

Forest View Acres Water District

Operations Report –May / June 2019

Prepared by Clyde Penn ORC Water Professionals

Arapahoe Water Plant

- The plant produced 102% of demand for March, (Because of SWTP Backwashes)
- Purged Chlorine Analyzer as Needed
- Plant Checks, Mixed Chemicals
- Replaced Chlorine Feed Injector – Slightly Clogged Causing Low Chlorine
- Replaced Chlorine Analyzer LED SENSOR – Old one operating erratically causing plant to shutdown on Low Chlorine

Booster Pump Station

- Checked Booster Station

Distribution

- Meters were Read on 29 May2019 and will be read on 28 June 2019
- Monthly BACTI's, Quarterly - HAA5 / TTHM
 - o Upcoming samples include SOC's, Nitrates and Lead & Copper
- Main Break on Oxbridge – Hit by Foothills Electric – Line not even close to what the drawings indicated (see picture attached)

Surface Water Plant

- The plant produced -2% of demand for February
- Dove inspection repairs scheduled to start on 26 June 2019
 - o To include installation of Raw Water Blow Off Valve
- Backwash Pond was cleaned on 1st and 2nd of June 2019
- Ran plant as much as possible, but still multiple backwashes
 - o Added 12 Bags of Sand to each Secondary Filter to help with High Turbidity
- Completed monthly MOR report for state – No Violations
- Plant Checks

Locates

- Completed Locates for the Month
 - o Locating all Houses and Water Mains along Lake Meadow and Oxbridge Rd for Electrical Main Replacement

Production for the Month of May 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							
	Jul							
	Aug							
	Sep							
	Oct							
	Nov							
	Dec							
Total		52,872	1%	8,165,807	99%	8,218,679	6,074,426	26.09%

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

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



Hydrant – Been in contact with J&K, they are wanting to replace the entire hydrant after talking with the hydrant rep

Meters

Total of 326 Meters in District of which 320 are Remote Reading currently

- Have two more scheduled to change out old meters with new remote read
 - o 3 have not been in contact, 1 is an MT house waiting on the owners to come back to install – have been in contact with them
- Installed New Meter at 17275 Shiloh Pines
- Gave New Meter to 18090 Forest View Rd so they can contract with Plumber to replace old meter and mount Endpoint on Outside of House

2019 New Meter Installations / Water Taps:

4660 Red Stone Ridge Rd

4640 Red Stone Ridge Rd



Bear on Granite Circle