

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

High Turbidity Levels in City of Syracuse Skaneateles Lake Source

Our water system recently violated a drinking water standard. At this time there is no public health concern. This violation was due to a rise in turbidity at our source, Skaneateles Lake. The drinking water regulations require us to mail this notice to our customers when this type of violation occurs in an effort to ensure the public is informed on drinking water issues. Although this situation does not require that you take immediate action, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

A drinking water standard was violated. Your water is routinely monitored for turbidity (cloudiness) to determine if it is effectively being treated. The results of samples collected from Skaneateles Lake on January 9-11, 2024 and again on January 13, 2024 showed turbidity levels above the maximum allowable standard of 5 Nephelometric Turbidity Units (NTU). During these periods, the turbidity reached maximum levels of 58.3 NTU and 18.96 NTU, respectively. Elevated levels of turbidity can interfere with disinfection and may indicate the presence of disease-causing organisms.

What happened? What was done?

The turbidity increased in Skaneateles Lake due to excessively high winds stirring up sediments on the lake bottom. The turbidity level measured above the maximum level of 5 NTU for an extended period of time (approximately 49 hours) between January 9, 2024 and January 11, 2024 resulting in a turbidity event. The turbidity level measured above the maximum level of 5 NTU for an extended period of time (approximately 16.5 hours) on January 13, 2024 resulting in a turbidity single exceedance. The high turbidity water did not enter the City of Syracuse's drinking water distribution system. Water from Skaneateles Lake flows directly to the City's Westcott storage tanks and Woodland reservoir where turbidity settles out before entering the distribution system. The water at Westcott and Woodland is also treated with UV light, which provides a secondary level of disinfection against potentially harmful microbiological contaminants such as *Cryptosporidium* and *Giardia*. The levels of UV intensity remained high ensuring the UV systems' effectiveness before, during, and after the violation.

What should I do?

These incidents constituted violations as specified in the New York State Sanitary Code 10 NYCRR Section 5-1.30(c)(2) and NYS Sanitary Code Sub-part 5-1.30(c)(d). This was not an emergency and no action is required on your part; however, as our customer you have a right to know the circumstances. There is no reason to stop using the water supplied to your home/business as a result of this violation. You are not required to boil your water. If you have specific health concerns, consult your doctor.

State and federal drinking water rules require public notification that includes the following language: *Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms such as bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.*

The symptoms above have many causes that are unrelated to this issue. If you are concerned that you have the above symptoms, particularly if they are severe or persistent, you should seek medical advice. While there is no reason to believe this wind-driven turbidity incident introduced any microbiological contaminants into the drinking water, people with severely compromised immune systems, infants and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.

For more information, please contact the City of Syracuse Water Department at 315-448-8340 or 315-448-8373 or the Onondaga County Health Department at 315-435-6600.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail. Landlords and building managers responsible for multi-family dwellings—please post this notice in a conspicuous place.