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Squaw Creek Water District Operations Report March 2025

Water Usage

March average Gallons per Day: 10,053 gallons

This number is likely lower than actual water usage due to the age of the totalizer. We recommend replacing the meter with a newer meter that can be tied into the new SCADA system. Automation Werx is working on a quote for a new totalizer that will connect to SCADA

Work Completed in March:

3/3/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

Collected routine bacteria sample at 6805 Squaw Creek Rd. Results: TC negative, E.coli negative.

3/11/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

3/12/25: Refilled chlorine barrel. Met with Ben and Payton from Automation Werx on site to work on SCADA system

3/13/24: Online training with Automation Werx on updated SCADA system

3/20/25: Adjusted angle of solar panel at upper tank to help shed snow.

3/24/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

3/25/25: Met chlorine delivery guy (Jeff Griffin) to drop off chlorine order. Refilled chlorine barrel.

3/31/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

Checked on leak in upper PRV. Call with Paul Sandretto. Cleared chlorine injection lines of buildup.

Upcoming Projects:

Get new tank hatches fabricated and installed for all four upper tanks that are at least 24" above grade and have a shoebox type lid. The current quote for 4 tank hatch extensions and lids is \$26,000. Due summer 2025

Place rip rap (medium-sized rocks) under tank drains/overflows. Due summer 2025

Install sample taps in vaults by wells. Due summer 2025

Replace totalizer meter in pump house vault with a meter that can tie into SCADA (Automation Werx)

Replace wire in meter vault at 1855 Porcupine.

Excavate and repair leak near curbstop at 6540 Forweal.

Reprogram meters that are reading to wrong decimal.

Suggested upcoming projects:

Perform leak detection on every curbstop in system.

Locate, clean, and exercise every gate valve on system.