



*Where Life is Sweet*

Mayor and Members of the City Council  
**STAFF REPORT**  
For the Meeting of March 23, 2026

**Title/Subject**

Resolution 2415: Approving an equipment procurement for UV Disinfection equipment at the Recycled Water Treatment Plant.

**Summary**

This resolution will authorize staff to execute the documents necessary to procure new Ultra-Violet light disinfection equipment at the Recycled Water Treatment Plant.

**Background**

The City of Hermiston's sewage is treated to Class-A effluent (recycled water) before being discharged to the West-Extension Irrigation District in the summertime, and to the Umatilla River in the wintertime. The final step prior to discharge has historically been to disinfect the water using chlorine.

All sewage treatment facilities must abide by a National Pollutant Discharge Elimination System (NPDES) permit. The City of Hermiston received a new NPDES permit recently, and one of the requirements is to reduce/eliminate chlorine byproducts from our discharge; which are a result of disinfecting with chlorine.

Meanwhile, the cost of chemicals, predominantly driven by chlorine, has gone up significantly year over year for many years now. Compounding that problem is the relatively tenuous nature of the industrial chlorine supply chain. This has been brought to light several times over the past several years, raising the possibility of running out of chlorine.

Additionally, chlorine gas is deadly, and working with it can be dangerous. There has been at least one chlorine gas-related accident at the RWTP over the past few years causing concern for employee safety.

A project to change the disinfection process to one which simply uses extremely powerful ultra-violet lights has been called out in the City's adopted [Capital Improvements Plan](#) for a number of years. Due to the long lead-time on the equipment, and a DEQ imposed deadline to eliminate chlorine residuals under our NPDES permit, it is proposed to procure the UV disinfection

equipment now, and follow that up with a separate contract later this year to secure a contractor to perform all construction and installation necessary in 2027.

A request for proposals was issued earlier this year, and the following proposals were received.

- Glasco UV Ultraviolet Light Technologies: \$681,880.00
- Enaqua Non Contact UV: \$1,226,500.00

Due to the highly technical and niche nature of this equipment, it was anticipated that a small number of responses would be received. This is also why no Engineer's Estimate was furnished. The RFP included significant performance metrics which were reviewed in-depth by Anderson Perry & Associates, along with RWTP staff, and all feel comfortable recommending an award of this procurement contract to Glasco.

### **Tie-In to Council Goals**

City Facilities: Public facilities that meet the community needs of today and the future

### **Fiscal Information**

These improvements will be covered by the utility fund, and have been included in the adopted Capital Improvement Plan for several years.

### **Alternatives and Recommendation**

#### Alternatives

1. Approve Resolution 2415
2. Reject Resolution 2415
3. Table Resolution 2415

#### Recommended Action/Motion

Approve Resolution 2415

#### **Submitted By:**

Mark Morgan