

## **Agenda Item: 6A**

**DONNER SUMMIT**  
**PUBLIC UTILITY DISTRICT**  
**WASTEWATER AND FRESH WATER**  
**TREATMENT PLANTS**  
**END OF MONTH OPERATIONS AND MAINTENANCE**  
**SUMMARY**

**FEBRUARY 2025**



# **Donner Summit Public Utility District WWTP & WTP End of Month Operations and Maintenance Summary**

**Prepared for: Steve Palmer, General Manager**

**Prepared by: Jim King, Plant Manager**

**Date: February 2025**

## **Operations WWTP**

- ◆ Discharged 10.7 MG to River and 0.8 MG to Snow Making.
- ◆ Staff spent time moving and clearing snow from buildings and equipment.
- ◆ Discontinued supply of recycled water for snow making. Drained back service line and began draining back excess stored water from the irrigation/snow making tank to the headworks for retreatment.



- ◆ Made multiple influent flow adjustments due to the changing weather conditions. (Heavy Rain)
- ◆ Decanted 9.5' of clear water from the solids holding tank to create more storage.
- ◆ Began returning flow from EQ2 to the headworks that was stored during high flow events.
- ◆ Cleared snow from outlying sewer lift stations. Also kept drying beds clear.

- ◆ Cleaned out and got ready for sale through JJ Cane Auctions, the Ford F-150 and Dodge 1500 due to the age and repair costs associated with the two vehicles.



- ◆ Processed 0 USA dig tickets.

## **Operations Water Plant**

- ◆ Completed and sent out monthly potable water reports to DDW.
- ◆ Staff investigated a possible water leak at 21270 Lotta Crabtree. No leaks were found in the area.
- ◆ Staff continued to make updates to the new state copper and lead line database.
- ◆ Staff received some after-hours calls about lack of water at Big Bend, specifically Ida Ln. Staff determined that the north side service line was frozen. Cabin owners were informed that there was nothing to be done except wait for the line to thaw. This is an issue caused by the shallow depth of the current service lines in the area.
- ◆ Continued tracking the active water level of Lake Angela.

◆ Date	Water Surface Elevation (FT MSL)	Storage (MG)
6/27/24	7191.8	88
7/31/24	7189.3	83
8/31/24	7186.1	70
9/30/24	7185.4	68.5
10/31/24	7184.4	67.5
11/15/24	7183.5	66.5
12/23/24	7183.5	66.5
1/31/25	7185.0	68.0
2/28/25	7187.0	74.0

## Repairs and Maintenance WWTP

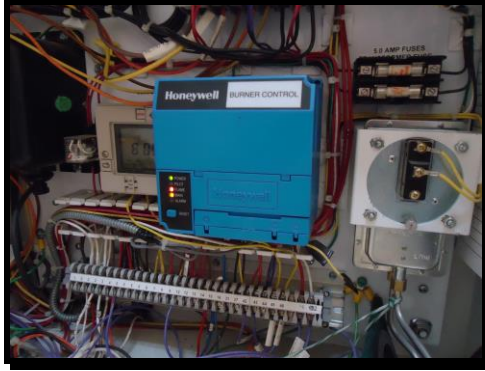
- ◆ Staff replaced the RAS pump fuses on heat exchangers 1 and 2. Emcore is trying to determine the cause.
- ◆ Continued to have issues with the RAS pump on membrane skid #2 air relief valve. Staff found that the main check valve inside was backwards. Took it apart and put it together correctly.



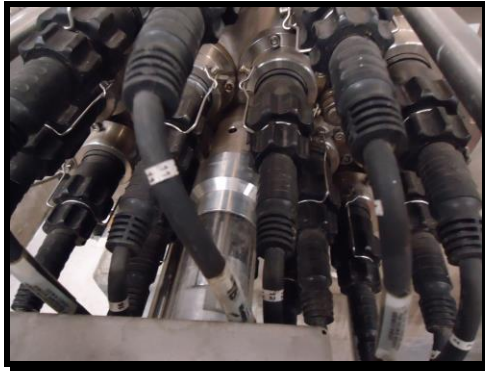
- ◆ Trouble shot problems with the solids tank blowers not restarting after power issues. Made adjustment to blower programs that seemed to take care of the problem.
- ◆ Replaced failed headworks heater with warranty replacement.



- ◆ Replaced the main fuse block in a last-ditch attempt to get the other Dodge 1500 going again with no luck, now the truck will be sold for replacement.
- ◆ Assisted Emcore with trouble shooting issues with heat exchanger #1 not running in auto. After adjusting some settings to the controls, it is working fine now.



- ◆ Replaced a failed ballast card on UV train #1 vessel #1
- ◆ Found a leak on UV train #2 vessel #1 coming from the auto wiper shaft. Ordered replacement parts.



