

Forest View Acres Water District

Operations Report –December 2018 – January 2019

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ORC Water Professionals

Arapahoe Water Plant

- The plant produced 31% of demand for December, will be higher for January because SWP Offline
- Purged Chlorine Analyzer as Needed
- Plant Checks, Mixed Chemicals
- Repaired Filter Valve – Ruptured Diaphragm

Booster Pump Station

- Checked Booster Station

Distribution

- Meters were Read on 27 December 2018 and will be read on 29 January 2019
- Monthly BACTI's
- Ordered Stainless Steel Tubing to do the smaller PRV at Pixie Park and Sandstone

Surface Water Plant

- The plant produced 69% of demand for December
- Plant staying on line, continuous, inlet pressure holding around 95 psi. with a flow of 20 - 25 gpm; Runtimes around 60+ hours between Backwashes
- Completed monthly MOR report for state – No Violations, using new report dictated by DOVE Inspection
- 30 December 2018 alarm at SWP – Communication / Tank Level Alarm; Went in and found plant tripped off on low inlet pressure. Tried restarting but would not because of low inlet pressure. Plant was in Winter Mode and water was coming out of the solenoid valve. When I came back in the next day water was still coming out of the solenoid valve but inlet pressure was down to 60psi. Plant Still Offline.
- Plant Checks, Mixed Chemicals

Locates

- Completed Locates for the Month
 - o Attended Training for Locate Reporting – All locates need to be confirmed after locates are done through website

Meters

- Additional Meters being changed out

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 |
|--------------|-------|----------------------|------------|-------------------|------------|-------------------|-------------------|------------------------|
| 2018 | 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 | 1,050,432 | 50% | 1,077,393 | 51% | 2,121,825 | 1,898,916 | 10.51% |
| | Oct | 646,368 | 35% | 1,210,893 | 65% | 1,857,261 | 1,459,125 | 21.44% |
| | Nov | 1,004,904 | 63% | 592,920 | 37% | 1,597,824 | 1,130,437 | 29.25% |
| | Dec | 1,279,025 | 69% | 587,264 | 31% | 1,866,289 | 1,208,897 | 35.22% |
| Total | | 11,497,026 | 56% | 11,491,540 | 44% | 22,982,566 | 18,195,551 | 20.83% |

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 New Meter Installations / Water Taps:

None to Date