

2017 Annual Drinking Water Quality Report  
TOWN OF MAXTON  
PSWID # 03-78-035

I'm pleased to report that our drinking water is safe and meets federal and state requirements. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is two wells located within the town limits. Our wells draw from the *Black Creek Aquifer*.

If you have any questions about this report or concerning your water utility, please contact Dennis Freeman Water Resources Superintendent Monday through Thursday, 7: 00 am to 4:00 pm or Friday 8:00 am to 12:00 pm. We want you to be informed about your water utility.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

In accord with Federal and State Laws, the Maxton Water Resources Department routinely monitors for contaminants in your drinking water. The following shows the results of our monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2017.

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**TEST RESULTS – 2017**

*Microbiological Contaminants*

**Total Coliform Bacteria:** During 2017 Maxton had no Coliform samples test positive. All public water systems conduct random tests for Coliform Bacteria monthly. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful bacteria may be present.

**Nitrate:** Nitrate was taken on 11-8-17. Results were 1.67mg/l with an allowable limit of 10.00 mg/l.

**Nitrite:** Nitrite was taken on 11-8-17. Results were <0.10mg/l with an allowable limit of 1.00 mg/l.

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**THE FOLLOWING ARE SOME OF THE REASONS WHY WE TEST THE WATER**

All sources of drinking water are subject to potential contamination by naturally occurring or man-made substances. 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. In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health. 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.

**Maximum Contaminant Levels (MCLs)** are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

**Total Coliform:** The Total Coliform Rule requires water systems to meet a stricter limit for coliform bacteria. Coliform Bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the stricter regulation, we have increased the average amount of chlorine in the distribution system.

**Nitrates/Nitrites:** As a precaution we always notify physicians and health care providers in this area if there is ever a higher than normal level of nitrites in the water supply. They can cause blue-baby syndrome in infants less than six months of age.

**Lead:** Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

**Copper:** While copper is an essential nutrient, some people who consume water containing copper in excess of the action level could experience gastrointestinal distress or after consuming it for many years could suffer liver or kidney damage.

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)**.

Town of Maxton  
Water Resources Department  
PO Box 99  
Maxton, NC 28364

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.

If anyone desires to see the complete analysis of each individual test performed on the water, those analysis are available at the Water Resources office. Please call Dennis Freeman at 910-844-5607.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments.

We also have the Annual Performance Report for the Town of Maxton's Wastewater System and Source Water Assessment Program (SWAP) available at the Maxton Town Hall.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Freeman", written over a light blue horizontal line.

Dennis Freeman  
Water/Wastewater Superintendent