

# IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

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## Lake Egypt Water District Does Not Meet Treatment Requirements

Our water system recently violated a drinking water standard. Our supply was unable to meet the requirements during the second quarter of 2024. Although this was not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation. Surface water systems using conventional filtration must demonstrate that Total Organic Carbon (TOC) removals are in compliance with either the Step 1 TOC removal requirements or meet the requirements of alternative compliance criteria.

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### What should I do?

- ◆ You do not need to use an alternative (e.g., bottled) water supply. However, if you have specific health concerns, consult your doctor.
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### What does this mean?

This is not an immediate risk. If it had been, you would have been notified immediately.

Total organic carbon (TOC) has no health effects. However, TOC provides a medium for the formation of disinfection byproducts. These byproducts include trihalomethanes (THMs) and haloacetic acids (HAAs). Drinking water containing these byproducts in excess of safe levels, may lead to adverse health effects, liver or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer. Currently, Lake Egypt Water District has not exceeded the safe level for disinfection byproducts as established by the Illinois EPA (IEPA).

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### What happened? What is being done?

Due to constant changes in the quality of the water at Lake of Egypt, treatment processes at Lake Egypt Water District are actively monitored for efficiency and changed as required to increase the reduction of TOC. In the last few years as the naturally occurring TOC content of the lake has changed, the treatment process has also been required to change to continue meeting IEPA standards. Water treatment staff is actively working with the IEPA to increase treatment efficiency, increase monitoring, and reduce the TOC content in the drinking water. It is expected that our TOC removal average will once again increase to an acceptable level by the end of the fourth quarter of 2024.

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*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).*



## VILLAGE OF GOREVILLE

Water/Sewer Department  
100 South Broadway Street  
Goreville, IL 62939

January 23, 2025

RE: Water System ID# IL0870200

Dear Goreville Water Customer:

The Village has been notified of an Illinois EPA violation, that is attached to the violation we informed you of in September 2024. It was a violation through our supplier, Lake of Egypt Water District.

***Per Illinois EPA: This Agency is authorized to require this information under 415 ILCS 5/17.5. Failure to disclose this information may result in a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This has been approved by the Forms Management Center. IL532-2626, PWS266 Revised (3/11)***

***Public Notification Must be issued for the following violation(s): Violation Description- Inadequate DBP Precursor Removal, Contaminant(s)-Carbon, Total, Level Found-N/A, Compliance Period-7/1/2024-7/31/2024, PN Tier-2, VLID-110099.***

Our last public notice regarding this violation covered 4/1/2024-4/30/2024, 5/1/2024-5/31/2024, and 6/1/2024-6/30/2024. However, the Illinois EPA had inadvertently omitted 7/1/2025-7/31/2025, which is now the purpose of this notice.

An explanation from the Lake of Egypt Water District, of what this means, is attached to this letter. Please share this information with all the other people who drink this water, especially those who may not have received this notice directly.

There is nothing you need to do at this time. If you have questions regarding this violation, please contact Sam Mighell with Goreville Water Department at 618-995-2157.

Sincerely,

Sam Mighell  
Water Superintendent