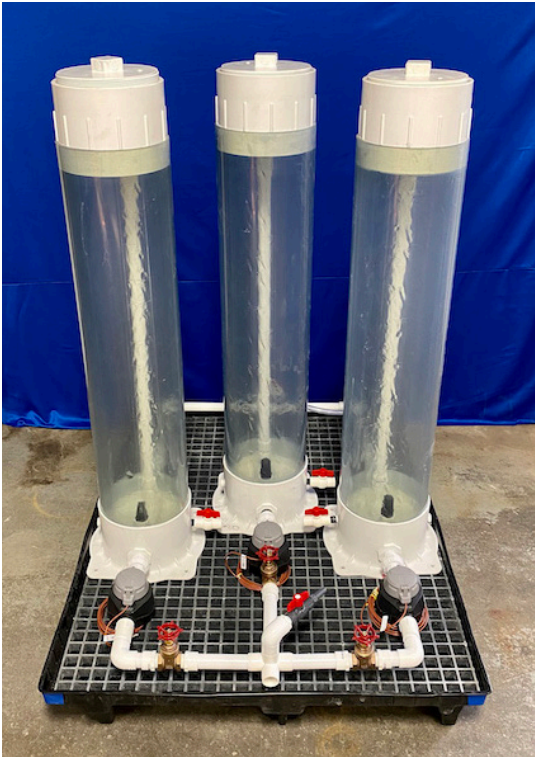


Community Water Fluoridation New Solution, Big Benefits



The sodium fluorosilicate tablet system, developed by Florida-based KC Industries and contracted by the Centers for Disease Control and Prevention, received NSF Standard 61 approval in December, 2020.

The National Sanitation Foundation, a global independent public health and environmental organization, developed the NSF Standard 61, a set of national standards that relates to water treatment.

The tablet system is a more cost-effective way to distribute fluoride into drinking water. It's an opportunity for smaller communities to distribute fluoride into their drinking water.

The system is designed for small to medium-size water systems with flow rates of up to one million gallons per day which serve up to 15,000 people. The system is designed to be safe, easy-to-use, low maintenance and an affordable option for smaller municipalities. The system allows access to benefits of water fluoridation for residents.

The feeder system works through the erosion of sodium fluorosilicate tablets in a patented New Fluoridation Feeder, similar to how chlorine is distributed into swimming pools.

The New Wave Fluoridation Feeder and Tablet system will be marketed by DuBois Chemicals throughout North America commencing January 1, 2021.

KC Industries has a long history in the application and use of fluoride products for use in water fluoridation, as both a producer and distributor. DuBois is one of the largest water fluoridation companies in North America, with over 75 years of combined experience in water fluoridation sales and technical staff.

This system will offer the benefits of community water fluoridation to a broader range of residents.



MISSISSIPPI
STATE DEPARTMENT OF HEALTH

To learn more, contact the Mississippi State Department of Health's
Environmental Health Program at 601-576-7680.

Benefits of Water Fluoridation

Community Water Fluoridation (CWF) is the controlled addition of a fluoride compound to a public water supply so that a concentration optimal for dental caries prevention is achieved.

Prevents tooth decay

Fluoride in drinking water is an efficient way to prevent one of the most common childhood diseases – tooth decay. An estimated 51 million school hours and 164 million work hours are lost each year due to dental-related illness. The Centers for Disease Control and Prevention named it one of 10 great health achievements of the 20th century.

Protects all ages

Studies show that fluoride in community water systems prevents at least 25 percent of tooth decay in children and adults. Schoolchildren living in fluoridated communities have on average 2.25 fewer decayed teeth when compared to similar children not living in fluoridated communities.

Safe and effective

For 79 years the best available scientific evidence has indicated that community water fluoridation is safe and effective. It has been endorsed by numerous U.S. Surgeons General. More than 100 health organizations recognize the health benefits of water fluoridation for preventing dental decay.

Saves Money

The average lifetime cost per person to fluoridate a water supply is less than the cost of one dental filling. In most cities, for every \$1 invested in water fluoridation \$38 is saved in dental treatment costs.

It's Natural

Fluoride is naturally present in groundwater and the oceans. Water fluoridation is an adjustment of fluoride in tap water to a recommended level for preventing tooth decay. It's similar to fortifying other foods and beverages, such as fortifying salt with iodine, milk with vitamin D, orange juice with calcium and bread with folic acid.

Nearly all developed countries practice fluoridation, just not always through water. Instead, salt is often used as the primary way of providing fluoride to the public. The World Health Organization supports fluoridation of water, salt and milk as a way to reduce dental decay.

Sodium fluorosilicate tablet system receives NSF Standard 61 approval

December 21, 2020