

**2015  
Annual Drinking Water Quality Report  
Ayersville Water and Sewer District  
Defiance, Ohio**

We are pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality and services we deliver to you every day. 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 surface water taken from the Maumee River and pumped into an up-ground reservoir operated by the City of Defiance.

This report shows our water quality and what it means. If you have any questions about this report or concerning your water utility, please contact the office at 419-395-1733. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regular scheduled Board meetings. They are held every month on the third Thursday at 7:00 pm in the Ayersville Water and Sewer Building at 13961 Fruit Ridge Road, Defiance, Ohio.

The Ayersville Water and Sewer District is a satellite district of Defiance. Therefore, the Ayersville Water and Sewer District is influenced by Defiance's test results. In accordance with the Federal and State laws, we routinely monitor for chlorine, daily; bacteria, monthly; total trihalomethanes, quarterly; and lead and copper, every three years. The table on page four shows the results for the City of Defiance Water Treatment Plant's monitoring period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2015; as well as results from analysis of the Ayersville Water and Sewer District's sampling. We are pleased to inform you that the Ayersville Water and Sewer District had no monitoring violations for the 2015 monitoring year. The district also pumped 35.076 million gallons of waters to our customers during 2015, which was a 7.7% decrease from 2014's pumpage of 37.995 million gallons.

Contaminants that may be present in source water include: (A) Microbial contaminants such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil gas production and mining activities.

**Microbiological Contaminants:**

Turbidity. Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. The organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

**Inorganic Contaminants:**

Nitrate. Infants below the age of six months who drink water-containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.