Annual Drinking Water Quality Report for 2025

Village of Franklinville Water Department

19 Pennsylvania Avenue, Franklinville, NY 14737

Village of Franklinville, *Public Water Supply ID# NY0400339*
Franklinville Town Water District, *Public Water Supply ID#NY0430096*

INTRODUCTION

To comply with State and Federal regulations, the Village of Franklinville Water Department 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 concerning your drinking water, please contact **Cary Hatch at (716) 676-5703**. You are also welcome to attend the Village Board of Trustees meetings, which are held on the second and fourth Monday of every month at 6:00 PM. We want you to be informed about your drinking water.

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. To ensure that tap water is safe to drink, the State and the EPA prescribe regulations which limit the number of certain contaminants in water provided by public water systems. The State Health Department and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Our water is obtained from four wells, all drawn from the Ischua Valley Aquifer. Wells #1 & #4 are located in the southwestern corner of the village. Wells #2 and #3 are located in the northern part of the village, just east of Route 16. At all four wells the treatment process involves chlorination and fluoridation. We serve a population of 1,760 with 780 service connections in the Village and 100 people through 41 service connections in the Town.

In 2003, the NYSDOH 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 a susceptibility rating based on the risk posed by each potential source of contamination and how easily contaminants can move through the subsurface to the wells. 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.

As was mentioned before, our water is derived from four wells. The source water assessment has rated the susceptibility to contamination for these wells as; very high from enteric bacteria, enteric viruses and nitrates; high from cations/anions (salts, sulfate), halogenated solvents, metals, and other industrial organics, petroleum products and protozoa; and medium-high from herbicides/pesticides. These ratings for the wells are due to their proximity to pasture-land, transportation routes 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 sources 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's drinking water standards. A copy of this assessment, including a map of the assessment area, 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, total trihalomethanes, haloacetic acids, radiological and synthetic organic compounds. In addition, we test for chlorine and fluoride 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 (800-426-4791) or the Cattaraugus County Health Department at 716-701-3386. Information is also available directly 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 Measure-ment	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Disinfectant							
Chlorine Residual	No	2025	Avg. = 0.74 (.24 - 1.59)	mg/l	n/a	MRDL = 4	Water additive used to control microbes.
Inorganic Contaminants							
Fluoride-treated	No	2024	0.69 (0.2 – 1.3)	mg/l	n/a	MCL = 2.2	Erosion of natural deposits; water additive that promotes strong teeth.
Nitrate	No	10/14/24	High = 2.8 (1.5 - 2.8)	mg/l	10	MCL = 10	Run-off from fertilizer use; leeching from septic tanks, sewage; erosion of natural deposits.
Barium	No	12/4/23	High = 180 (163 – 180)	ug/l	2,000	MCL = 2,000	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Copper[1]	No	8/12/24 to 8/13/24	75.8 (2.4 – 93.6)	ug/l	1,300	AL = 1,300	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead[2]	No	8/12/24 to 8/13/24	1.1 (1 – 3.0)	ug/l	0	AL = 15	Corrosion of household plumbing systems; erosion of natural deposits.
Disinfection Byproducts							
Total Trihalomethanes	No	5/6/2025	0.68	ug/l	n/a	MCL = 80	By-product of drinking water disinfection needed to kill harmful organisms.
Haloacetic Acids	No	8/14/25	1.7	ug/l	N/A	LRAA = 60 MCL = 60	By-product of drinking water disinfection needed to kill harmful organisms.
Radioactive Contaminants							
Radium 228 Well #4	No	5/6/25 9/10/25 11/21/25	High = 0.84 (0.015 – 0.84)	PCi/L	0	MCL = 5	Erosion of natural deposits.
Radium 226 Well #4	No	5/6/25 9/10/25 11/21/25	High = 0.46 (0.21 – 0.46	PCi/L	0	MCL = 5	Erosion of natural deposits.
Gross alpha activity Well #4	No	5/6/25 9/10/25 11/21/25	High = 3.62 (-0.76 – 3.62)	PCi/L	0	MCL = 15	Erosion of natural deposits.
Total Uranium Well #4	No	5/6/25 9/10/25 11/21/25	High = 1.80 (0.93 – 1.80)	PCi/L	0	MCL = 30	Erosion of natural deposits.
Volatile Organic Contaminants							
Trichloroethene	No	5/6/25 9/10/25 10/15/25	High = 1.4 (1.1 - 1.4)	ug/l	n/a	MCL = 5	Discharge from metal degreasing sites and other factories.

Notes:

1 - The level presented represents the 90th percentile of the 10 sites tested. 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 from your water system and the 90th percentile value was the second highest value, 75.8 ug/l. The action level for copper was not exceeded at any of the sites tested.

2 - The 90th percentile level for lead was 1.1 ug/l. None of the ten sites tested exceeded the action level of 15 ug/l.

Definitions:

Action Level (AL): The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.

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

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).

Not Detected (ND): Laboratory analysis indicates that the constituent was not present.

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 the level allowed by the State.

Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfeed), and young children. Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. The Village of Franklinville 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 taking 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 Village of Franklinville at 716-676-3010. 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?

During 2025, our system was in compliance with applicable State drinking water operating, monitoring and reporting requirements.

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 the Village of Franklinville offices at 19 Pennsylvania Avenue, Franklinville, NY 14737, and/or visiting our website at: www.villageoffranklinville.org.

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 people with cancer undergoing chemotherapy, people 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).

INFORMATION ON FLUORIDE ADDITION

Our system is one of the many drinking water systems in New York State that provides drinking water with a controlled, low level of fluoride for consumer dental health protection. According to the United States Centers for Disease Control, fluoride is very effective in preventing cavities when present in drinking water at a properly controlled level. To ensure that the fluoride supplement in your water provides optimal dental protection, we monitor fluoride levels on a daily basis to make sure fluoride is maintained at a target level of 0.7 mg/l. None of the monitoring results showed fluoride at levels that approach the 2.2 mg/l MCL for fluoride.

WHY SAVING WATER IS IMPORTANT

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 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, our way of life and our children's future. Please call our office if you have questions.