

BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 21
Notice of Fluoride

February 21, 2017

This is a notice about your drinking water and a cosmetic dental problem that might affect children under nine years of age. This is not an emergency. Brazoria County Municipal Utility District No. 21 (BC MUD 21), your water supplier, monitors the water quality in Savannah on a regular basis and recent test results indicate a higher than normal level of fluoride.

Fluoride is a naturally occurring element and at low levels, fluoride can help prevent cavities. However, children under nine years of age drinking water containing more than 2 milligrams per liter (mg/l) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system, BC MUD 21, has a fluoride concentration of 2.35 mg/l.

Dental fluorosis 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 alternative 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) over many years can increase your risk of developing bone disease. Your drinking water does not contain more than 4 mg/l of fluoride, but we're required to notify you when we discover that the fluoride levels in your drinking water exceed 2 mg/l because of the potential for cosmetic dental problems.

BC MUD 21 is closely monitoring the water quality and will notify residents when fluoride levels drop back down to normal levels. For more information, please contact the District Operator, EDP at 832-467-1599. Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-NSF-HELP.

Public Water System ID # 0200610