

**ANNUAL DRINKING WATER QUALITY REPORT
2023
TOWN OF CAPE VINCENT WATER DISTRICT#5
SAINT LAWRENCE FOUR CORNERS
WATER SYSTEM FEDERAL PROGRAM I.D. #NY2230018**

This report contains information about your drinking water and covers the calendar year 2023. Additional copies as well as supplemental information can be obtained at The Town of Cape Vincent Office, at 1964 State Route 12E, and our website, townofcapevincent.org. Public meetings are held on the third Thursday of each month at 6:30 PM. at the Recreation park at 602 south James street and questions and concerns can be addressed at that time also.

The water provided to your tap, through Water District #5, is drawn from the St. Lawrence River to the Village of Cape Vincent's Filtration Plant, located at County Route 6. For this reason, a copy of the Village's report is attached. All processes provided by the Village pertain to your water. There the water is filtered and disinfected and pumped to the Town of Cape Vincent's 500,000-gallon storage tank at the Town's Booster Pump Station located at 1254 East Lake Street in the Village of Cape Vincent, through a dedicated main. The water is then rechlorinated (as needed) to approximately 1.5 parts per million, (ppm) with Sodium Hypochlorite, (chlorine) and is pumped toward the 750,000-gallon water tower at the Cape Vincent Correctional Facility, through the Town's distribution system known as Water District #1. An interconnecting meter vault located by the T.I. High School on County route 9, supplies the water to St. Lawrence Water District #5. Included in the district are 45 individual service connections and one to the Cape Vincent Correctional Facility's Firing Range / Training Center and one Dairy Farm.

RATE STRUCTURE

Water Bills are sent to customers at the end of each calendar quarter. The rate charged per thousand gallons used is \$5.60. A debt service charge is also applied at \$85.00 per EDU, (equivalent dwelling unit) per quarter.

In the year 2023, the district metered 5,524,500 gallons into the system through the Master Meter. The metered sales to individuals in the district totaled 5,181,000gallons for the same period.

The water loss of 343,500 is contributed to flushing, leaks fire department use.

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

As the State regulations require, the Village of Cape Vincent routinely test your drinking water for numerous contaminants which are summarized in their attached report. In addition, the Town tests for disinfection by-products quarterly and total coliform monthly and a summary of these results are presented below.

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 Watertown District Office of the New York State Department of Health at (315) 785-2277.**

Table of Detected Contaminants							
Contaminant	Violation Yes/No	Date of Sample	Level Detected (Avg/Max) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL, or AL)	Likely Source of Contamination
Disinfection By-Products							
Total Trihalomethanes (TTHMs)	No	Quarterly 2023	Range 55.7 – 98.8 4 th Qtr. LRAA 64.2	64.2 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	Quarterly 2023	Range 11.9 – 59.9 4 th Qtr. LRAA 25.6	25.6 ug/l	N/A	60	By-product of drinking water chlorination.
Inorganic Contaminants							
Total Coliform	No	monthly	47.2	N/A	N/A		Naturally present in the environment

Definitions:

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.

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

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

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

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

Locational Running Annual Average (LRAA): Sample site specific quarterly average

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

During 2023, our system was in compliance with all applicable State drinking water operating, monitoring and reporting requirements.

DO I NEED TO TAKE SPECIAL PRECAUTIONS?

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, helping to avoid severe water use restrictions so that essential firefighting needs are met.

CLOSING

Thank you for allowing us to continue to provide your family with quality drinking water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers. 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.

Any questions about this report or your drinking water can be addressed by calling the Supervisor's Office at (315)-654-3795 extension # 1 or the District Water Superintendent, Keith Brass (315)-405-1893 or the System's Operator, John Lawrence at (315)-778-1810. The New York State Department of Health has jurisdiction over this water district and can be reached at 315-785-2277.

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(TDD) 1-800-662-1220**