

July 2022 Operations Report

Water

- **Flow- Well 1B:** 8,034,330 Gallons **Well 2:** 3,148,600 Gallons **Total:** 11,182,930 Gallons
- **SCADA Issues:** the operators have been experiencing system wide communication failures with the SCADA system. Sierra Controls has been to the district three times in a couple weeks to trouble shoot the issues. In their troubleshooting efforts, they believe the issue is a result of antiquated radios. The current radios will “lock up” due to all the different facilities trying to communicate at the same time. Communication “polling” has been adjusted but the problem still occurs. Operators are working with Sierra Controls to find a solution other than complete radio replacement system wide, which has been quoted at \$26,000.

Wastewater

- **Flow- WWTP # 7:** 901,628 Gallons **WWTP # 6:** 376,789 Gallons **Total:** 1,278,417 Gallons
- **Sequoia Lift Station:** As reporting at the previous board meeting, the lift station on Sequoia has become a top priority and is need of repair. During the month, the only operational pump became non-operational, leading to the possibility of an overflow from the lift station. Operators were able to have Plumas Sanitation pump wastewater from the lift station and dump into WWTP 6 for processing to alleviate the possibility of overflow on Sequoia. The following day, operators picked up a repaired pump from Sparks Electric Motor and were able to successfully install the pump so the lift station had an operational pump, the pump that was replaced was sent in for repair. Last week, operators were able to replace the other pump that was not operating. Currently, the lift station has two operational pumps.
- **Tank House Pump:** During daily facility checks, operators notice one of the pumps in the tank house during operation was noisy and leaking, indicating that a seal had failed and the pump was possibly damaged. The pumps in the tank house pump treated effluent from WWTP 6 up the Poplar Valley lift station for final disposal to Dynamite Hill Leach Field. Operators ordered pump stack and seal for the failed pump and made the repairs.
- **TO #18 Lift Station Project:** Operators have been working with Farr West Engineering on the preliminary design for the lift station rehabilitation project. Farr West has made one site visit so far, taking measurements, pictures and gathering information for the project. A big hurdle that the operators and engineers have been discussing is the bypass pumping of the lift station during the project. Farr West has come up with a

couple ideas and are in discussions with the operators about approaches that will best fit our needs.

Misc. & Small Projects

- **Office Building Painting:** Painting of the Fire Department/CSD building has been completed.
- **Tree Removal:** Operators were finally able to get a tree service to schedule the removal of trees on District property on Ponderosa. Topper's Tree Service will be doing the removal of the trees.
- **Defensible Space at Water Tanks:** USFS has been working on creating defensible space around the District water tanks. This project is ongoing when crews are available to do the work.
- **Madora Lake Road Improvements:** USFS has contacted the district about doing road improvements on Madora Lake Road leading up to the water tanks. They have sent their proposed work plans for the road and the General Manager and Farr West have reviewed the plan and approved the work. Last summer, Farr West, at the request of the district wrote a letter to USFS stating concerns about district water lines that run along Madora Lake Road and protecting those lines. The proposed work from the USFS addresses those concerns, the road will have material added with minimal excavation work to only remove existing culverts.