



## WATER / WASTEWATER FACILITIES

### City of Kingsport, Tennessee

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# Memo

To: Nikisha Eichmann

From: Tom Hensley

Date: February 21, 2023

Re: 2023 Chemical Pricing

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Plant staff has reviewed chemical pricing and recommends purchasing treatment chemicals as described below;

#### **Coagulant**

Gulbrandsen 6801 – Plant staff recommends purchasing from Gulbrandsen at \$0.5800/lb. Gulbrandsen has provided coagulant to our facility for approximately 20 years and Water Plant personnel remain pleased with both the product and service. This price is unchanged and will not affect total chemical costs.

#### **Chlorine**

Drinking water treatment requires Chlorine for disinfection. Plant staff recommends purchasing from Brenntag Chemical at \$0.9625/lb. This price is unchanged and will not affect total chemical costs

#### **Hydrofluorosilic Acid (Fluoride)**

The Kingsport Water Treatment Plant's fluoridation program has been approved by the Tennessee Department of Environment and Conservation (TDEC). Plant Staff recommends purchasing from Pencco Inc. at \$0.2410/lb. New pricing will result in an increase of \$6,645 for this treatment chemical.

#### **Zinc Orthophosphate**

The Tennessee Department of Environment and Conservation requires community water systems to maintain an approved corrosion control program. Accordingly, Zinc Orthophosphate is essential in maintaining water quality throughout our distribution system. Plant staff recommends Carus Corporation at \$1.35/lb. New pricing will equate to an increase of \$27,827 over current pricing relative to this treatment chemical.

#### **Polymer**

Polymer is used in the solids treatment process at the Waste Water Plant. Plant staff recommends Costal Water Technology at \$1.68/lb. The Waste Water Plant has been using Costal polymer for approximately 10 years and staff remains pleased with both product and service. New pricing will result in an increase of \$1822 for this chemical.