

# IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

## Lexington Failed to Meet Treatment Technique Requirements During December 2017

Our water system failed to maintain the required level of additional treatment for *Cryptosporidium* during December 2017. Lexington installed Ultraviolet Light (UV) treatment but in order to receive treatment credit, the system must treat at least 95 percent of the water delivered to the public during each month by UV reactors operating within validated conditions for the required dose. Water delivered outside these conditions is considered off-specification water. In December 2017, the PWS failed to meet this requirement, reporting 6.5 percent off-specification water produced during the month.

### What should I do?

There is nothing you need to do unless you have a severely compromised immune system, have an infant, or are elderly. These people maybe at increased risk and 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 the U.S. Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791. If you have specific health concerns, consult your doctor.

### What does this mean?

This is not an emergency. If it had been, you would have been notified within 24 hours. Inadequately treated water may contain disease-causing organisms. These organisms include: bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. When the treatment technique requirements are violated, it indicates that a treatment plant's operation is inadequate. You have a right to know what happened and what we did to correct the situation.

### What happened? What is being done? (Describe corrective actions.)

During a short period in December 2017, the Lexington Water Staff noted the new UV (Ultraviolet) analyzer had a reading that seemed inconsistent. This unit measures the intensity of the UV light that is used to help disinfect the water. It was identified that the sensor was showing a false reading and there was not an issue with the water but simply a small part that needed maintenance in the unit. The unit has an automatic cleaning system that operates each day to clean the unit. The City needs to clean the small chamber manually after a certain period of time. This was not done. All employees have been trained on the cleaning of the chamber and it has been added to the monthly maintenance schedule. Once cleaned, the unit was back to 100%. Due to this reading being out of the range of the specifications, it is required that the City notify the public of this occurrence that was slightly out of the regulations for the UV system.

For more information, please contact: Joe Clifford at 660-251-1231 or 919 Franklin Ave., Lexington, Mo. 64067

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You may also contact the Missouri Department of Natural Resources Kansas City Regional Office at 816-251-0700 or Public Drinking Water Branch at 573-526-6925.

*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.*

This notice is being sent to you by Lexington  
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