

Annual Drinking Water Quality Report for 2024
Town of Woodstock
45 Comeau Drive, Woodstock, NY 12498
(Public Water Supply Identification Number NY5503394)

INTRODUCTION

To comply with State regulations the Woodstock Water District annually issues 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 drinking water met all State drinking water health standards. This report is a snapshot of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to New York State standards. Our constant goal is and always has been, to provide to you a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and to protect our water resources. If you have any questions concerning this report or concerning your drinking water, please attend one of our weekly board meetings or contact: *Mr. Larry Allen Jr., Water & Wastewater Superintendent, Town of Woodstock Water Department, 45 Comeau Drive., Woodstock, NY 12498; Telephone (845) 679-2356.* We want our valued water users to be informed about their water service.

WHERE DOES OUR WATER COME FROM?

The Woodstock Water District draws its water from a groundwater source. Groundwater or well water is stored below the surface of the earth in deep, porous rocks called "aquifers." Groundwater is purified naturally as it filters through layers of soil, clay, rock and sand. This process, known as percolation, takes years to complete. As a result, groundwater requires less treatment than surface water. We are served by seven drilled wells, with a depth of 20 feet. The wells yield approximately 300,000 gallons per day. The water is disinfected with chlorine in the form of hypochlorite, and the pH is adjusted with sodium carbonate for corrosion control. Additionally, as part of our corrosion control program we feed Carus 8100 a blended phosphate solution. The wells are plumbed through two pumphouses and then into a series of storage tanks with a total capacity of 1.3 million gallons.

The source water assessment performed by the New York State Health Department has rated our source water having a high susceptibility to microbials and nitrates, and a medium to high susceptibility to industrial solvents, and other industrial contaminants. It should be noted that the SWAP looks at the untreated water only. Our water is treated to minimize the potential sources of contamination. The SWAP summary for our water supply is attached to this report.

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

FACTS AND FIGURES

The Woodstock Water District provides water to 750 hook-ups serving a population of approximately 2,500 people. The Water District's average daily demand is 127,000 gallons. Our single highest day was 246,000 gallons. The total water pumped was 47,333,000 gallons. The charge for water in 2024 was \$4.70 per 1000 gallons.

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

In accordance with State regulations Woodstock Water District personnel routinely monitor your drinking water for numerous contaminants. We test your drinking water for inorganic contaminants, radiological contaminants, lead and copper, nitrate, volatile organic contaminants, and synthetic organic contaminants. In addition, we test (4) samples for coliform bacteria each month. The table presented below depicts which contaminants were detected in your drinking water. The State allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old and is noted.

It should be noted that all drinking water, including bottled drinking water, reasonably may be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily pose 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 Ulster County Health Department at 845-340-3150.

WHAT DOES THIS INFORMATION MEAN?

As you can see by the table on page 5, our system had no violations. We have learned through our monitoring and testing that some constituents have been detected; however, these compounds were detected below New York State requirements.

New York State has adopted the first in the nation drinking water standard for 1,4-Dioxane along with one of the lowest maximum contaminant levels for PFOA and PFOS. Public Water Supplies in NYS are required to test for PFOA, PFOS and 1,4-Dioxane. PFOA and PFOS have Maximum Contaminant Levels (MCL) of 10 parts per trillion each while 1,4-Dioxane has an MCL of 1.0 parts per billion. The Town of Woodstock monitoring detected PFOS at Pumphouse 1 at a concentration below the MCL in July & December. This can be found in the table on page 5.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?

During 2024, our system 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 microbiological pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

INFORMATION ON LEAD SERVICE LINE INVENTORY

The Lead and Copper Rule Revisions (LCRR) requires every federally defined community and non-transient, non-community water system to develop a service line inventory (also called a lead service line inventory (LSLI)).

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.

The Woodstock Water District's distribution system has no lead, galvanized requiring replacement, or lead status unknown service lines and/or visiting the website at: https://www.health.ny.gov/environmental/water/drinking/service_line/NY5503394.htm

INFORMATION ON LEAD

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*. Woodstock Water District 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. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. 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, or 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 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 Woodstock Water District, Larry Allen Jr (845) 679-2356. 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>.

CAPITAL IMPROVEMENTS

During 2024 there were no major capital projects. There are no projects planned for 2025.

WATER CONSERVATION TIPS

The Woodstock Water District encourages water conservation. There are a lot of things you can do to conserve water in your own home. Conservation tips include:

- ◆ Only run the dishwasher and clothes washer when there is a full load
- ◆ Use water saving showerheads
- ◆ Install faucet aerators in the kitchen and the bathroom to reduce the flow from 4 to 2.5 gallons per minute
- ◆ Check faucets, pipes and toilets for leaks and repair all leaks promptly
- ◆ Take shorter showers

In cases of drought or other water emergencies, the Woodstock Town Board may implement the following water restrictions:

- ◆ No watering of lawns or gardens.
- ◆ No washing of cars, driveways, or sidewalks.
- ◆ No filling of pools.

