



# **Annual Drinking Water Quality Report for 2024**

## **Centers Healthcare (Cooperstown Center)**

**128 Phoenix Mills Cross Road, Cooperstown, New York 13326  
(Public Water Supply ID: NY3830079)**

### **INTRODUCTION**

To comply with State regulations, Cooperstown Center Healthcare will be annually issuing a report describing the quality of your drinking water for Cooperstown Center. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. We proudly report that our system did not violate a maximum contaminant level. 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. Shean Robinson, Director of Maintenance and water system 607-544-2697. If you have any questions about this report or your drinking water, please contact Shean, who is available anytime to discuss any water system questions. We have our daily staff meetings at 9:00 am/M-F.

### **WHERE DOES OUR WATER COME FROM?**

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. It 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 the EPA prescribe regulations which limit the amount of certain contaminants in water provided by public water systems.

Our water system serves approximately 500 people and has one service connection line. Our water source is two groundwater wells that are 250 + or – ft. Well, #1 is located 8' off the Southwest corner of A-Wing. Well, #2 is located 46' off the Southeast corner of B-Wing. We pump from the wells alternatingly and do not draw from the surface of the raw water source. The water is treated with chlorine before entering an 188,000-gallon storage tank. This process is monitored daily for correct levels. Chlorine is added to disinfect the well water of any contaminants and kept within NYSDOH guidelines. This is checked each day to maintain levels.

Potential sources of contamination for these wells would naturally include but are not limited to, farming activities, erosion of natural deposits, soil, and storm runoff. The well locations are constantly monitored for any activities that may contaminate them.



## **ARE THERE CONTAMINANTS IN OUR DRINKING WATER?**

As the State regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include total coliform, inorganic compounds, nitrate, lead, and copper, volatile organic compounds, total trihalomethanes, haloacetic acids, and radiological and synthetic organic compounds. 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 repetitive, is more than one year old.

It should be noted that all drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791 or the Oneonta (District Office) Health Department at (607) 432-3911.

Table of Detected Contaminants							
Contaminant	Violation Yes/No	Date of Sample	Level Detected (Avg/Max) (Range)	Unit Measurement	Regulatory Limit (MCL, TT or AL)	MCLG	Likely Source of Contamination
Barium	NO	9/13/2022	0.15	mg/l	MCL=2000	2000	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Arsenic	NO	9/13/2022	6.1	ug/l	MCL=10	n/a	Erosion of natural deposits; runoff from orchards, runoff from glass and electronics production wastes.
Nickel	NO	9/13/2022	0.0015	mg/l	N/A	N/A	Naturally occurring
Lead	NO	9/12/2023	90% = 6.6 <sup>1</sup> Range (ND-11)	ug/L	AL = 15	0	Corrosion of household plumbing systems; Erosion of natural deposits
Copper	yes	9/12/2023	90% = 0.2595 <sup>2</sup> Range (0.034-0.42)	mg/L	AL = 1.3	1.3	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives.
Total Trihalomethanes (TTHMs – chloroform, bromodichloromethane, dibromochloromethane, and bromoform)	NO	9/13/2022	4.7	ug/L	MCL=80	n/a	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains organic matter.
Halo acetic Acids (mono-, di-, and trichloroacetic acid, and mono- and dibromo acetic acid)	NO	9/13/2022	1.2	ug/L	MCL=60	n/a	By-product of drinking water chlorination needed to kill harmful organisms.

### **Footnotes:**

1)The level presented represents the 90th percentile of the 5 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 in your water system. In this case, 5 samples were collected at your water system, and the 90th percentile value was the highest was 420 ug/l, and the next highest was 99 ug/l . The action level for copper was not exceeded at any of the sites tested.

2)The level presented represents the 90th percentile of the 5 samples collected. The action level for lead was not exceeded at any of the sites tested.

### **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 using the best available treatment technology.
- **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 contaminant, which if exceeded, triggers treatment, or other requirements, which a water system must follow.
- **Milligrams per liter (mg/l)**: Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).
- **Micrograms per liter (ug/l)**: Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).
- **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.

### **WHAT DOES THIS INFORMATION MEAN?**

As you can see by the table, our system had no MCL or AL violations. We have learned through our testing that some contaminants have been detected; however, these contaminants were detected below New York State requirements.

We are required to present 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. [Water Supply Name] 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 [Water Supply Name and Contact Information]. 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>.

### **Arsenic Information**

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 current federal drinking water requirements. Although arsenic was detected below the MCL, it was detected at 6.1 ug/l which is greater than one-half of the MCL. Therefore, we are required to present the following information on arsenic in drinking water:

“NYS and EPA have promulgated a drinking water arsenic standard of 10 parts per billion. While your drinking water meets the standard for arsenic, it does contain low levels of arsenic. The standard balances the current understanding of arsenic’s possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effect of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.”

### **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.

### **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 contacting Shean Robinson, Director of Maintenance and water system 607-544-2697.

### **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. **EPA Website:**  
[www.epa.gov/safewater/](http://www.epa.gov/safewater/)

## **SOURCE WATER ASSESSMENT SUMMARY**

The NYS DOH has completed a source water assessment for this system based on available information. Possible and actual threats to the drinking water sources 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 (and other inorganic contaminants) were detected in our water, it should be noted that all drinking water, including bottled drinking water, might 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. The nitrate levels in our sources are not considered high in comparison with other sources in this area. See section “Are there contaminants in our drinking water?” for a list of the contaminants that have been detected.

As mentioned before, our water is derived from two drilled wells. The source water assessment has rated these wells as having a high/very high susceptibility to microbial, nitrates, industrial solvents and other industrial contaminants. These ratings are due primarily to the close proximity of permitted discharge facilities (Industrial/Commercial Facilities that discharge wastewater into the environment and are regulated by the State and/or Federal Government) – generally noted as SPDES or NPDES facilities, low intensity residential activities, pasture manure pile(s) and fertilizer use/bulk storage facilities within the assessment area. In addition, the wells draw from fractured bedrock and the overlying soils are not known to provide adequate protection from potential contamination.

While the source water assessment rates our wells as being susceptible to microbial, please note that our water is disinfected to ensure that the finished water delivered into your facility meets New York State’s drinking water standards for microbial contamination.

## **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.



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 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.