

November 2022 Operations Report

Water

- **Flow- Well 1b:** 1,560,800 gallons **Well2:** 15,600 gallons; 1% of total monthly flow **Total:** 1,576,400 gallons **Daily Average:** 50,852 gallons. **November 2021:** 1,531,700 gallons

Wastewater

- **Flow- WWTP 6:** 170,468 gallons ; Avg Gal/day 5,682 gallons **WWTP 7:** 771,191 gallons Avg Gal/day 25,706 gallons **Total:** 941,659 gallons
- **WWTP 7 Blower:** During daily inspections, operators noticed that Blower #1 was not working. Operators called electrician Jim Bryant to investigate further to determine the cause and if the motor was still operational. Bryant determined that the heat from the wiring cause one of the connections to become loose and triggered the motor to shut down. The motor was tested and found to have no damage. Bryant changed the connections to the motor, which should prevent a similar situation from occurring.
- **WWTP 6 Recirculating Pump:** Recirculating pump #2 for the trickling filters at WWTP 6 was sent in for a repair in August. The pump was finally received after supply chain issues for a new motor. Operators installed the pump but after only a couple of weeks, malfunctioned and had to be sent back to Sparks Electric Motor. After looking at the pump, Sparks Electric determined that either the motor was defective from the factory or they made a mistake causing the pump to fail. Sparks Electric repaired the pump and motor at No Charge to the district.

Misc. & Small Projects

- **SCADA Remote Access:** Sierra Controls installed equipment to our SCADA system that will allow them to remotely access our system from Reno when operators experience any issues. In the past, when operators experienced an issue, Sierra Controls would need to come from the Reno to the District to troubleshoot the issue. These troubleshooting trips can cost between \$1,500 - \$1,700 per trip. In 2022 alone, Sierra Controls has made four such trips totaling \$6,200. The new equipment cost \$1,200 and will eliminate Sierra Controls traveling to the district unless needed after troubleshooting problems remotely.

- **Snow Removal:** The series of recent storms has kept operational staff busy removing snow from District roads, office parking lot, treatment facilities, and the mailbox.