

Forest View Acres Water District

Operations Report –September / October 2017

Prepared by Gabrielle Begeman and Clyde Penn

ORC Water Professionals

Arapahoe Water Plant

- The plant produced 8% of demand
- Ran plant occasionally
- Plant Checks, Mixed Chemicals

Booster Pump Station

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

Distribution

- Meters Read on 28/29 September
- Water Leak at Sandstone and Stone View – Warranty work repaired by Global
 - o Isolated leak but told to crack valve open to allow houses to still have some water – After an hour talked with JDS and informed them that houses still didn't have water and water was just running down the road causing a wash out. It was determined to go ahead and isolate the valve again.
- Monthly BACTI
- Activated 3 New Meters along Sunburst Dr.
- Checked on new driveway near SWP to ensure they allowed for drainage when turns off during winter months to prevent freezing
- PRV Inspection completed – Working with ISI West to get estimate for tubing replacement.

Surface Water Plant

- The plant produced 92% of demand
- Plant offline due to Fault in VFD – Worked with Golder over the phone and got the problem taken care of and plant online
- Plant stayed online most of the month, flow rate; currently at 40gpm, inlet pressure holding around 95 psi. Made trip up to inlet. Getting 15 – 25 Hour Runtimes between Backwashes.
- Completed monthly MOR report for state
- Pulled Raw Water BACT Samples – Twice
- Changed out Chlorine Injector and replaced Stenner Pump Feeder Tube
- Plant Checks, Mixed Chemicals

FILTER TO WASTE WITH RAW WATER

- COMPLETED

Locates

- Completed 2 Locates for the Month
 - o 4540 Redstone Ridge – CATV
 - o 3520 Mesa Verde – Drop Bury Comcast

Meters

- Working with CRS to get badger information correct and working
 - o Final Reads
 - Sunburst Dr
- Verifying End Point

Projects

- Started Posting houses and scheduling installs for new meters – In Progress

Production for the Month of July

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
2017	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							
	Nov							
	Dec							
Total		8,703,895	53%	8,074,544	47%	16,778,439	12,843,338	23.45%

*Leak at Sandstone and Stone View – Ran for about 2 Hours before complete isolation