

Annual Drinking Water Quality Report for 2025

Town of Ellicottville Consolidated Water District No. 1

P. O. Box 600, Ellicottville, New York 14731
(Public Water Supply ID: NY0412217)

Town of Great Valley Water District No. 2

P. O. Box 291, Great Valley, New York 14741
(Public Water Supply ID: NY0430002)

INTRODUCTION

To comply with State and Federal regulations, the Town of Ellicottville and the Town of Great Valley will be annually issuing 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 did not violate 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 your drinking water quality, please contact either **Ben Gross, Town Engineer Or Jesse Klahn, Chief Water Operator, at (716) 699-9005**. We want you to be informed about your drinking water. If you want to learn more, please attend any of our regularly scheduled Town board meetings. Town of Ellicottville Board meetings are held on the third Wednesday of the month at 6:00 P.M. in the Town Hall located at One West Washington Street. Town of Great Valley Board meetings are held on the second Monday of the month at 7:00 P.M. at the Town Hall located at 4808 Route 219 in Great Valley.

WHERE DOES OUR WATER COME FROM?

In general, the sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, 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 material, 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.

The Town of Ellicottville Consolidated Water District #1 serves 1,420 people through 1,471 service taps and Great Valley Town Water District #2 (SnowPine Village) serves approximately 320 people through 91 service connections. Our water source is groundwater. Great Valley Water District # 2 purchases all of its water from the Town of Ellicottville. The Town of Ellicottville owns and operates 3 wells. 1) Town Well #1 is approximately 52 feet deep in a sand and gravel aquifer and is capable of producing 400 gallons a minute. 2) Village Well #2 is 70 feet deep and can produce 400 gallons per minute. 3) Town Well #3 is 65 feet deep and can produce 500 gallons per minute. The water produced is disinfected by the addition of chlorine prior to being pumped into the distribution system

In 2003, the NYS DOH completed a source water assessment for our water system based on available information. Possible and actual threats to the drinking waters sources were evaluated. The source water assessment includes susceptibility ratings based on the risk posed by each potential source of contamination and how easily contaminants can move through the subsurface to the well. The susceptibility rating is an estimate of the potential contamination of the source water. It does not mean that the water delivered to consumers is, or will become contaminated. See section "ARE CONTAMINANTS IN OUR DRINKING WATER?" for a list of the contaminants that have been detected. The source water assessments provide resource managers with additional information for protecting source waters into the future.

The source water assessment has rated the susceptibility to contamination for the Town Well as high from enteric bacteria, enteric viruses, cations/anions (salts, sulfate), halogenated solvents, metals, nitrates, other industrial organics, petroleum products and protozoa; and medium-high from herbicides/pesticides. These ratings for the well are due to its proximity to community development and permitted discharge facilities (industrial/ commercial facilities that discharge wastewater into the environment and are regulated by the state and/or federal government). While the assessment rates our source as being susceptible to enteric bacteria, please note that our water is disinfected to ensure that the finished water delivered into your home meets New York State drinking water standards.

The source water assessment has rated the combined susceptibility to contamination for the Village wells as; high from enteric bacteria, enteric viruses, halogenated solvents, herbicides/pesticides, metals, nitrates, other industrial organics and petroleum products; and medium-high from protozoa. These ratings for the wells are due to their proximity to former hazardous waste sites, waste lagoons, underground storage tanks and permitted discharge facilities (industrial/commercial facilities that discharge wastewater into the environment and are regulated by the state and/or federal government).

A copy of these assessments, including maps of the assessment areas, can be obtained by contacting us, as noted above.

ARE CONTAMINANTS IN OUR DRINKING WATER?

As the State regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include: coliform bacteria, inorganic compounds, nitrate, lead and copper, volatile organic compounds, disinfection byproducts, radiological and synthetic organic compounds. We also monitor the chlorine residuals daily. The table presented below depicts which compounds were detected in your drinking water. The State allows us to test for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

It should be noted that all drinking water, including bottled water, might 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 at 800-426-4791 or the Cattaraugus County Health Department at 716-701-3386. Information is also available from the EPA website: <https://www.epa.gov/dwreginfo/drinking-water-regulations>.