Violations of these provisions of Section 8-4-5 of the Water District Regulations are punishable under Section 11.

Watch for notices concerning the Woodstock Water District in the Kingston Daily Freeman and the Woodstock Times. Questions may be directed to the Woodstock Town Clerk's office at (845) 679-2113 extension 4.

CLOSING

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit our water users. We ask that all our water users help us protect our water sources, which are the heart of our community. Please call our office if you have questions.

TOWN OF WOODSTOCK TABLE OF DETECTED CONTAMINANTS Public Water Supply Identification Number NY5503394							
Contaminant	Violat ion Y/N	Date Collected	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants (numbers in boldface are from Pumphouse #1, plain type Pumphouse #2)							
Copper Range of copper concentrations	N	8/6/24- 8/7/24	0.602 ¹ 0.18-0.722	mg/l	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead Range of lead concentrations	N	8/6/24- 8/7/24	ND ² ND-2.1	µg/l	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen) samples from Pump House #1	N	5/7/24	0.533	mg/l	10	MCL=10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Pump House # 2			0.180				
Sodium ³	N	7/11/23	25.6-23.7	mg/l	N/A	N/A	Geology; Road Salt
Polyfluoroalkyl Compounds							
PFOS Pump House #1	N	5/7/24	2.39	ng/l	N/A	MCL=10	Released into the environment from widespread use in commercial and industrial applications.
PFOS PumpHouse #1 Well#1		7/24/24	1.41				
PFOS PumpHouse #1 Well#2		7/24/24	3.16				
PFOS PumpHouse #1 Well#2		12/11/24	2.21				
Disinfection Byproducts							
Chlorine Residual, Free (average) daily samples	N	Daily Testing	1.1 0.8- 1.8	mg/l	N/A	MCL=4	Used in the treatment and disinfection of drinking water
Stage 2 Haloacetic Acids [HAA5]	N	7/23/24	1.70-661	µg/l	N/A	MCL=60	By-product of drinking water disinfection needed to kill harmful organisms.
Stage 2 Total Trihalomethanes [TTHM]	N	7/23/24	3.51-9.59	µg/l	N/A	MCL=80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains organic matter.
NOTES- 1. The level presented represents the 90 th percentile of 10 test sites. The action level for copper was not exceeded at any of the sites tested 2. The level presented represents the 90 th percentile of 10 test sites. The action level for lead was not exceeded at any of the sites tested 3. Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted sodium diets. Non-Detects (ND) - laboratory analysis indicates that the contaminant is not present. Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000. Parts per billion (ppb) or Micrograms per liter(µg/l) - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000. Parts per trillion (ppt) or Nanograms per liter (nanograms/l) (ng/l)- one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000. Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water 90 th Percentile Value- The values reported for lead and copper represent the 90 th percentile. 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 90 th percentile is equal to or greater than 90% of the lead and copper values detected at your water system Action Level - the concentration of a contaminant, which, if exceeded, triggers treatment, or other requirements, which a water system must follow. Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water. Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. Maximum Contaminant Level Goal The "Goal" (MCLG) is 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. N/A-Not applicable							

As illustrated in the table, our monitoring and testing detected some contaminants; all other contaminants were below the maximum levels permitted by the State, known as the maximum contaminant levels (MCL). Many of the test results were NON-DETECTABLE. The type/group (number of contaminants in each group) tested for were as follows: volatile organic compounds (52) +MTBE, synthetic organic compounds (39), asbestos, color, and radiological chemicals (4). The inorganic contaminants tested for were: iron, manganese, arsenic, barium cadmium, chromium, mercury, silver, selenium, zinc, antimony, beryllium, thallium, and cyanide. The microbiological contaminants (2) total coliform, *E. coli*.

**Woodstock Water District
NY5503394
Source Water Assessment Summary**

The NYSDOH has completed a source water assessment for this system, based on available information. Possible and actual threats to this drinking water source were evaluated. The state 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 for contamination of the source water, it does not mean that the water delivered to consumers is, or will become contaminated. *While nitrates were detected in our water, 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 from natural sources. The presence of contaminants does not necessarily indicate that the water poses a health risk.* See section “Are there 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 mentioned before, our water is derived from 7 drilled wells. The source water assessment has rated these wells as having a high susceptibility to microbials and nitrates, and a medium to high susceptibility to industrial solvents, and other industrial contaminants. These ratings are due primarily to the close proximity of a permitted discharge facility (industrial/commercial facilities that discharge wastewater into the environment and are regulated by the state and/or federal government.) In addition, the wells draw from fractured bedrock and the overlying soils do not provide adequate protection from potential contamination. Please note that, while the source water assessment rates our well as being susceptible to microbials, our water is disinfected to ensure that the finished water delivered into your home meets the New York State drinking water standards for microbial contamination.

A copy of this assessment, including a map of the assessment area, is posted on the Town of Woodstock Water Department webpage, address below:

<https://townwoodstock.digitaltowpath.org:10111/content/Departments/View/3>