



Staff Report-Consent

April 15, 2024 Council Regular Meeting

WWTP Headworks and Primary Clarifier Coating Construction Award

Presenter: Rob Charles, Utilities Manager

Time Estimate: 5 minutes

Phone	Email
360.817.7003	rcharles@cityofcamas.us

BACKGROUND: The City experiences a high amount of hydrogen sulfide in its sewer system due to the number of STEP systems in the collection system. Hydrogen sulfide is damaging to many materials including concrete, found in the city's headworks, and metal, found in the primary clarifiers. The City has had its consultant team, HDR, Inc., working on design plans to recoat the surfaces due to damage in both the headworks and primary clarifiers.

SUMMARY: The 2024 budget for the WWTP includes funding to pay for these repairs. The city received two bids on the recoating project on March 27, 2024;

- Stellar J - \$1,653,854.50
- **Prospect Construction - \$1,273,149.85 Low Bidder**

The engineer's estimate on the project was \$1.8M.

Staff finds that the low bid is reasonable and recommends bid award.



Figures 1-2: Damaged concrete in Headworks



Figures 3-5: Corroded Metal in Primary Clarifier Basin

POTENTIAL CHALLENGES: The concrete below the flow line of incoming raw sewage will not be visible to the contractor until flow is bypassed. It may be possible that the concrete is in worse condition than anticipated requiring additional repairs.

BUDGET IMPACT: There is sufficient budget to cover the cost of this project within the WWTP budget.

RECOMMENDATION: Staff recommends this item be placed on the May 6, 2024 Council Regular Meeting Consent Agenda for Council's consideration.