

MANDATORY HEALTH EFFECTS LANGUAGE **FLUORIDE**

June 12, 2017

Dear User,

Many public water systems are required by federal regulation to routinely analyze for fluoride levels in the drinking water they provide to consumers. Analyses of the drinking water in your community has found a level of *mg/l of fluoride. The US Environmental Protection Agency (EPA) has set a standard for fluoride at 2.0mg/l to minimize the occurrence of objectionable dental flourishes. That guideline was established to protect public welfare but it is not federally enforceable. EPA requires that this notice of monitoring results be provided to you.

Fluoride at the appropriate levels in the drinking water of children up to the age of nine reduces cavities. However, children exposed to levels of fluoride greater than 1.0 to 2.0 mg/l may develop dental fluorosis in their permanent teeth. Dental fluorosis, in its moderate and severe forms, is a discoloration (brown staining) and pitting of teeth.

Because fluoride affects only developing teeth, households without children would not be expected to be affected by this level of fluoride. Individuals with children under the age of nine are encouraged to seek other sources of drinking water for their children.

The EPA Maximum Contaminant Level (MCL) for fluoride is 4.0 mg/l. That standard is based upon protection from crippling skeletal flourishes, which may result from levels of 4.0 mg/l or more. The MCL is an enforceable standard and has been set to protect public health.

Your water supplier can lower the concentration of fluoride to the level where beneficial effects still occur (cavity prevention) and where the occurrence of dental flourishes is minimal. The technology for the removal of fluoride is currently minimal. The technology for the removal of fluoride is your monthly water bill. A treatment system for the removal of fluoride is currently available for home use. Information on such systems is available at the address given below. Low fluoride bottled drinking water that would meet all standards is currently available.

For further information, contact our office at (903) 886-3458 or write to North Hunt SUD P.O. Box 1170 Commerce, Texas 75429-1170.

(Your water tested 2.91 mg/l.)