



**Pueblo West
COLORADO
Background Paper for Proposed
Resolution**

BOARD MEETING DATE: January 22, 2019

TO: Board President Terry Zupan, and Members of the Board

CC: Christina Vetter, District Manager

FROM: Jim Quam, Water Plant Manager

SUBJECT: 2019 Water Treatment Plant Polymer Chemical for Raw Water

SUMMARY

Water Treatment Polymers for TP-1 used for the treatment of surface water.

PREVIOUS BOARD ACTION:

Approved 2018 Budget

BACKGROUND

All items are used in water treatment at TP-1 for removal of organics in the raw water. The budget amount is approximately double of the actual amount used in 2018 due to the unpredictability and history of water quality and contaminates in Pueblo Reservoir.

The District has been using NALCO Water – an Ecolab Company (NALCO) polymers provide the precise chemical balance that optimizes our water treatment and where tested during startup of the facility and retested yearly. Nalco polymers provided the best treatment at the lowest cost and is optimized for the Pueblo West water filtration process and is propriety to NALCO. Pueblo West also gets a bulk discount by using NALCO products at both water and wastewater facilities.

Purate is a sole source product due to the fact that NALCO owns the generator, the service contract, and the Purate formulation.

FINANCIAL IMPLICATIONS:

The Department has budgeted \$231,000.00 for the purchase of chemicals in 2019. Line item 20-430-7242, and Requisition No. 11408

ALTERNATIVES:

No alternatives available.

RECOMMENDATION:

It is the Department's recommendation to continue using NALCO chemicals for the budgeted amount of \$231,000.00.

Attachments: Resolution 2019-

Nalco price quotes for 8157, 8102 and Purate for Chlorine Dioxide.