



WATER / WASTEWATER FACILITIES

City of Kingsport, Tennessee

Memo

To: Nikisha Eichmann
From: Tom Hensley
Date: February 17, 2025
Re: 2025 Chemical Pricing

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

Coagulant

USALCO, LLC (GPAC 6801)- Plant staff recommends purchasing from USALCO at \$0.62/lb, which is a \$0.03 increase. Water Plant personnel remain pleased with both the product and service. Total cost increase of \$7,500.00.

Chlorine

Drinking water treatment requires Chlorine for disinfection. Plant staff recommends purchasing from JCI Chemical at \$0.9125/lb (\$1825/ton). 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 \$0.249/lb, this is an increase of \$0.0155/lb. Total annual cost increase of \$1,875.50.

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 renewal of, at no price change, Carus Corporation at \$0.77/lb.

Sodium Permanganate

Drinking water treatment uses sodium permanganate to improve water quality by removing contaminants. This price from Chem Rite, Inc remains unchanged at \$1.11/lb.

Polymer

Polymer is used in the solids treatment process at the Waste Water Plant. Plant staff recommends Costal Water Technology at \$1.34/lb, \$0.06 increase due to packing. The Waste Water Plant has been using Costal polymer for approximately 10 years and staff remains pleased with both product and service. Total cost increase of \$3,720.00.