

Annual Drinking Water Quality Report
Edgecombe Water and Sewer
PWSID: 04-33-050

We're very pleased to provide you with our Annual Quality Water Report for the year 2006. We want to keep you informed about the water and services we have delivered to you. We are happy to report that we have operated within the guidelines of state and federal laws governing Public Water Systems. Our goal is to provide to you a safe and dependable supply of drinking water and we are committed to this endeavor. Our water is purchased from the City of Rocky Mount and the Town of Tarboro which is treated surface water from the Tar River.

We also have the City of Rocky Mount's Annual Drinking Water Report and the Town of Tarboro's Annual Drinking Water Report for your review upon request at our office located in the county building at 201 St. Andrew St. in Tarboro, N.C.

If you have any questions about this report or concerning your water utility, please contact Edgecombe Water and Sewer, Attn; Mr. Michael Matthews., at 201 St. Andrew St. P.O. Box 10 Tarboro, N.C., or call 823-3042. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled District Board meetings. They are held on the first Monday of each month at 2:00 p.m. in the Board of Commissioners room, located at 201 St. Andrew St. Tarboro, N.C.

In this document you will find terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

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.

Nephelometric Turbidity Units (NTU)- Measure of the clarity, or turbidity, of water.

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.



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* The State allows us to monitor for some contaminants less than once per year because the concentrations do not change frequently. Some of our data may be more than one year old.

Substance	Year Sampled	MCL	MCLG	Amount Detected	Range Low-High	Violation	Typical Source
THMs (Total Trihalomethanes)	2006	0.080	NA	0.061	0.042-.083	N	By-product of drinking water chlorination
Copper (ppm)	2005	AL=1.5	1.3	<1.300	NA	N	Corrosion of household plumbing; erosion of natural deposits; leaching of wood preservatives
Lead (ppb)	2005	AL=.015	.015	.015	NA	N	Crossing of household plumbing systems; erosion of natural deposits

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 bottled 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. 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 microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

En Espanol

Este folleto tiene informacion importante acerca de las calidad del agua provee la Edgecombe Water and Sewer. Si tiene perguntas acerca de la calidad del agua, llame al Edgecombe Water and Sewer at 252-823-3042 durante las horas de trabajo, 8:00 am – 5:00pm.

The staff members of Edgecombe Water and Sewer are working diligently to provide you with the highest quality of water possible. We are working hard to make this supply of water safe and dependable. In the coming months the operation of our water systems will be consolidated into one water system to be known as Edgecombe County Water and Sewer. This will enable us to streamline many functions and requirements that are now being duplicated. There will be no changes to you as our customer. All correspondences will remain the same. If you have any questions please call our office at 252-823-3042.

The following is the Town of Tarboro's Water Quality Report

**Town of Tarboro
Detection Table**

Alpha Emitters (pCi/L)	15	0	no range	0
Nitrate (ppm)	10	<1.00	<1.0-0.30	10
Flouride (ppm)	4	1.68	0.22-1.68	4
Nickel (ppm)	0.1	<0.010	<0.01-0.012	0.1
Turbidity (NTU)	0.3 and 95% samples<0.3 (TT)	0.29 and 100% of samples<0.3	0.08-0.29	0.3
Copper (ppm) (Action Level)	1.3	<.08	0.01-0.271	1.3
Trihalomethanes	80 (Running yearly ave.)	55 (Running yearly ave.)	26.0-95.0	0
Dalapon	200	1.0	<1-1.2	200
HAA5	60 (Running yearly ave.)	37 (Running yearly ave.)	24-69	0
TOC	TT	4.2	2.0-4.2	>1.0

**The following is the City of Rocky Mount's Water
Quality Report
City of Rocky Mount Detection Table**

Substance	Year Sampled	MCL	MCLG	Detected Amount	Range	Violation
Alpha emitters	2004	15	0	1.0	NA	N
Beta/photon emitters (pCi/l) ²	2004	50	0	0.93	NA	N
Chloramines (ppm)	2005	MRDL (4)	MRDLG (4)	2.0	.2-1.6	N
Chlorine (ppm)	2005	MRDL (4)	MRDLG (4)	2.1	ND- 2.9	N
Cyanide (ppb)	2005	200	200	8	ND-8	N
Flouride (ppm) ³	2005	4	4	1.0	ND- 1.14	N
Haloacetic Acids (HAAs) (ppb)	2005	60	NA	17	6-37	N
TTHMs (Total Trihalomethanes) (ppb)	2005	80	NA	43	21-68	N
Total Coliforms ³ % positive samples	2005	5% positive	0	4	NA	N
Total Organic Carbon (% removal) ⁴	2005	TT	NA	68.4	59.2%-76.7%	N
Turbidity (NTU) ⁵	2005	TT	NA	0.27	0.01-0.27	N

**ANNUAL DRINKING
WATER QUALITY REPORT**



Edgecombe County
Water & Sewer
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Tarboro, NC 27886

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**EDGECOMBE COUNTY
WATER AND SEWER**