

# Forest View Acres Water District

Operations Report – September 2020

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## Arapahoe Water Plant

- The plant produced 100 % of demand for September
- The building is in the process of getting cleaned and disposing of trash
- Mission Remote Monitoring Alarm System installed and operational. Current alarms/trending are set for the following:
  - o Tank Level – High/Low Alarm and datalogging of trends
  - o Booster pump station failure
  - o Discharge pump high pressure
  - o No flow plant shut down
  - o Chlorine Residual – High/Low Alarm and datalogging of trends
- Additional alarms/trending will be set for the following:
  - o Well Failure
  - o Booster pump failure
  - o Water on the floor
  - o Well runtime
  - o Booster pump runtime
  - o Building temperature

## Booster Pump Station

- Cleaned Booster Station
- Booster Station Alarms – Loss of Communication with AWP – Happens often which causes the AWP to shut down. This will need to be resolved with the SCADA controls person.
- Mission Remote Monitoring Alarm System installed. A radio was found to be defective from the factory and a replacement has been shipped at no cost.

## Distribution

- Loss in the system, along with communication failure between the booster pump station at the AWP (resulting in shutdown of the well) resulted in very low tank levels. This prompted the isolation of parts of the distribution system in an attempt to find the leak.
- Leak was found in an old pipe where a 2” line crosses the creek and used to feed the clovenhoof/villas area. This line has been permanently cut, capped and abandoned.
- Monthly BACTI's taken
- Additional bacteriological sampling was performed due to the lack of pressure in the system.

### **Meter Repairs:**

- We are working with Sandy to ensure meters are reading throughout the district.

### **Surface Water Plant**

- The plant produced 0% of demand for September.
- Completed monthly MOR report for state

### **Production Totals**

- Will be updated and provided to you next month.

### **2020 Water Leaks:**

- A large leak was found on the 2" PVC/Galvanized line that crossed the creek from Peak View to Clovenhoof. This line was isolated, cut capped and abandoned to avoid this problem from happening in the future.
- Water was found surfacing near the old pumphouse 5. The active line was dug at the corner of Peak View and Mesa Verde. The water main and excavation was dry.

### **Meter Repairs:**

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