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## Squaw Creek Water District Operations Report August 2025

### Water Usage

August average Gallons per Day: 29,744 gallons

August 2024 average Gallons per Day: 25,000 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. Did we ever receive this quote? There is a replacement meter and David Robertson with Teton Waterworks can install it when he installs sample taps in the well vaults.

### Work Completed in August:

**8/3/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.** Took apart and cleaned chlorine injection point. Collected routine bacteria sample at 2175 East Pollard Hill Rd.

Results: TC negative, E. coli negative

**8/11/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.** Cleaned chlorine injection point

8/13/25: Wrote instruction letter and dropped off 5 lead and copper sample bottles

8/14/25: Dug out below mid tank drain to achieve positive drainage per EPA request. Picked up 4 of 5 lead and copper samples

8/15/25: Picked up last lead and copper bottle. Helped homeowner collect sample

**8/18/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.** Took apart and cleaned chlorine injection point.

8/19/25: Completed paperwork and shipped lead and copper samples to the lab. Installed new meter at 1855 Porcupine

**8/25/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.** Cleaned chlorine injection point and refilled solution barrel.

8/29/25: Closed fire hydrant at mid tank. Picked up and unloaded tank hatch risers. Dug out culverts around tank hatches.

## **Upcoming Projects:**

Find out who is opening the fire hydrant

Sample SOCs, VOCs, IOCs, Nitrates, Disinfection Byproducts. Completed 9/3/25

Install tank hatches on all four upper tanks. Due October 2025

Install sample tap in vault by wells. David Robertson is planning to install tap in vault soon. One vault already has a sample tap. Due September 2025

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

Excavate and repair leak near curbstop at 6540 Forweal. Ben did leak detection and said that the leak sounds like it is on the district side.

Reprogram meters that are reading to wrong decimal. We need to purchase a newer phone in order to communicate with the program.

## **Suggested upcoming projects:**

Perform leak detection on every curbstop in system. Enter data into GIS associated with each curbstop.

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