

Mandatory Language for a Maximum Contaminant Level Violation – TTHM

The Texas Commission on Environmental Quality (TCEQ) has notified the CITY OF FLORENCE, TX2460005 public water system that the drinking water being supplied to customers had exceeded the Maximum Contaminant Level (MCL) for total trihalomethanes. The U.S. Environmental Protection Agency (U.S. EPA) has established the MCL for total trihalomethanes to be 0.080 milligrams per liter (mg/L) based on a locational running annual average (LRAA) and has determined that it is a health concern at levels above the MCL. Analysis of drinking water in your community for total trihalomethanes indicates a compliance value in quarter two 2025 of 0.096 mg/L for DBP2-01.

Trihalomethanes are a group of volatile organic compounds that are formed when chlorine, added to the water during the treatment process for disinfection, reacts with naturally-occurring organic matter in the water.

Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidney, or central nervous systems, and may have an increased risk of getting cancer.

You do not need to use an alternative water supply. However, if you have health concerns, you may want to talk to your doctor to get more information about how this may affect you.

We are taking the following actions to address this issue:

The CITY OF FLORENCE is actively working to reduce the levels of total trihalomethanes (TTHMs) in our drinking water system. Our corrective actions include:

- Flushing the water distribution system to reduce water age and improve circulation, which helps lower the formation of disinfection byproducts.
- Optimizing chlorine dosing practices to ensure effective disinfection while minimizing the potential for trihalomethane formation.
- Conducting a thorough evaluation of treatment processes and source water quality to identify contributing factors.
- Coordinating with the Texas Commission on Environmental Quality (TCEQ) for technical guidance and to ensure all corrective actions meet regulatory requirements.

We are committed to resolving this issue as quickly as possible and will continue to keep the public informed. Protecting public health and delivering safe, high-quality drinking water remains our top priority.

Please share this information with all people who drink this water, especially those who may not have received this notice directly (i.e., 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.

If you have questions regarding this matter, you may contact City of Florence at 254-793-2490.

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