

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## Fluoridation of Water Supply

**Fluoridation of the water supply is largely supported or recommended in the U.S. by:**

- American Water Works Association
- American Dental Association
- Center For Disease Control and Prevention (CDC)
- National Academy of Sciences
- U.S. Environmental Protection Agency (USEPA)
- U.S. Department of Health and Human Services
- Safe Drinking Water Act
- Texas Commission on Environmental Quality
- Texas Department of Health Services  
*(Supporting documentation attached)*

### **Current USEPA Standards:**

- Maximum Contaminant Level (MCL) - 4 milligrams per liter (mg/L)
- Maximum Contaminant Level Goal (MCLG) - 4 mg/L
- Secondary Maximum Contaminant Level (SMCL) – 2 mg/L
- USEPA is currently considering whether the fluoride standards should be lowered

### **NTMWD Fluoride Levels:**

- Raw (Lake Lavon) Water - Natural occurring fluoride averages 0.2 - 0.5 mg/L
- NTMWD average addition 0.3 mg/L - 0.4 mg/L
- NTMWD 2011 Highest Level Detected in treated water – 0.66 mg/L
- NTMWD 2011 Range of Levels Detected in treated water – 0.46 - 0.66 mg/L
- NTMWD adds hydrofluorosilicic acid to adjust fluoride levels, which are National Sanitation Foundation (NSF) certified & compliant with NSF Standard 60

**NTMWD, like the other major water providers and cities in Texas, fluoridate the water supply.**

- Arlington
- Austin
- Corpus Christi
- Dallas
- Fort Worth
- Houston
- San Antonio
- Upper Trinity Regional Water District

### **Based on 2010 CDC Statistics:**

- 73.9% of the U.S. population on community water systems receive fluoridated water
- 54,293 total community water systems in the U.S.
- 6,042 community water systems adjust the fluoride levels

### **NTMWD's Fluoridation of Water Supply:**

Fluoridation began in 1981 at the request of the Member Cities and with approval of the NTMWD Board of Directors

NTMWD will need request letters from its Member Cities before requesting the NTMWD Board of Directors consider any action to cease fluoridation.

Even if fluoridation is ceased, natural occurring fluoride will remain in the water supply.