

# November & December 2021 Operations Report

## Water

- **November Flow: Well 1b** – 1,529,800 gallons **Well 2-** 1,900 gallons **Total-**1,531,700 gallons
- **December Flow: Well 1b** - 1,392,300 gallons **Well 2-** 1,500 gallons **Total-** 1,393,800 gallons
- **Water Leaks:** During the month of December, operators received multiple calls for emergency shutoffs. A couple of these requests were for irrigation system that had not been shutoff and had frozen and broke.

## Wastewater

- **November Flow: WWTP 6-** 223,791 gallons **WWTP 7:** 921,318 gallons **Total:** 1,145,109 gallons
- **December Flow: WWTP 6-** 241,599 gallons **WWTP 7:** 1,435,644 gallons **Total:** 1,677,243 gallons
- **WWTP 7 Blowers:** Due to part delays and the weather, the replacement of motor pulley seals has been postponed until further notice from Kaeser. Operators were experiencing more issues with the blowers during November and December. Jim Bryant of Bryant Electric came out to the treatment plant to investigate the issues we were experiencing. He found that one motor had loose wires causing the equipment to fault. He replaced the wires for that motor. Also, he found that the parameters for the VFD were not set properly, causing the blowers to “fault”. The equipment will “fault” when there is an issue recognized, in order to protect the equipment. Bryant was able to adjust the parameters within the proper operating range for the equipment.
- **WWTP 6 Sludge Holding Tank:** Over the previous months, operators were experiencing the sludge holding tank leaking into the “Gallery”, an extra storage basin, which then would have to be pumped back into the headworks of the plant. Operators were able to identify the leak and were able to patch the leak. Operators are looking into a way for a more permanent repair to the issue. For the time being, the patch will be sufficient.

## Misc, & Small Projects

- **Truck Issues:** Operators have been experiencing a couple issues with the White work truck. On one occasion, the truck had run out of fuel even though the gas gauge indicated that there was fuel in the truck. Mechanics at Chevron identified the problem as being a faulty sending unit; a new part has been ordered and the truck will be taken in for repair. Another issue is the windshield wiper on the driver side had malfunction with the gears during the middle of plowing roads during the recent snow we received. A temporary fix was made by Chevron. The replacement part for the wiper has been ordered as well and will be replaced.
- **Snow Removal:** During Christmas and the following week, Operators spent the week removing snow from district roads and fire hydrants. The snow became deep and heavy enough that the plow truck could not move the snow effectively; also, operators were getting the truck stuck on multiple occasions. The operators had to use the Bobcat with the snowblower attachment to do the roads and clear the berms in front of the fire hydrants.