

Annual Drinking Water Quality Report for 2021
Town of Geneseo Water District #3
(Public Water Supply ID# NY2530023)

Water District #3 serves Town of Geneseo customers with service connections along Lakeville Road (Route 20A) west of West Lake Road (Route 256) and east of Route 390, including Lakeville Village Estates.

WHERE DOES OUR WATER COME FROM?

Water consumed by the Town of Geneseo Water District 3 is purchased from Livingston County Water and Sewer Authority (LCWSA). LCWSA purchases drinking water from the City of Rochester who obtains surface water drawn from Hemlock Lake which is located east of Conesus Lake. In 2021, the Town of Geneseo District 3 had 72 active service connections and served water to a population of 187. The total amount of water purchased was 510,000 gallons. As part of routine maintenance, the Town of Geneseo flushed approximately 85,000 gallons of water. The Town Water District rate was \$4.50 per 1,000 gallons plus a \$30.00 per quarter water service fee.

DO THE WATER DISTRICTS TEST OUR WATER?

The Town of Geneseo Water District also routinely monitors the drinking water for Total Coliform, Asbestos, and Disinfection Byproducts, including Total Trihalomethanes (TTHM) and Haloacetic Acids (HAA5) in compliance with State and Federal drinking water standards. In 2021, the Town took 12 “at the tap” samples for the presence of coliform bacteria. Of these samples, 0 tested positive for coliform bacteria. The annual TTHM and HAA5 samples were collected in August with results illustrated in the table below. All samples complied with State and Federal drinking water standards.

Town of Geneseo, District 3							
Contaminant	Violation Yes/No	Date of Sample	Level Detected	Unit of Measure	MCLG	Regulatory Limit (MCL, MRDL)	Likely Source of Contamination
Chlorine Residuals Measured in Distribution							
Chlorine Residual	No	Monthly	Range (0.03–0.09)	mg/l	N/A	4.0	Water additive used to control microbes
Stage 2 Disinfection Byproducts							
Total Trihalomethanes (TTHMs)	No	8/03/21 ¹	59	ug/L	N/A	80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
Haloacetic Acids (HAA5)	No	8/03/21 ¹	12	ug/L	N/A	60	By-product of drinking water Disinfection.
Inorganics							
Asbestos	No	10/16/18 ²	2	MFL	7	7	Decay of asbestos cement water mains and erosion of natural deposits

Notes:

1 - One sample of water was collected and analyzed for TTHM and HAA5. Samples must be collected from a point in distribution that represents the maximum residence time and during the month with the highest water temperature.

2 – Some data, though representative, are more than a year old. Asbestos sampling is done every 9 years.

DEFINITIONS

Maximum Contaminant Level (MCL) The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLG as possible.

Maximum Contaminant Level Goal (MCLG) 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.

Maximum Residual Disinfection Level (MRDL) is the level of disinfectant added for water treatment that may not be exceeded at the customer's tap without an unacceptable possibility of adverse health effects.

Total Trihalomethane (TTHM) means the sum of the concentration of trichloromethane (chloroform), dibromochloromethane, bromodichloromethane and tribromomethane (bromoform).

Haloacetic acids (five) (HAA5) mean the sum of the concentrations in milligrams per liter of five specific haloacetic acid compounds.

Million Fibers per Liter (MFL) is a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Milligrams per Liter (mg/l) corresponds to one part of liquid in one million parts of liquid (parts per million – ppm)

Micrograms per Liter (ug/l) corresponds to one part of liquid in one billion parts of liquid (parts per billion – ppb)

WHAT DOES THIS INFORMATION MEAN?

As you can see by the table, our system had no violations. We have learned through our testing that some contaminants have been detected; however, these contaminants were detected below New York State requirements. We are required to present the following information on lead in drinking water:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. The Town of Geneseo is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/safewater/lead>.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

In 2021, the Town of Geneseo Water District 3 was in compliance with applicable state drinking water operating, monitoring and reporting requirements.

DO I NEED TO TAKE SPECIAL PRECAUTIONS?

Although our drinking water met or exceeded state and federal regulations, some people may be more vulnerable to disease causing microorganisms or pathogens 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 from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

BULK WATER AVAILABILITY:

The Town operates a water tank fill station at the storage tank site on Burbank Drive. This water is purchased from the Village of Geneseo Public Water Supply. This is a coin operated “water-salesman”. Currently rates for this bulk water are \$10.00 per 1000 gallons (\$.25 per 25 gallons).

NEED MORE INFORMATION?

The Town of Geneseo Water Department can be reached at (585)243-1544 Monday through Thursday between 6AM and 4:30PM, for any questions regarding water service. In case of Emergency please call the Livingston County Water & Sewer Authority at (585)346-3523. Questions regarding water billing should be directed to the Livingston County Water & Sewer Authority at (585)346-3523 between the hours of 8:00AM and 4:00 PM. You may also contact the Livingston County Department of Health at (585) 243-7280.