

REQUIRED FLUORIDE NOTIFICATION

This is an alert about 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).

Elevated natural fluoride levels (above the EPA's Secondary Maximum Contaminant Level) has been detected at the flowing water systems:

Central Water System – 3.32 mg/l at the Colonial Downs Well. This well serves the neighborhoods of Brickshire, Bel Green & Oakmont Villas. This well serves as a backup to the Farms of New Kent wells during periods of low pressure/high demand.

Courthouse Water System - 2.77 ppm at Well #1A & 2.47 ppm at Well #2. These wells serve Maidstone, The Oaks neighborhood, New Kent Elementary, Middle & High Schools as well as the County Administrative Campus.

Parham Landing Water System – 2.26 ppm at Well #1 & 2.43 ppm at Well #2. These wells serve Henrico Regional Jail East as well as the industrial corridor along Route 33.

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 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) 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 this cosmetic dental problem.

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 1-877-8-NSF-HELP."

For further information, you may contact the following individual:

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