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 Waste Water Flow Data

MONTH OF February 2025		DSPUD Influent	SLCWD Influent	Total Plant Influent	Total Plant EFF River	Total Plant EFF Snow Storage	Total Plant EFF Snow Delivery	DSPUD Fresh Water Treated	SLCWD Fresh Water Treated	Weather	
DATE	DAY	MGD	MGD	MGD	MGD	MGD	MGD	MGD	MGD	Cond	Comments
02/01/25	SAT	0.47536	0.11264	0.5880	0.433	0.0000	0.0000	0.266	0.00000	Rain/Snow	6" Snow
02/02/25	SUN	0.53543	0.20157	0.7370	0.785	0.0000	0.0000	0.201	0.00000	Rain	
2/03/25	MON	0.27165	0.17035	0.4420	0.491	0.0000	0.0000	0.186	0.07017	Cloudy	
02/04/25	TUE	-0.01426	0.10326	0.0890	0.353	0.0000	0.0000	0.284	0.07112	Snow	17" Snow
)2/05/25	WED	0.15118	0.11782	0.2690	0.402	0.0000	0.0000	0.214	0.03364	Clear	
2/06/25	THU	0.29441	0.09659	0.3910	0.374	0.0000	0.0000	0.226	0.06055	Cloudy	
2/07/25	FRI	0.27940	0.10460	0.3840	0.378	0.0000	0.0000	0.196	0.00000	Snow	4" Snow
02/08/25	SAT	0.28951	0.10949	0.3990	0.370	0.0000	0.0000	0.297	0.00000	Clear	
02/09/25	SUN	0.30131	0.09869	0.4000	0.310	0.0000	0.0000	0.210	0.00000	Clear	
02/10/25	MON	0.26340	0.07960	0.3430	0.381	0.0000	0.0000	0.244	0.08689	Clear	
02/11/25	TUE	0.23842	0.07258	0.3110	0.422	0.0000	0.1150	0.269	0.07944	Clear	
02/12/25	WED	0.21512	0.08588	0.3010	0.420	0.0000	0.1420	0.248	0.09425	Clear	
02/13/25	THU	0.27492	0.07108	0.3460	0.425	0.0000	0.0990	0.260	0.09785	Snow	17" Snow
02/14/25	FRI	0.23921	0.08279	0.3220	0.382	0.0000	0.1060	0.258	0.00000	Snow	17" Snow
02/15/25	SAT	0.29362	0.10338	0.3970	0.398	0.0000	0.0000	0.237	0.00000	Clear	
02/16/25	SUN	0.30432	0.11568	0.4200	0.365	0.0000	0.0000	0.252	0.09995	Snow	2" Snow
02/17/25	MON	0.31626	0.11074	0.4270	0.378	0.0000	0.0000	0.163	0.08920	Clear	
)2/18/25	TUE	0.26244	0.09156	0.3540	0.377	0.0000	0.0750	0.236	0.14157	Clear	
02/19/25	WED	0.20202	0.08298	0.2850	0.391	0.0000	0.0730	0.171	0.14562	PT Cloudy	
02/20/25	THU	0.23527	0.07873	0.3140	0.372	0.0000	0.0870	0.178	0.04802	Clear	
02/21/25	FRI	0.25632	0.07768	0.3340	0.378	0.0000	0.0520	0.325	0.00000	Clear	
02/22/25	SAT	0.26496	0.08404	0.3490	0.334	0.0000	0.0000	0.164	0.00000	Clear	
02/23/25	SUN	0.29509	0.07391	0.3690	0.401	0.0000	0.0000	0.170	0.00000	Cloudy	
02/24/25	MON	0.22830	0.06270	0.2910	0.300	0.0000	0.0000	0.241	0.09453	Clear	
02/25/25	TUE	0.22705	0.06195	0.2890	0.359	0.0000	0.1030	0.223	0.08988	Clear	
02/26/25	WED	0.23310	0.06090	0.2940	0.252	0.0000	0.0000	0.189	0.06183	Clear	
02/27/25	THU	0.22906	0.06494	0.2940	0.260	0.0000	0.0000	0.265	0.09155	Clear	
02/28/25	FRI	0.24423	0.06877	0.3130	0.277	0.0000	0.0000	0.269	0.00000	Clear	
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		7 40740	2 64407	40.050	40.700	0.000	0.050	6.4400	4.4500	2024	63" Snow
2/2025 Daily Totals		7.40713	2.64487	10.052	10.768	0.000	0.852	6.4420	1.4560	2024	82" Snow
2/2025 To	talizer Total	7.40713	2.64487	10.052	10.768	0.000	0.852	6.4420	1.4504		
Difference		0.00000	0.00000	0.00000	0.0000	0.0000	N/A	0.0000	-0.0056		
Percentage Difference		0.00%	0.000%	0.000%	0.000%	#DIV/0!	N/A	0.000%	-0.389%		
2/2025 AVG/DAY		264,540	94,460	359,000	384,571	0	30,429	230,071	51,800		
Percentage	Flow SLCWD		26.312%				•				
2/2024 To	talizer Total	5.57616	1.79784	7.3740	8.286	0.000	0.000	6.7840	1.345700		
2/2024 AVG/DAY		192,281	61,994	254,276	285,724	0.000	0.000	233,931	46,403		

24.381%

Percentage Flow SLCWD

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.

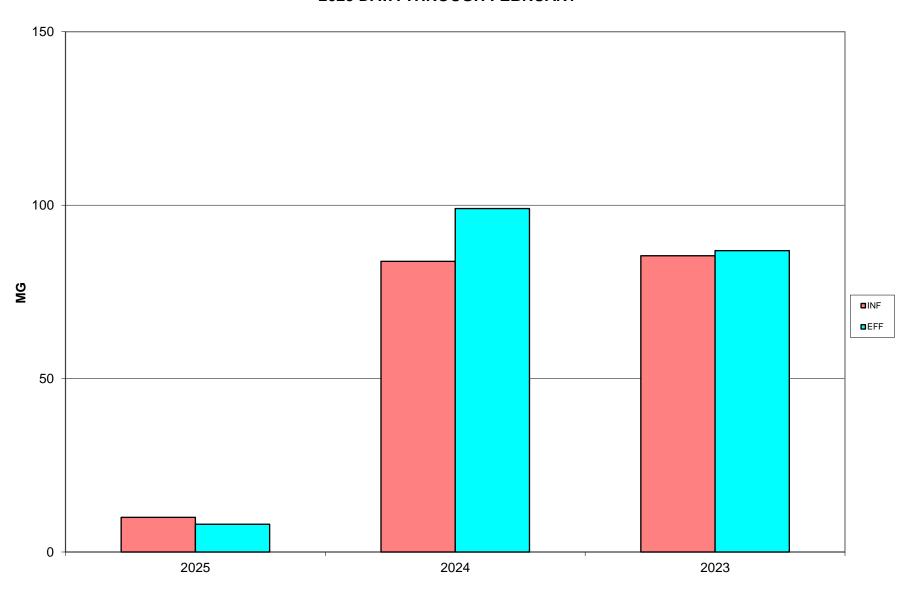
Repairs and Maintenance WTP

- 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

