

March 2021 Operations Report

Water

- **Flow: Well 1b:** 1,377,800 gallons **Well 2:** 7,700 gallons **Total:** 1,385,500 gallons **Daily Avg:** 44,694 gallons
- **Water Conservation:** Due to the lack of precipitation during the winter and anticipation of drought conditions, it is the recommendation of the operators that the board of directors consider water conservation measures.
- **Well 2 Rehabilitation:** Operators are refining the scope of work with the addition of contingencies for the well rehabilitation project. Start of the project is anticipated to be in the fall after the golf course has closed for the season.

Wastewater

- **Flow: WWTP 6** – 191,257 gallons **WWTP 7**—989,585 gallons **Total-** 1,180,842 gallons
- **Annual Report:** The annual report for the wastewater system was created by Farr West, with the assistance of district operators. The report rejected by the State and needed revisions, with a resubmission date of May 15th. The report has since been revised and will be resubmitted to the state.
- **Collection System Cleaning:** Area #2 of the collection system was cleaned by Water's Vacuum Service. Operators monitored the progress of the cleaning; ensuring that all manholes and line were cleaned.
- **Permit Fees:** Operators and the General Manager contacted the state regulator for the wastewater system concerning the permit fees in preparation for developing the budget for next fiscal year. During correspondence between the district and the state there was unclarity as to how the district was being charged for permit fees. Fees for next year have not yet been approved by the state water board for this next fiscal year.
- **WWTP 6 EQ Basin Pump:** During daily rounds, operators noticed that one of the pumps in the equalization (EQ) basin was not operating. The following day, operators attempted to remove the pump for replacement. Unfortunately, the mounting plate for the hoist failed, causing the base plate, hoist, and pump to fall into the bottom of the basin. The failure was due to the mounting hardware failing; the hardware that was used was old and failed to hold the weight of the pump. Fortunately, there were no injuries to personnel. Operators re-group the following week and were able to remove the base plate and hoist after making a confined space entry, pulling the equipment out by tying a cable to them and using a battery powered winch. Once the equipment was removed, operators drilled new holes and placed new concrete anchors, securing the

base plate. The pump was then removed and replaced with a rebuilt pump that had staged on site as a replacement in anticipation of a pump failure.

Misc., & Small Projects

- **Generator Grant:** Last October, operators and the General Manager worked together and applied for a grant that would provide funds for the purchase of generators to supply backup power for district facilities. The district identified the need for three generators; WWTP6, WWTP7 and Well 1b, explaining that the current generators at the facilities are antiquated and are in desperate need of replacement. Also stating that reliable backup power is essential for our district due to power outages that are experienced numerous times during year and that power is important to prevent any sewer overflows that could impact the Feather River should there be a power failure with no backup power. The district was awarded the grant in the amount of \$137,000 for the purchase of generators and other essential equipment needed. Operators are working with electrical engineers from Farr West to get the proper specifications for each facility. Once the specifications are identified, operators will contact vendors for bids on the pricing of the equipment.
- **eAR:** The Electronic Annual Report for 2020 has been completed. This report has to do with water production, rates, population served, and other aspects of the operation of the water system.