

Annual Drinking Water Quality Report for 2017
Village of New Berlin
13 South Main Street
New Berlin, NY 13411
(Public Water Supply ID# NY0801744)

Introduction

To comply with State regulations, the Village of New Berlin, will annually issue a report describing the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. Last year, your tap water met all State drinking water health standards. We are proud to report that our system never violated a maximum contaminant level or any other water quality standard. This report provides an overview of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to State standards.

If you have any questions about this report or concerning your drinking water, please contact **Matt Crippen, Supervising Water Operator, (607) 847-6389**. We want you to be informed about your drinking water. If you want to learn more, please attend any of our regularly scheduled village board meetings. The meetings are held the second Monday of each month at 6:30 p.m. in the Village Offices at 13 South Main Street, New Berlin, New York.

Where does our water come from?

In general, 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 can pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants. In order to ensure that tap water is safe to drink, the State and the EPA prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Our water system serves approximately 1,220 individuals through 350 service connections. Our water source is groundwater drawn from three drilled wells approximately 250-feet deep. The wells are drilled into a confined / semi-confined aquifer in the Unadilla River Basin. Two wells (Well #1 and Well #2) are located in a well field off of Moss Street. The third well (Well #3) is located near the intersection of NYS Route 80 and Genesee Street. This well was not used in 2017. The water is disinfected by injecting, NSF approved, liquid sodium hypochlorite (chlorine) prior to distribution. Also, at this point, Carus 1200 (a NSF approved, blended phosphate solution) is added to enhance the iron and manganese removal process. Once treated, the water is pumped into a 400,000-gallon storage tank. At this time, the fluoride injection system is not operational.

Are there contaminants in our drinking water?

As the State regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include: total coliform, inorganic compounds, nitrate, nitrite, lead and copper, disinfection by-products, volatile organic compounds, and synthetic organic compounds. The table presented below depicts which compounds were detected in your drinking water. Although the water samples were analyzed for many other chemicals, no other chemicals were detected in the water samples. The State allows us to test for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. It should be noted that all drinking water, including bottled drinking water, may be reasonably 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 (800-426-4791) or the Chenango County Health Department at (607) 337-167.

