

Plumas Eureka Community Services District

Regular Board Meeting September 14,2022

Agenda Item #6 Lift Station 7 Replacement

Background: As reported in the last two meetings, Lift Station 7 needs urgent repair. Failure will result in raw wastewater being spilled into the Feather River, which is classified as Wild & Scenic. The State issued the District a compliance order in 2017 to make repairs to the Lift Station following an overflow event. Another event could lead to fines from the state for the spill and compliance. Operations staff have replaced pumps on three separate occasions in the last few months. Currently, the lift station is operational with two working pumps, but the equipment is old and prone to failure.

Progress: Staff has been working with Farr West Engineering and have reviewed the final plans. Operators made a few comments regarding new access lid, pump removal apparatus and pump discharge sizing. Those concerns were addressed by Farr West and the plans have been adjusted. An estimate for the bypass pumping equipment rental was submitted by Cashman CAT of Reno. Farr West will contact another company, PAC Machine, as a second option for the bypass pumping. The drawing and plans have been distributed to three contractors: McGarr Excavation, Simerson Construction, and Joy Engineering. Simerson, will be making a site visit on 10/11/22; the District has not had a response from the other contractors. Pumps from CH Spencer have been ordered and we are waiting for a date to expect the delivery of the pumps.

Outline & Work Sequence

- The drawings are final, QA/QC review completed.
- We have been working closely with a bypass pump supplier and determined that we will need a temporary sump to install the bypass pumping equipment. Quote for the equipment has been submitted.
- This sump will be located in the easement next to the existing wet well and will be removed at the end of the project and backfilled
- Plans have been distributed to contractors. Awaiting site visits from contractors so bids can be submitted.
- The start of the work will depend on how soon the District can procure the new pumps and accessories for the replacement.
- With all equipment available we anticipate the contractor will need 1-2 weeks to complete the project
- The sequence of work will probably be:

1. Install bypass pumping system
2. Demo and salvage existing equipment in the wet well
3. Clean, repair and coat wet well
4. Install new pumping equipment
5. Remove bypass pumping system
6. Site restoration

Recommendation: None. Information/update.