

## Public Notice - Fluoride Secondary Constituent Level Exceedance

The Texas Commission on Environmental Quality (TCEQ) has notified the GBRA CORDILLERA RANCH, TX1300048 that the drinking water being supplied to customers has exceeded the Secondary Constituent Level (SCL) of 2.0 mg/L for fluoride.


This is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). Cordillera Ranch receives its water from water wells that pump from the Trinity Aquifer and from Canyon Reservoir via the GBRA Western Canyon Water Treatment Plant. However, the section of Cordillera Ranch in which you live is served primarily by the Trinity Aquifer wells. This portion of the Trinity Aquifer has an elevated concentration of naturally occurring fluoride. The drinking water, as sampled January 29, 2018 and provided by your community water system GBRA CORDILLERA RANCH, has a fluoride concentration of 2.3 mg/L. GBRA is developing plans to blend more surface water from Canyon Reservoir with the Trinity Aquifer water to reduce the concentration of fluoride to meet secondary standard requirements. GBRA will complete this project during the third quarter of 2019.

Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternate sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4 mg/L of fluoride, (the U.S. Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4 mg/L of fluoride, but we are required to notify you when we discover that the fluoride levels in your drinking water exceed 2 mg/L because of this cosmetic dental problem.

For more information, please call Hunter Duncan of GBRA Cordillera Ranch at (830) 885-2639. Some home water treatment units are also available to remove fluoride from drinking water.

Sincerely,



Darel Ball  
Executive Manager of Operations

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