

# Public Drinking Water Notice

PWS/1540001/CO

The U.S. Environmental Protection Agency (EPA) has set maximum “allowable levels” for certain contaminants in drinking water. These levels are referred to as MCL (Maximum Contaminant Levels). When the Texas Commission on Environmental Quality (TCEQ) notifies the City that our drinking water supply shows that the allowable levels for certain contaminants have been exceeded, we are required to notify our citizens. This is a mandatory/required quarterly notification regarding contaminant levels of Radium, Gross Alpha (excluding Radon and Uranium) in our drinking water for the time frames indicated below.

## **Mandatory language for Maximum Contaminant Level (MCL) Violation, COMBINED RADIUM -226 & RADIUM -228**

TCEQ has notified the CITY OF BRADY that the drinking water being supplied to customers had exceeded the MCL for COMBINED RADIUM (-226 & -228). EPA has established the MCL for COMBINED RADIUM (-226 & -228) at 5 pico curies per liter (pCi/L), based on a running annual average (RRA), and has determined that it is a health concern at levels above the MCL. Analysis of drinking water in your community for **COMBINED RADIUM (-226 & -228) indicates a level during quarter four of 2021 of 18 pCi/L for EP002, 20 pCi/L for EP003, 39 pCi/L for EP004, 13 pCi/L for EP005, 22 pCi/L for EP006, and 13 pCi/L for EP007**

**This is not an emergency.** However, some people who drink water containing Radium -226 and/or -228 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.** 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 working to correct the problem: The City of Brady has engaged professional engineering services in which probable technical solutions have been derived to reduce radionuclides in the drinking water. The City of Brady expects to return to compliance on or about the year 2022.

## **Mandatory language for Maximum Contaminant Level Violation MCL, AVERAGE GROSS ALPHA, EXCL. RADON & URANIUM**

TCEQ has notified the CITY OF BRADY that the drinking water being supplied to customers had exceeded the MCL for Gross Alpha (excluding Radon and Uranium). EPA has established the MCL for Gross Alpha (excluding Radon and Uranium) at 15 pico curies per liter (pCi/L) based on a running annual average (RAA), and has determined that it is a health concern at levels above the MCL. **Analysis of drinking water in your community for Gross Alpha (excluding radon and uranium) indicates a level during quarter four of 2021 of 18 pCi/L for EP002, 21 pCi/L for EP003; 35 pCi/L for EP004, 25 pCi/L for EP006 and 17 pCi/L for EP007.**

**This is not an emergency.** Certain minerals are radioactive and may emit a form of radiation known as alpha radiation. Some people who drink water containing alpha emitters in excess of the MCL over many years may have increased risk of getting cancer.

**You do not need 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 working to correct the problem: The City of Brady has engaged professional engineering services in which probable technical solutions have been derived to reduce radionuclides in the drinking water. The City of Brady expects to return to compliance on or about the year 2022.

If you have any questions regarding these violations, you may contact Gary Jacobson at the City of Brady at 325-597-2244.

Please share all of 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.