

MISSION BEND MUNICIPAL UTILITY DISTRICT NO.2

MCL, LRAA / TTHM, TOTAL HALOACETIC ACIDS (HAA₅)

The Texas Commission on Environmental Quality (TCEQ) has notified the Mission Bend MUD 2, TX1011826, 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 the locational running annual average (LRAA), and has determined that it is a health concern for levels above the MCL. Analysis of drinking water in your community for total trihalomethanes indicates a compliance value in quarter two of 0.083 mg/L for DBP2-03.

Trihalomethanes are groups 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 alternate 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 TCEQ Subcontractor has collected, and continues to collect, quarterly samples and test for TTHMs since 2013 with only one sample, which was collected in April 2024, exceeding the limit. At the time of collection, one of our water plants was offline while maintenance was being performed, so the results were not necessarily representative of the water that is normally distributed. We expect the TTHM levels to return to normal now that both water plants are on-line. We will continue to collect laboratory samples and monitor the situation until the TTHM concentration is back to the anticipated levels.

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 Michael Thornhill at 832-490-1635 and/or by e-mail at mthornhill@sienviro.com.