



Town of Dagsboro

P.O. Box 420

Dagsboro, DE 19939

PWSID: DE00A0799

Report Created: May 2017



2016

WATER

QUALITY

REPORT

Artesian Water Company, Dagsboro's water operator, is pleased to provide this Water Quality Report for the year 2015. Please notice that substances such as iron, chloride, and sodium are commonly found in drinking water. They occur naturally at trace levels, and the EPA has deemed that these substances pose no health hazard from consumption in drinking water. This report indicates the concentrations of these and many other substances obtained during analyses performed from January 1, 2016 – December 31, 2016 unless otherwise specified. If you have any questions about this report or the quality of your tap water, please call Cynthia Brought at (302) 732-3777.

A Safe Water Source

The water serving your home comes from the Millsboro Water Department via an interconnection. Although we purchase the water from Millsboro, all water testing is done within Dagsboro's system. Millsboro has three (3) wells, one located in the Manokin aquifer and the other two located in the Columbia aquifer. The Manokin aquifer is confined and protected from the influence of past farming activities and salt water intrusion. The Columbia aquifer is unconfined and is potentially subject to contamination from nutrients and pesticides.

Source Water Assessment Plan

The Division of Public Health, in conjunction with the Department of Natural Resources and Environmental Control, has conducted source water assessments for nearly all community water systems in the state of Delaware. The Source Water Assessment report for Dagsboro can be obtained by contacting Cynthia Brought at (302) 732-3777 or by visiting the Source Water Assessment Program website at:

www.wr.udel.edu/swaphome/swassessments.html.

Expected Substances in Drinking Water

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (1-800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive materials, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and come from gas stations, urban stormwater runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

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. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.