

Forest View Acres Water District

Operations Report – Aug/Sept 2021

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Arapahoe Water Plant

- The plant effectively produced 82% of demand for August
- No operational difficulties occurred in August

Booster Pump Station

- The check valve in booster pump #2 and #1 have failed and will be replaced as soon as we receive a new one. The lead time on the existing check valve was/is 8-10 weeks. The operability of the booster station has suffered where the check valves allowed backflow from the tank and resulted in overflows at the booster pump station tank. This has increased our percentage discrepancy for August and September.
- ORC had no option but to reconfigure the piping to accommodate a different style check valve to get the plant operability back.
- One of two pumps is now operable.

Distribution

- Monthly routine bacteriological samples taken and were absent for bacteria.
- The map updates have been communicated and are currently taking place.
- Notice a new column for average demand in GPM in the production table below.

Surface Water Plant

- The plant produced an effective 18% of demand for July
- Completed monthly MOR report for state with no violations.
- We have had Brown Hill out to modify the programming to allow for remote restarts of the treatment facility.
- We cleaned the inlet and have found that much sediment has built up around the screened pipe. We plan to address this prior to the AWP work in October.

Production Totals

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy	<i>GPD Produced</i>	Average Demand (GPM)
2021	Jan	0	0%	1,790,658	100%	1,790,658	1,227,042	31.48%	59689	41
	Feb	0	0%	1,548,535	100%	1,548,535	1,151,846	25.62%	51618	36
	Mar	0	0%	1,492,529	100%	1,492,529	1,239,076	16.98%	49751	35
	Apr	328,318	24%	1,036,751	76%	1,365,069	1,246,361	8.70%	45502	32
	May	186,712	10%	1,716,955	90%	1,903,667	1,436,780	24.53%	63456	44
	Jun	1,137,880	48%	1,208,321	52%	2,346,201	2,181,590	7.02%	78207	54
	Jul	365,760	16%	1,908,550	84%	2,274,310	2,182,446	4.04%	75810	53
	Aug	552,913	18%	2,439,620	82%	2,992,533	2,296,030	23.27%	99751	69
	Sep									
	Oct									
	Nov									
	Dec									
Total		2,571,583	15%	13,141,919	85%	15,713,502	12,961,171	17.52%	65473	45