

# Forest View Acres Water District

Operations Report – June 2020

Prepared by Clyde Penn ORC Water Professionals

## Arapahoe Water Plant

- The plant produced 100% of demand for May; Started up SWTP on 8 June
- Purged Chlorine Analyzer as Needed
- Replaced Tubing on CL17; Verified Calibration
- Cleaned Injector on Chlorine Feed
- Plant Checks, Mixed Chemicals

## Booster Pump Station

- Checked Booster Station
- Booster Station Alarm – Loss of Communication with AWP

## Distribution

- Meter was Read on 27 May 2020 / 27 June 2020 – Reports completed
- Water Quality Complaint 18010 Red Rocks Dr. – Flushed Hydrants
- Water Quality Complaint 4610 Red Rock Ranch – Flushed Hydrants
- Covered Valve Boxes on Shiloh Pines and Lake Meadow for Road Chip Seal
- In 2017 one of our dive teams cleaned and inspected this District's 250KG water tank. At that time, we made the recommendation to have a half day of epoxy repairs made to areas of corrosion found within this tank during the inspection. I may have found another District tank operated by another company like ORC which also needs a half day of work. This tank is located about 30 miles east of the Forest View tank. **If we can schedule both tanks to have this work completed the same day our cost per tank would be \$1,800.00 plus material which shouldn't run more than \$125.00.**
- Monthly BACTI's /
  - o Upcoming samples include SOC/VOC,

## Surface Water Plant

- The plant produced 0% of demand for May; Plant Started on 8 June; Has run Continuously since 10 June
- Plant is up to 50 gpm; Increasing at small increments to keep plant stable
  - o Missing Lateral Replaced – Sand was put in Secondary Filter #2 and topped off for Secondary Filter #1
  - o Replaced Tubing on CL17; Verified Calibration
  - o Rebuilt Chlorine Injection Pump; Replaced Injector
  - o Calibrated Turbidity Meters

- New Meter Approx \$2800.00 – Needed for Primary Combined
- Completed monthly MOR report for state – No Violations – Plant offline

**Locates**

- New Company doing locates – Contacted new company doing locates, offered assistance should they need help on locates

**Production for the Month of May 2020**

Year	Month	SWTP Production - BW	% of Total	AWP Production	% of Total	Total Production	Total Water Sold	Percentage Discrepancy
<b>2020</b>	Jan	0	0%	2,061,922	100%	2,061,922	1,256,861	39.04%
	Feb	0	0%	1,922,915	100%	1,922,915	1,252,367	34.87%
	Mar	0	0%	1,651,707	100%	1,651,707	1,204,035	27.10%
	Apr	0	0%	1,814,822	100%	1,814,822	1,379,752	23.97%
	May	0	0%	1,997,113	100%	1,997,113	1,935,338	3.09%
	Jun							
	Jul							
	Aug							
	Sep							
	Oct							
	Nov							
	Dec							
<b>Total</b>		<b>0</b>	<b>0%</b>	<b>9,448,479</b>	<b>100%</b>	<b>9,448,479</b>	<b>7,028,353</b>	<b>25.61%</b>

**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.

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

**2020 Water Leaks:**

4825 Limestone – Service line between the Main and Curb Stop – REPAIRED

**18810 Cloven Hoof – Service line leak – Repaired by Homeowner**

**Flushed Hydrants – Water Quality Complaints**

**Meters**

**Total of 327 Meters in District of which 326 are Remote Reading currently**

**2019 New Meter Installations / Water Taps:**

4660 Red Stone Ridge Rd

4640 Red Stone Ridge Rd

Two meters installed for new homes on Forest View Rd.

**2020 New Meter Installations / Water Taps:**

4909 Redstone Ridge – Meter Installed

4820 Limestone Rd – Tap Fee Paid