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Director of Public Utilities  
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COLONIAL DOWNS WATER SYSTEM  
BRICKSHIRE/BEL GREEN/OAKMONT VILLAS  
FLUORIDE PUBLIC NOTICE LETTER

Dear User,

The U.S. Environmental Protection Agency requires that we provide you this notice on the level of fluoride in your drinking water. The drinking in your community has a fluoride concentration of 2.98 milligrams per liter (mg/l).

Federal regulation requires that fluoride which occurs naturally in your water supply not exceed a concentration of 4.0 mg/l in drinking water. This is an enforceable standard called a Primary Maximum Contaminant Level (PMCL) and it has been established to protect the public health. Exposure to drinking water levels above 4.0 mg/l for many years may result in some cases of crippling skeletal fluorosis, which is a serious bone disorder.

Federal law also requires that we notify you when monitoring indicates that the fluoride in your drinking water exceeds the Secondary Maximum Contaminant Level (SMCL) of 2.0 mg/l. This SMCL is intended to alert families about dental problems that might affect children under nine years of age. The fluoride concentration of your water exceeds this federal guideline.

Fluoride in children's drinking water at levels of approximately 1 mg/l reduces the number of dental cavities. However, some children exposed to levels of fluoride greater than about 2.0 mg/l may develop dental fluorosis. Dental fluorosis in its moderate and severe forms is a brown staining and/or pitting of the permanent teeth.

Because dental fluorosis occurs only when developing teeth (before they erupt from the gums) are exposed to elevated fluoride levels, households without children under the age of nine are not expected to be affected by this level of fluoride. Families with children under the age of nine are encouraged to contact their family dentist to determine if there is a problem with dental fluorosis in your area.

Treatment systems are commercially available for home use which will reduce the fluoride level. Low fluoride bottled water that would meet all standards is also commercially available.

For further information, you may contact the following individual:

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