

Plumas Eureka Community Services District

Regular Board Meeting January 11,2023

Agenda Item #7 Lift Station 7 Replacement

Background: As reported in previous 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 continued working with Farr West Engineering and McGarr excavation. Jensen Precast and McGarr made a site visit at the lift station to conform dimensions for the new lid and access hatch. Jensen may have a pre-made available in stock; if not, the lid will need to be custom made. A custom-made lid could take up to twelve weeks to fabricate and deliver. The contract between McGarr and PECSD has been drafted and sent to legal for review. Pumps from CH Spencer have an estimated timeframe for shipment of January 6th 2023; weather may delay the delivery.

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.
- Proposals were submitted on November 30th
- 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.