

CITY OF SEAGRAVES
MCL, AVERAGE / FLUORIDE QUARTER FOUR 2021

The Texas Commission on Environmental Quality (TCEQ) has notified the **CITY OF SEAGRAVES TX0830001** that the drinking water being supplied to customers had exceeded the Maximum Contaminant Level (MCL) for fluoride. The U.S. Environmental Protection Agency (U.S. EPA) has established the MCL for fluoride at 4.0 milligrams per liter (mg/l) based on 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 fluoride indicates a compliance value in **QUARTER FOUR 2021** that exceeds 4.7 mg/L for EP001.

This is not an emergency. However, some people who drink water containing fluoride in excess of the MCL over many years could get bone disease, including pain and tenderness of the bones. Fluoride in drinking water at half the MCL or more may cause mottling of children's teeth, usually in children less than nine years old. Mottling, also known as dental fluorosis, may include brown staining and/or pitting of the teeth, and occurs only in developing teeth before they erupt from the gums.

An alternate source of water should be provided to the affected population, which consists of children less than nine years old. The alternate water should be used for drinking and cooking only. 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 is in the process of providing a reduced fluoride and arsenic water by a RO unit that is located at 612 9th Seagraves. This water will be provided to the public directly from the city's water system to the home tap. The City is currently awaiting the TCEQ to give the final approval for the CUF unit. If you have questions regarding this matter, you may contact Renee Goodger at 806-387-2013.

Violation Sample Results Report:

CITY OF SEAGRAVES PWS ID: TX0830001

EP001

Violation ID Number	Monitoring Period	Violation Description	Analyte Description	Calculated Compliance Value
100068343	4Q2021	MCL AVERAGE	FLUORIDE	4.7 mg/L
Results for Quarter 4 of 2021: FLUORIDE				
Sample ID: Q2128858001	10/14/2021	TRT-TAP	0.1 MG GST AT CITY YARD	4.83 mg/L
Results for Quarter 3 of 2021: FLUORIDE				
Sample ID: Q2117780003	07/07/2021	TRT-TAP	0.1 MG GST AT CITY YARD	4.52 mg/L
Results for Quarter 2 of 2021: FLUORIDE				
Sample ID: Q2109005002	04/08/2021	TRT-TAP	0.10MG GST AT CITY YARD	4.52 mg/L
Results for Quarter 1 of 2021: FLUORIDE				
Sample ID: Q2101036004	01/14/2021	TRT-TAP	0.1 MG GST AT CITY YARD	4.85 mg/L