

Forest View Acres Water District

Operations Report –October / November 2019

Prepared by Clyde Penn ORC Water Professionals

Arapahoe Water Plant

- The plant produced 100% of demand for August
- Purged Chlorine Analyzer as Needed
- Plant Checks, Mixed Chemicals

Booster Pump Station

- Checked Booster Station

Distribution

- 2" Main on Clovenhoof was disconnected during sewer line installation; only temporary water outages for about 3 houses during the day. Line was tied in at the completion of the sewer line installation and a BACT was taken.
- Meters were Read on 28 October 2019 and will be read on 29 November 2019
 - o Trying to read Meters on Same day of the Month – Will require an occasional Sunday Read
- Monthly BACTI's
 - o Upcoming samples include SOC's and Nitrates at the SWTP

Surface Water Plant

- The plant produced 0% of demand for November because of low water flow in the canyon – inlet pressure is at about 50 psi – when trying to start plant it goes down to 10 psi within 10 – 15 minutes
- Dove inspection Project is COMPLETE – Tie in completed; CL17 Installed and operational; CL17 is hooked up to plant controller
- Completed monthly MOR report for state – No Violations – Plant offline

Locates

- Completed Locates for the Month
 - o Worked with Native Sun for sewer line replacement; 2" Main was located without being hit but it was directly in line with sewer line installation. It was decided to pull line out until completion of sewer line installation and then re-install.

Production for the Month of October 2019

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
2019	Jan	152,587	8%	1,680,427	92%	1,833,014	1,277,263	30.32%
	Feb	0	0%	1,335,096	100%	1,335,096	1,031,991	22.70%
	Mar	0	0%	1,533,895	100%	1,533,895	1,183,118	22.87%
	Apr	-63,912	-4%	1,748,857	104%	1,684,945	1,183,142	29.78%
	May	-35,803	-2%	1,867,532	102%	1,831,729	1,398,912	23.63%
	Jun	183,124	8%	2,005,631	92%	2,188,755	1,732,721	20.84%
	Jul	1,009,434	42%	1,408,667	58%	2,418,101	1,842,689	23.80%
	Aug	-710	0%	2,494,354	100%	2,493,644	1,909,733	23.42%
	Sep	-67,885	-3%	2,766,096	103%	2,698,211	2,082,272	22.83%
	Oct	0	0%	2,199,877	100%	2,199,877	1,416,580	35.61%
	Nov							
	Dec							
Total		1,176,835	5%	19,040,432	95%	20,217,267	15,058,421	25.52%

SWTP Offline JAN/FEB/MAR 2019 because of Frozen Supply Line

SWTP Offline SEPT/OCT/NOV 2019 because of low flow in the Canyon

Flushed Hydrants on Rockbrook Dr because of water quality complaint - Brown Water.

2" Main on Clovenhoof was flushed multiple times during sewer line installation

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 – Setting up a date for Repair/Training to install parts

27 August 2018 – 4315 Sandstone service line leak – Isolated/Repaired

29 October 2018 Sandstone and Pixie Park PRV – Leaking at outlet pressure gauge – Repaired

08 December 2018 Main Leak Red Forest Rd. – Repaired by Global

23 December 2018 Service Line Leak – 3765 Sierra Vista – Repaired by Homeowner

2019 Water Leaks:

13 March 2019 Service Line Leak – 3830 Range View – Being repaired by homeowner

05 June 2019 Main Line Break on Oxbridge – Hit by Foothills Electric

23 October Service Line Break on Rockbrook Dr. – Repaired by Homeowner

Flushed Hydrants on Rockbrook Dr because of water quality complaint - Brown Water.

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Meters

Total of 326 Meters in District of which 325 are Remote Reading currently

2019 New Meter Installations / Water Taps:

4660 Red Stone Ridge Rd

4640 Red Stone Ridge Rd

**Meter at AWP checked for Proper Operation 2019 – Do not have the report yet.
Unable to keep SWTP running to check meter.**

3rd Quarter 2019

