



THE ADDITION OF FLUORIDE TO DOMESTIC DRINKING WATER

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MICHELLE HATCHER, PE,
DIRECTOR WATER
MANAGEMENT

MARK HILTY, ACA PUBLIC
WORKS

FLUORIDE ADDITION TO POTABLE WATER

- Benefits
 - In 2012, nearly 75% of United States served by community water systems has access to fluoridated water.
 - CDC names water fluoridation as one of the ten greatest public health achievements of the 20th century.
- Dosing – Fluorosilicic Acid 23-25%
 - TDEC & EPA guidance indicate concentration dosage of 0.7 mg/L
 - Average dose in distribution system (various locations, October 2018 – September 2019) = 0.47 mg/L
 - Harpeth Valley Utility District (January 2018 – December 2018) = 0.41 mg/L
 - Cost (October 2018 – September 2019) = \$38,500