

# Forest View Acres Water District

Operations Report – 17 August 2018 to 20 September 2018

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## Arapahoe Water Plant

- The plant produced 95% of demand for August, Will be Less in September because of better flow in Canyon
  - o Last two years at this time it was 100%
- Purged Chlorine Analyzer as Needed – Ordered replacement tubing for Analyzer to replace
- During September Plant Ran on Average once a day for a few hours because SWP Unable to keep up with demand
- 8/25 Low Tank Alarm – AWP would not start; Booster Station would not start
  - o Called in MVEA – They said line voltage ok – problem with power in building
    - Called in Electrician – couldn't find anything wrong; could start AWP in hand but not Auto
      - 8/27 Controls Tech came in and Reset Booster Station and was able to get AWP to run in AUTO
- Plant Checks, Mixed Chemicals

## Booster Pump Station

- Checked Booster Station

## Distribution

- Meters Read on 28 August 2018 and will read meters on 27 September 2018
  - o Meter install complete
- Monthly BACTI's Sample / Lead and Copper Samples

## Surface Water Plant

- The plant produced 5% of demand for August, will be Higher in September
  - o Last two years at this time it was 0%
- Plant staying on line, continuous, inlet pressure drops to around 70-95 psi. with a flow of 35 - 40 gpm; Runtimes around 30 – 60+ hours between Backwashes

- 8/25 Low Tank Alarm – SWP would not start
  - o Called in MVEA – They said line voltage ok – problem with power in building
    - Called in Electrician – couldn’t find anything wrong;
      - 8/27 Controls Tech came in and found program was deleted – Possible power surge; reloaded program and started unit
- Completed monthly MOR report for state – No Violations
- Pulled Raw Water BACT Samples – Two Times
- Turned in Lead and Copper Samples
- Recycle Line Cracked – Parts on Order to Repair
- Sand has been delivered
- Plant Checks, Mixed Chemicals

**Locates**

- Completed 4 Locates for the Month
  - o 3885 Sierra Vista Rd – New Build
  - o 960 Forest View Rd - Fence
  - o 4385 Sandstone - Fence
  - o 4660 Red Stone Ridge – New Build

**Meters**

- Two new Meters installed; New Builds

**Projects**

- Shelving AWP – Not Started

**Production for the Month of August 2018**

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
<b>2018</b>	Jan	1,488,302	99%	12,965	1%	1,501,267	1,084,766	27.74%
	Feb	1,573,180	92%	132,550	8%	1,705,730	1,129,429	33.79%
	Mar	1,156,615	88%	152,361	12%	1,308,976	1,052,902	19.56%
	Apr	1,154,530	87%	171,314	13%	1,325,844	1,109,939	16.28%
	May	899,460	43%	1,203,319	57%	2,102,779	1,771,596	15.75%
	Jun	1,066,912	43%	1,401,376	57%	2,468,288	2,068,677	16.19%
	Jul	40,469	2%	2,467,250	98%	2,507,719	2,083,338	16.92%
	Aug	136,829	5%	2,481,935	95%	2,618,764	2,197,529	16.09%
	Sep							
	Oct							
	Nov							
	Dec							
<b>Total</b>		<b>7,516,297</b>	<b>57%</b>	<b>8,023,070</b>	<b>43%</b>	<b>15,539,367</b>	<b>12,498,176</b>	<b>19.57%</b>

**2018 Water Leaks:**

11 February 2018 – Forest View and Red Forest: Repaired by J&K; Flowed Hydrants after Repairs

27 August 2018 – Sandstone and Pixie Park PRV – Leaking; Parts (SS) on order

27 August 2018 – 4315 Sandstone service line leak - Isolated