

# Forest View Acres Water District

Operations Report - October / November 2017

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## Arapahoe Water Plant

- The plant produced 13% of demand
- On 30 October tried starting AWP – Would not start in Alarm; Unable to clear alarm – Golder came down and located an unattached wire inside main control panel for well pump. They determined where the wire went and Alarm went away. Started up AWP for test. Believe wire was knocked loose while amp readings were taken by Devon. Next time will start up the plant after he completes his testing to ensure everything is ok.
- Ran plant occasionally
- Plant Checks, Mixed Chemicals

## Booster Pump Station

- Checked Booster Station
- Watered New Plants and Trees couple times

## Distribution

- Meters Read on 26 / 27 October and 28 / 29 November
- Monthly BACTI's
- Activated 2 New Meters along Sunburst Dr.
- PRV Inspection completed – Working on getting a 2<sup>nd</sup> estimate for tubing replacement and small PRV installation on Shiloh Pines.

## Surface Water Plant

- The plant produced 87% of demand
- While Golder was down looking at the AWP – had him look at the Recycle pump for the SWP. Whenever plant started up, it would ramp up to 60 Hz prior to slowing down to desired Hz. This caused the pump to recycle at a level higher than what is called for. He was able to adjust the pump – works much better now.
- Plant stayed online most of the month, flow rate; running at 40 – 45 gpm, inlet pressure holding around 95 psi. Getting 80 - 160 Hour Runtimes between Backwashes.
- Completed monthly MOR report for state
- Pulled Raw Water BACT Samples – Three Times
- Tubing on Chlorine Discharge line Cracked - Replaced
- Plant Checks, Mixed Chemicals

## Locates

- Completed 2 Locates for the Month
  - o 18190 Forest View - Comcast
  - o 18515 Vista View Dr. – New Water Service Connection
  - o 4430 Red Rock Ranch

## Meters

- Installed Two Meters along Sunburst
- Have 8 Meters Left – 6 known new construction projects scheduled/on going

## Projects

- Shelving AWP

### Production for the Month of October

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
<b>2017</b>	Jan	1,476,520	95%	82,837	5%	1,559,357	1,130,141	27.53%
	Feb	843,516	55%	694,339	45%	1,537,855	1,197,399	22.14%
	Mar	933,106	64%	525,826	36%	1,458,932	1,153,797	20.91%
	Apr	-61,641	-3%	1,938,146	103%	1,876,505	1,125,505	40.02%
	May	-1,704	0%	1,882,925	100%	1,881,221	1,460,368	22.37%
	Jun	510,292	22%	1,791,321	78%	2,301,613	1,838,738	20.11%
	Jul	1,485,905	71%	612,294	29%	2,098,199	1,759,007	16.17%
	Aug	1,547,716	81%	365,535	19%	1,913,251	1,496,262	21.79%
	Sep	1,970,185	92%	181,321	8%	2,151,506	1,682,121	21.82%
	Oct	1,144,748	87%	172,706	13%	1,317,454	1,084,275	17.70%
	Nov							
	Dec							
<b>Total</b>		<b>9,848,643</b>	<b>56%</b>	<b>8,247,250</b>	<b>44%</b>	<b>18,095,893</b>	<b>13,927,613</b>	<b>23.03%</b>

\*No known Leaks this Month, Watered Plants at AWP Booster Station, Approximately 11,000 gallons for Backwash at SWP