

**Mandatory Language for a Maximum Contaminant Level Violation
MCL, AVERAGE / FLUORIDE**

The Texas Commission on Environmental Quality (TCEQ) has notified the CITY OF NEW HOME TX1530004 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 to be 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 two 2022 of 4.1 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:

We are currently in the planning & funding stage for a Reverse Flow RO System to filter out this problem

<corrective actions>

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 Cory Needham at (906) 445-1209 <water system official's name>
<area code + phone number>

Posted /Delivered on: 6/09/2022
<Date Posted>

**Violation Sample Results Report:
CITY OF NEW HOME PWS ID: TX1530004**

EP001

Violation ID Number	Monitoring Period	Violation Description	Analyte Description	Calculated Compliance Value
780009685	2Q2022	MCL, AVERAGE	FLUORIDE	4.1 mg/L

Results for Quarter 2 of 2022: FLUORIDE

Sample ID:Q2212421001 04/25/2022 TRT-TAP INSIDE PS AT BP 4.49 mg/L

Results for Quarter 1 of 2022: FLUORIDE

Sample ID:Q2207970005 03/08/2022 TRT-TAP INSIDE PS AT BP 3.93 mg/L

Results for Quarter 4 of 2021: FLUORIDE

Sample ID:Q2128314003 10/12/2021 TRT-TAP INSIDE PS AT BP 4.07 mg/L

Results for Quarter 3 of 2021: FLUORIDE

Sample ID:Q2117932002 07/08/2021 TRT-TAP INSIDE PS AT BP 4.08 mg/L