

## Forest View Acres Water District

Operations Report – February 28, 2008

Prepared by Erik Tameler, ECO Resources, Inc.

### Sampling:

- The January Coliform sample result was acceptable.
- The 2008 Monitoring schedule has been received and reviewed. SW Water has logged all required parameters into the sample tracking system.

### Treatment Plants:

#### Arapahoe Water Plant:

- The plant is operating normally.
- Pneumatic valves have not been rebuilt. Parts are on hand to rebuild half the number of valves. This job will commence time permitting.

#### Transmission Line/Booster Station:

- The leakage in the transmission line is causing air to be drawn into the transmission line during AWTP backwash periods. This air is then injected into the distribution lines when backwashing is complete. This may be the cause of increased entrained air in the distribution system.
- Since the service performed by Am West in January, the station is operating normally. The suspected control valve was found to be operating normally and has not been reconditioned.

#### Surface Water Plant:

- Several maintenance items requiring attention have either been remedied or are in the works:
  - Installation of a plant "Start" switch is complete and the panel lights have been checked out. It appears the panel is not wired properly to allow the lights to function as desired. However, the automatic valves do operate properly in "automatic" operation.
  - Two new chlorine pumps have been purchased for the plant. These pumps can be automatically controlled with the controller previously purchased. Installation of the controller was scheduled for Feb. 26<sup>th</sup>. Update to be given at the meeting.
  - Certification of the backflow device on the backwash line was attempted. It appears the device is working but may not be able to be certified. A formal report has not yet been received.
  - Water appears to be leaking from the rear plug of the center primary filter. This is the problem that led to the replacement of the two secondary filters. This will continue to be evaluated.
- Plant start-up was again attempted in February. It appears that freezing is causing a lack of water to the plant. The intake was inspected and appears to be unobstructed. The raw water sample tap inside the plant has been left open in hopes of eroding frozen water in the raw water pipeline.

**Distribution system:**

- On January 26<sup>th</sup>, a water leak was reported. Two leaking taps were discovered at 17415 Shilo Pines Rd. Both tap saddles were repaired by AAA Ditching and left active. The question of legitimacy for the second tap to this property has been raised since the repair. Contact with the homeowner has been made and a site inspection is pending.
- On Feb. 14<sup>th</sup>, CRS and SW Water Co. met regarding meter reads. Problem meters were identified and placed on a priority list for replacement. These 20 or so accounts will receive new meters and remote registers with security wires. The old meters and remotes will be checked in the district shop. CRS and SW Water Co. will continue developing a plan for replacement, inspection, and security for all district meters.
- The Pollonco property at 17475 Oxbridge Rd. was inspected on Feb. 20<sup>th</sup>. The unmetered service to the barn was previously excavated and is currently exposed. CRS and SW Water Co. agree the installation of a meter pit in front of the barn could be completed, but ideally the service to the entire property should be metered just inside the property line. This will require a thorough service location within the property, which the district does not have equipment to perform. I recommend either the customer hire an independent locating firm such as ELM, or the district develop a contact from which to borrow or rent the appropriate equipment. Once the service line or lines within the property are located, meter pit installation can be planned.