- ◆ Serviced the F-350 shop truck.

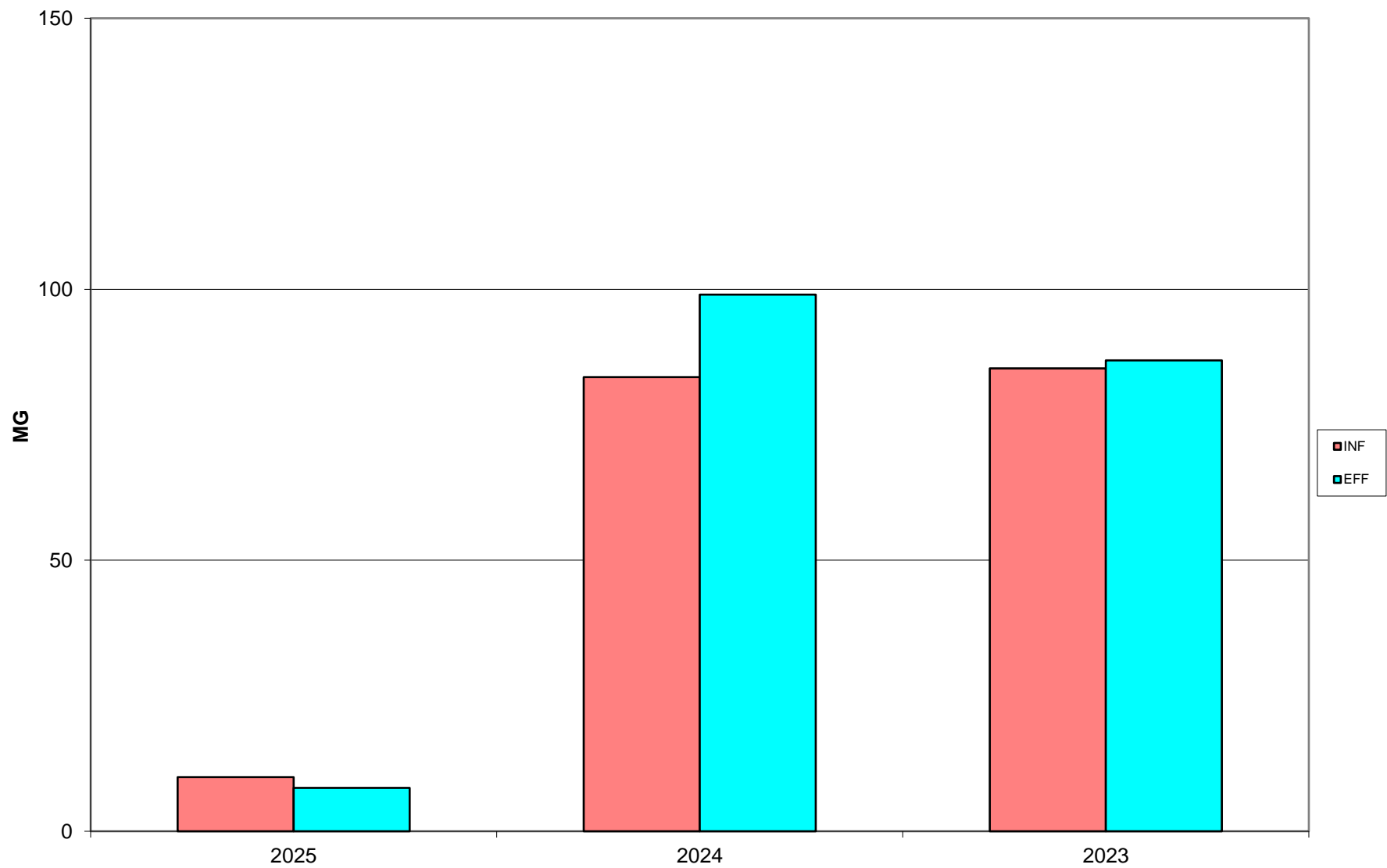
## **Repairs and Maintenance WTP**

- ◆ Repaired the broken inlet line for filter #1.
- ◆ Installed new tires on the F-250 shop truck.
- ◆ Trouble shot and repaired problems with the chlorine feed pump.

## **Laboratory**

- ◆ Continued river discharge testing along with periotic snow discharge testing.
- ◆ Continued testing for zinc residuals out in the district's wastewater stream.

**DONNER SUMMIT PUD WWTP ANNUAL TOTAL INFLUENT FLOW TO TOTAL EFFLUENT FLOW  
2025 DATA THROUGH FEBRUARY**





**DONNER SUMMIT PUD WWTP AVG EFFLUENT FLOW TO SNOW  
STORAGE/PRODUCTION  
YEARS 2024/2025**

