



**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:** Rich Fabbro, Wastewater Treatment Plant Manager

**SUBJECT: 2019 Lift Station #2 Bioxide Chemical for Hydrogen Sulfide (Odor & Corrosion) Control**

**SUMMARY**

The District has been using Evoqua Water Technologies, LLC (Evoqua) for several years as a sole source supplier for Bioxide chemical. Bioxide is a proprietary chemical of Evoqua and has been shown to provide excellent corrosion control for our sewage pumps and collection piping.

**PREVIOUS BOARD ACTION:**

Approved 2018 Budget

**BACKGROUND**

Wastewater when agitated releases the gas Hydrogen Sulfide (H<sub>2</sub>S). H<sub>2</sub>S gas is also present in the soils of the Pueblo region. This gas attacks our metal infrastructure. The Department purchases and applies Bioxide to the system to oxidize the H<sub>2</sub>S gas. This reduces odors coming from the lift stations and protects our metal infrastructure.

**FINANCIAL IMPLICATIONS:**

The Department has budgeted \$36,822.00 for the purchase of Bioxide in 2019. Line Item, 21-530-7242, Requisition No. \_\_\_\_\_

**ALTERNATIVES:**

No alternatives available.

**RECOMMENDATION:**

It is the Department's recommendation to continue using Evoqua Water Technologies, LLC for the budgeted amount of \$36,822.00

Attachments: Resolution 2019-