Table of Detected Contaminants							
Contaminant	Violation Yes/No	Date of Sample	Level Detected (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contamination
Disinfectants							
Chlorine Residual	No	2025	Avg. = .56 (.12 - 1.37)	mg/l	n/a	MRDL = 4	Water additive used to control microbes.
Inorganic Contaminants							
Barium	No	6/5/23	High = 311 (249 - 311)	ug/l	2,000	MCL = 2,000	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Copper ¹ - Ellicottville (T) & GV #2	No	6/24/24	99 (31 - 116)	ug/l	1,300	AL = 1,300	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead ² - Ellicottville (T) & GV #2	No	6/24/24	1 (1 - 17)	ug/l	0	AL = 15	Corrosion of household plumbing; erosion of natural deposits.
Nitrate	NO	10/8/25	1	mg/l	10	10 ¹⁹	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Disinfection By-Products							
Total Trihalomethanes - Ellicottville (T)	No	8/13/25	17.6	ug/l	n/a	MCL = 80	By-product of drinking water disinfection needed to kill harmful organisms.
- Great Valley #2	No	8/13/25	16				
Haloacetic Acids - Ellicottville (T)	No	8/13/25	4.4	ug/l	n/a	LRAA = 60	By-product of drinking water disinfection needed to kill harmful organisms.
-Great Valley #2	No	8/13/25	4.1				

Notes:

- The level presented represents the 90th percentile of the 10 sites tested in the Town District & GV TWD #2 combined. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the copper values detected at your water system. In this case, ten samples were collected and the 90th percentile value was the second highest value, 99 ug/l. The action level for copper was not exceeded at any of the sites tested.
- The 90th percentile level for lead was 1 ug/l. None of the ten samples exceeded the action level of 15 ug/l.

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 Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

Micrograms per liter (ug/l): Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

Milligrams per liter (mg/l): Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

Nanograms per liter (ng/l): Corresponds to one part of liquid to one trillion parts of liquid (parts per trillion - ppt).

Non-Detects (ND): Laboratory analysis indicates that the constituent is not present.

WHAT DOES THIS INFORMATION MEAN?

TABLE 1.000 - DRINKING WATER VIOLATIONS

As you can see by the table, our system had no violations. We have learned through years of testing that some contaminants have been detected; however, these contaminants were found at concentrations well below the level allowed by the State. Regardless, we are required to provide the following information on lead in drinking water.

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. The Town of Ellicottville is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and take steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, and making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking a shower, doing laundry or a load of dishes. If you have a lead service line or a galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact the Town of Ellicottville at 716-699-9005. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

Yes. On March 3, 2021, the Cattaraugus County Health Department conducted a sanitary survey of the Town water system. At that time, deficiencies were identified, including the absence of auxiliary power, chlorine safety concerns, and the age and condition of some finished water storage facilities. In December 2019, the Town and Village of Ellicottville were awarded a \$3 million grant to support a \$6 million comprehensive water system improvement project. The Town, in coordination with the Cattaraugus County Health Department, took the necessary steps to address all cited deficiencies. Construction was completed, and a subsequent routine sanitary survey was conducted in 2024. All deficiencies have since been corrected.

INFORMATION ON LEAD SERVICE LINE INVENTORY

A Lead Service Line (LSL) is defined as any portion of pipe that is made of lead which connects the water main to the building inlet. An LSL may be owned by the water system, owned by the property owner, or both. The inventory includes both potable and non-potable SLs within a system. In accordance with the federal Lead and Copper Rule Revisions (LCRR) our system has prepared a lead service line inventory and have made it publicly accessible by visiting our website at: www.townofellicottvilleny.gov Or you may request a copy from the Town of Ellicottville Water Division at 716-699-9005.

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).

WHY SAVE WATER AND HOW TO AVOID WASTING IT?

Although our system has an adequate amount of water to meet present and future demands, there are a number of reasons why it is important to conserve water:

- Saving water saves energy and some of the costs associated with both of these necessities of life;
- Saving water reduces the cost of energy required to pump water and the need to construct costly new wells, pumping systems and water towers; and
- Saving water lessens the strain on the water system during a dry spell or drought and helps to avoid severe water use restrictions, so that essential firefighting needs are met.

You can play a role in conserving water by becoming conscious of the amount of water your household is using, and by looking for ways to use less whenever you can. It is not hard to conserve water. Conservation tips include:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it up and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from one of these, otherwise, invisible toilet leaks. Fix it and

you save more than 30,000 gallons a year.

CLOSING

Thank you for allowing us to continue to provide your family with quality drinking water this past year. In order to maintain a safe and

dependable water supply we sometimes need to make improvements that will benefit all of our customers. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements. We ask that all our customers help us protect our water sources, which are the heart of our community. Please call our office if you have questions.