

**Mandatory Language for Surface Water Treatment Technique Violation**  
**SURFACE WATER TREATMENT TECHNIQUE: NON-ACUTE**

The Texas Commission on Environmental Quality (TCEQ) sets minimum water quality standards for public drinking water. These standards include enforceable treatment technique requirements for drinking water. Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. This notice is to advise you of a non-acute treatment technique violation. You do not need to use an alternative water supply due to this situation.

The Canyon Regional Water Authority (CRWA), Lake Dunlap Water Treatment Plant, PWS ID TX0940091, failed to meet the minimum treatment technique requirements for the months of November 2018 - April 2019. Specifically, our water system had a failure to provide *Cryptosporidium* treatment.

CRWA failed to perform Direct Integrity Testing on its Membrane Filter systems as required by the TCEQ during the timeframes noted above. CRWA has re-instituted Direct Integrity Testing in its water treatment process.

**Mandatory Language for Monitoring and Reporting Violation**  
**SURFACE WATER MONITORING, ROUTINE, MAJOR**

The Canyon Regional Water Authority (CRWA) Lake Dunlap WTP water system PWS ID TX0940091 has violated the monitoring and reporting requirements set by Texas Commission on Environmental Quality (TCEQ) in Title 30, Texas Administrative Code (30 TAC), Section 290, Subchapter F. Public water systems that treat surface water and/or ground water under the direct influence of surface water are required to submit monthly operating reports with operational data of the treatment, disinfection and quality of the water provided to their customers.

Results of regular monitoring are an indicator of whether or not your drinking water is safe from microbial contamination.

CRWA failed to correctly report for the months of November 2018 to April of 2019 that Direct Integrity testing was not being performed on the Membrane filter systems. Results of regular monitoring are an indicator of whether or not your drinking water is safe. We did not complete all reporting for a surface water treatment technique, and therefore TCEQ cannot be sure of the safety of your drinking water during that time.

CRWA has resubmitted the monthly operating reports for that period and has resumed Direct Integrity testing.

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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 Canyon Regional Water Authority at (830) 609-0543 or Micaela Bandel, City Administrator, City of Marion at (830) 914-2391.

Notices were Posted/Delivered on: June 28, 2019

**Mandatory Language for a Maximum Contaminant Level (MCL) Violation -  
MCL, AVERAGE (BROMATE)**

The Texas Commission on Environmental Quality (TCEQ) has notified the Canyon Regional Water Authority, PWS ID TX0940091 that the drinking water supplied to customers exceeded the Maximum Contaminant Level (MCL) for bromate. The U.S. Environmental Protection Agency (U.S. EPA) has established the MCL for bromate to be 0.010 milligrams per liter (mg/L) based on the running annual average of monthly samples, and has determined that it is a health concern at levels above the MCL. Analysis of drinking water in your community for bromate indicates a compliance value of 0.015 mg/L within the distribution system (DS01) based on the sample results obtained for the first two months of the quarter ending June 30, 2019. While the June 2019 sample results are not yet collected or analyzed, Canyon Regional Water Authority wants to provide you this early notice as a proactive measure to inform you of this exceedance before the end of the 2<sup>nd</sup> quarter of 2019. Customers may contact Canyon Regional Water Authority ((830) 609-0543) to obtain bromate sample results for June 2019 when those results become available.

Bromate is formed when the ozone used to treat drinking water interacts with bromide that is naturally found in some sources waters.

Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of getting cancer.

You do not need to use an alternative water supply to address this situation. CRWA has already taken steps to address this issue. However, if you have health concerns, you may want to talk to your doctor to get more information about how this may affect you.

CRWA has adjusted its treatment process to address this issue. CRWA is continuing to take monthly samples to monitor bromate levels to ensure that they do not exceed 0.010 milligrams per liter (mg/L)

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If you have questions regarding this matter, you may contact Canyon Regional Water Authority at (830) 609-0543 or Micaela Bandel, City Administrator, City of Marion (830) 914-2391.

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