

September 2021 Operations Report

Water

- **Flow – Well 1b:** 6,940,800 gallons **Daily Avg:** 231,360 gallons **67%** of monthly flow
Well 2: 3,415,500 gallons **Daily Avg:** 113,850 gallons **33%** of monthly flow **Total:** 10,356,300 gallons

Water usage dropped in the month of September. The demand was 1,924,600 gallons less than August, Well 1b produced 400,000 more than August, so the reduction came from using Well 2 less during the month. Well 2 is currently running every other day to assist with demand when needed.

- **Water Main Leak- Cedar Lane:** A water leak was reported by residents at 13 Cedar Lane. Operators investigated the leak, and it was determined that the leak was coming from the water main that goes from Cedar Lane down to Pinecone Court. This water main runs in between the residents of 11 & 13 Cedar Lane. Due to limited district staffing, Folchi Construction was contacted to do the repair. Folchi was able to complete the repair within a couple days. Water service shut-off only affected the residents in Pinecone Court for approximately four hours. Service was restored, samples taken, and boil water notice was lifted after results came back absent for bacteria.
- **Pressure Reducing Valve (PRV) Adjustment:** High water pressure was observed by operators during a Sunday at the wastewater plant on Sequoia Circle, the pressure at the time was well over 100 psi. Operators spent a few hours adjusting the PRVs to get the pressure back into normal operating range.

Wastewater

- **Flow- WWTP 6:** 269,651 gallons **Daily Avg:** 8,988 gallons **WWTP 7:** 811,172 gallons
Daily Avg: 27,039 gallons **Total:** 1,080,823 gallons
- **WWTP 7 Blower Motors:** During routine inspections, operators observed that the VFD for Blower #1 had faulted. After looking into the problem, operators switched to the other blower and called Sierra Controls to troubleshoot the issue, thinking it was a issue with the VFD. Sierra Controls found that the problem was not with the VFD but instead with the drive motor for the blower. An electrician was called out to look at the motor to identify the issue; it was found to be seized and inoperable. Operators removed the motor and took it to Sparks Electric Motor for repair. The General Manager contacted Kaeser, who is the manufacturer of the blowers, and who serviced and replaced the motor a year and a half ago to see if the motor was under warrantee. Unfortunately, the motor was no longer under warrantee; it had expired after 12 months. A couple weeks

later, Blower #2 had its motor short circuit, causing the motor to fail. This has resulted in the treatment plant having no air within the system which is important for proper operation. Operators are having Sparks Electric Motor expedite the repair on the motor for Blower #1 and Kaeser will be in district to replace Blower #2 motor with a new one in the coming week.

- **WWTP 6 Clarifiers:** Operators are experiencing issues with flow through the clarifiers at the plant. This is due to a couple factors: 1) The sludge holding tanks leaks into the gallery, extra storage basin, which limits the operation of airlifting, causing solids to build up. 2) Due to the solids build-up, the flow of water through the plant does not happen as it should. Solids were not able to be removed as scheduled by Plumas sanitation due to company being dispatched to the Dixie Fire camps to service portable toilets and other gray water. Once released from the fire, Plumas sanitation will be in district to do solids removal as would normally happen during the summer.

Misc., & Small Projects:

- **Generator Project:**