

**ANNUAL DRINKING WATER QUALITY REPORT
2020
TOWN OF CAPE VINCENT WATER DISTRICT#1 & #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 2020. 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 Town of Cape Vincent recreation park, 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. These connections serve approximately 150 persons.

RATE STRUCTURE

Water Bills are sent to customers at the end of each calendar quarter. The rate charged per thousand gallons used is **\$5.10**. A debt service charge is also applied at \$ **340.00** EDU, (equivalent dwelling unit) per year.

In the year 2020, the district metered **4,747,710** into the system through the Master Meter. The metered sales to individuals in the district totaled **3,887,000** gallons for the same period. The difference of **-860,710** is due to flushing and unidentified leaks and fire departments use of fire hydrants.

In 2004, the New York State Department of Health Mandated Water District #1, the Village of Cape Vincent and the Development Authority of The North Country, to begin testing for total Trihalomethanes and Haloacetic Acids. Which are byproducts of drinking water chlorination. The collective results can be read in the Village's report under, "Disinfection Byproducts, in the "Table of Detected Contaminants "

. DEFINITIONS

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 use of disinfectants to control microbial contamination.

EDUCATIONAL STATEMENTS

Drinking water, including bottled water, may reasonably be expected to contain at least a small amount of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential effects can be obtained by calling the EPA's Safe Drinking Water hotline at (1-800- 426-4791).

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 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 microbial pathogens are available from the Safe Water Hotline (1-800-426-4791). The sources of drinking water (both bottled and tap) include rivers, lakes, ponds, 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 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 EPA prescribe regulations which limit the number of certain contaminants in water provided by public water systems. The State Health Department and FDA's regulations establish limits for contaminants in bottled water which provide the same protection for the public health.

During the year 2007, due to the threat of terrorist attacks, many changes have been made, country wide, in the way water providers carry out their daily duties. Many changes and additions have been made to assure the protection of our users and our water systems. Security fences, locks, entry systems, posters etc. have been added to most water systems. We ask that all suspicious activity around the town of Cape Vincent Water District Facilities be reported to the telephone numbers below.

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.

**“This institution is an equal opportunity provider, and employer”
(TDD) 1-800-662-1220**

**ANNUAL DRINKING WATER QUALITY REPORT
2020
TOWN OF CAPE VINCENT WATER DISTRICT #1
WATER SYSTEM FEDERAL PROGRAM I.D. # NY 2230018**

This report contains information about your drinking water and covers the calendar year 2020. Additional copies as well as supplemental information may be obtained at the Town of Cape Vincent Office, located at 1964 Rte. 12E, and our website, townofcapevincent.org. Public board meetings are held on the third Thursday of each month at 6:30 P.M. at the Town Cape Vincent recreation park 602 south James street, and questions and concerns can be addressed at that time also.

The water provided to your tap, through Water district #1, is supplied by the Village of Cape Vincent. For this reason, a copy of the Village's report is attached. All of the processes and quality information provided in the Village report pertain to your water supply. The Village draws the water supply from the St. Lawrence River to Their Filtration Plant at 31317 County Route 6. After filtering and chlorinating of the water it is pumped through a dedicated main to the Town's 500,000-gallon storage tank located at the Town's Booster Pump Station, at 1254 East Lake Street. As needed, the water is rechlorinated to 1.5 parts per million (ppm), with Sodium Hypochlorite (Chlorine) and pumped through the distribution system to the Cape Vincent Correctional Facility's 750,000-gallon elevated storage tank located on Route 12E, at the Cape and Clayton Town line. Included in the District's 563 service taps are, The Correctional Facility, The Thousand Islands High School, Burnham and Cedar Point State Parks, 3 Restaurants, 2 cottage Complexes, 2 Marinas and a Master Meter Vault, servicing St. Lawrence Four Corners Water District #5. The population served during our peak period, from May to September, is approximately 4000 persons. A 500,000-gallon water tower in the Water District #4. This in which adds redundancy to Water District #1.

The district is mandated by the NYS department of Health to take 2 Coliform / E-Coli tests per month. We are proud that none of these tests have ever tested positive, and your water meets all Drinking Water Standards. In 2004 and continuing through the present, the New York State Department of Health Mandated Water District #1, The Village of Cape Vincent and the Development Authority of The North Country, to begin testing for Total Trihalomethanes and Haloacetic Acids, which are byproducts of drinking water chlorination. The collective results can be read in the Village's report under "Disinfection Byproducts", in the "Table of Detected Contaminants". Also, in 2005, we were mandated to take Lead and Copper Samples from 20 homes that were known or suspected to have lead service lines or lead base solder used in the copper installations. Our 20 samples came in well below The Maximum Contaminant Level (MCL), and the tests were discontinued by the Health Department.

In The calendar year 2020, the District pumped **71,941,378** gallons of water. Metered sales totaled **66,498,000** gallons. The difference of **-5,443,378** is attributed to flushing of mains and hydrants, fire usage, undetermined leaks, and water main breaks.

DEFINITIONS

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 suspected risk to health. MRDLGs do not reflect the benefits of use of disinfectants to control microbial contaminants.

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 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.

RATE STRUCTURE

Water Bills are sent to property owners at the end of each calendar quarter. The rate charged per thousand gallons used is \$5.10. A debt service charge is also applied at **\$ 42.24 EDU, (equivalent dwelling unit) per year.**

EDUCATIONAL STATEMENTS

Drinking water, including bottled water, may reasonably be expected to contain at least a small amount of some contaminants. The presence of contaminants does not necessarily indicate that the water has a possible health risk. More information about contaminants and potential health risks can be obtained by calling the EPA's Safe Drinking Water Hotline (1-800-426-4791). 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's undergoing chemotherapy, persons who have undergone transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly be 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 lesson risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline (1-800-426-4791). The sources of drinking water (both tap and bottled) include rivers, lakes, streams, ponds, reservoirs, and wells. As the 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 EPA prescribe regulations which limit the number of certain contaminants in water provided by public water systems. The State Health Departments and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for the public.

INFORMATIONAL STATEMENTS

Due to the threat of terrorist attacks, many changes have been made country wide in the way water providers carry out their daily duties. Changes and additions have been implemented to insure the protection of our water users and our water systems. Security fences, locks, restricted entry systems, warning posters etc. have been added to most water systems. We ask that any suspicious activity around any Town of Cape Vincent Water Facilities be reported to the phone numbers in the following paragraph.

Any questions about this report or your drinking water can be addressed by the Supervisor's office at **315-654-3795 extension #1** or the district Water Superintendent, Keith Brass, **(315)-405-1893**, or from Systems 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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