

Forest View Acres Water District

Operations Report – February/March/April 2009

Prepared by Erik Tameler, Southwest Water Co.

Sampling:

The required samples were collected. Results are inside the yellow folder in the wall rack in the Arapahoe plant.

Treatment Plants:

Arapahoe Water Plant:

Meters were removed and taken to Denver Water Meter Shop on February 12th for accuracy testing and repairs. The production meter tested out ok and required no repairs. However, the backwash meter required internal parts due to poor performance. The meters were reinstalled.

The plant has been operated on and off since 4/16 to supplement the SWTP.

Transmission Line/Booster Station:

AmWest (Devin Cary) made a visit to the district regarding alarm capability for the booster station. Recommendations attached.

Renegade Systems (Walt Barker) made a visit to the booster station to evaluate installation cost for a meter. A rough estimate for installation and materials excluding meter is \$500. A meter and flanges for this high pressure application should run approximately \$1750 - \$2000.

Surface Water Plant:

The secondary filters were serviced on 2/19. Media was replenished per quotation, the backwash shuttle valve on secondary filter #2 was rebuilt, and in addition to the original proposal, the multiport backwash valve was also rebuilt. The final cost will be very close to the original bid amount of \$2014, but possibly a few dollars more.

A new drum of filter aid was purchased and delivered. The filter aid currently in use is very expensive and S.W. Water is looking into the possibility of a cheaper alternative.

The raw water turbidimeter quit working in March. After consultation with CRS, a new unit was purchased. Installation was completed the week of April 13th and the plant has been acting erratically ever since. At this point, the plant is shut down to allow the creek turbidity to stabilize.

The production meter signal output quit and the meter was taken to Denver Water's meter shop. A subsequent call from the shop indicates the meter is not serviceable. A new meter will be required.

Distribution system:

There was a water main break at 4670 Red Forest Rd. during the month of February. A leaking glue joint was cut out and replaced with repair couplings and C900 pipe. Associated bacteriological sampling yielded passing results.

Approximately 12 customer meters/remote registers were replaced since the January BOD meeting.

On Monday 4/20, a leak was discovered coming from the PRV on RedRockRanch Rd. The PRV was isolated and repair options are being investigated.