	0.021	0-0.021	Y*	Corrosion of household plumbing; erosion of natural deposits

*Due to Edgecombe County Water & Sewer customer base increasing, Lead & Copper sample sites increased from 20 sample sites to 30 sample sites. Edgecombe County only sampled 20 sites this sampling period and therefore we are in violation and will take an additional 30 Lead & Copper samples in July 2014.

Edgecombe County Mission Statement

The Edgecombe County Water & Sewer Departments mission is to provide, operate and maintain a public water supply system with its customer's health, safety and well-being as its first priority.