



Metro Water District

Diablo Village Public Drinking Water System

ADEQ #AZ04-10-357

Tucson, AZ 85745

Dear Customers,

You, and your neighbors, are receiving this letter as an updated report on your drinking water. As you may have noticed on previous water quality reports, the ADEQ #AZ04-10-357 water source is from an aquifer that contains fluoride. The underground sediments that make up the aquifer contain fluoride as part of the natural rock formations. Fluoride is not added to your water by Metro Water District. The Arizona Department of Environmental Quality (ADEQ) requires special notification to customers when the amount of fluoride in drinking water is over 2.0 milligrams per liter (mg/L).

On 10/31/2022 and 08/08/2023 the concentration of fluoride was 3.3 mg/L and 3.0 mg/L, respectively. The ADEQ maximum contaminant level (MCL) for fluoride is 4.0 mg/L. Both of the instances above were below the MCL, but above the special notification limit. Fluoride contamination is rarely due to human activity. As stated above, fluoride occurs naturally in some areas and is found in the aquifer containing our source water. As such, we are providing you this additional notification and information.

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 mg/L of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis). The drinking water provided by your community water system, Metro Water District - Diablo Village, has a fluoride concentration of 3.0 mg/L.

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 water providers are required to notify you when we discover that the fluoride levels in your drinking water exceed 2 mg/L because of cosmetic dental problems.

It is normal for concentrations to fluctuate in a ground water aquifer. The next fluoride sample for your drinking water is scheduled in November 2023. Metro Water District continues to monitor our source water as part of our mission to deliver safe, reliable drinking water.

For more information, please call Margaret Snyder, the Water Quality Program Coordinator of Metro Water District at (520) 575-8100. 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.*

** Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, 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.*

Sincerely,



Joseph Olsen, P.E.

General Manager

This notice is being sent to you by: Metro Water District.

State Water System ID#: 10-357.

Date distributed: 11/6/2023