

## SOURCE WATER MONITORING

The USEPA has required public water systems that use surface water to monitor for Cryptosporidium, E. coli and turbidity based on system size and filtration type. The Avon Lake water plant has always monitored Lake Erie water for E. coli and turbidity as part of the treatment process. Monthly source water samples were analyzed for Cryptosporidium beginning in April 2008 thru March 2015 and none were detected.

## IS THERE A RISK?

Although Sheffield Lake's drinking water surpasses all state and federal water quality standards, some people may be more vulnerable to contaminants 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 about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

## HOW CAN YOU LEARN MORE?

Please contact Thomas Erwin, Responsible Operator in Charge, or Patrick Hastings, Superintendent, at 440-949-6259 for additional information. In addition, the public is welcome to attend the regularly scheduled meeting of the Sheffield Lake City Council on the second and fourth Tuesday of each month at 7:00PM at the Sheffield Lake City Hall, 609 Harris Road.

## ABOUT OUR VIOLATION

The Lorain Water system routinely analyzes their filtered water more frequently than required by the EPA. In 2015, the laboratory analyzed 8,760 routine samples for turbidity (cloudiness), and 7 were found to be higher than the standard of 1.0 NTU. On April 9, our regular sampling indicated that the turbidity (cloudiness) levels exceeded the 1.0 NTU standard for a period of 4 hours and showed a level as high as 2.75 NTU and again on April 10 for a period of 3 hours, which showed a level of 3.80 NTU.

The turbidity (cloudiness) events that occurred were caused by an underfeed of the chemical used to remove turbidity (cloudiness). The Water Plant personnel corrected the problem by placing different feed equipment in service.

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. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

# SAFE WATER ON TAP!



The City of Sheffield Lake  
is committed to supplying  
safe water that surpasses all  
state and federal standards.

2015  
Water  
Quality  
Report

City of Sheffield Lake  
609 Harris Road  
Sheffield Lake, OH 44054

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