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## Squaw Creek Water District Operations Report October 2025

### **Water Usage**

October 2025 average Gallons per Day: 11,628

October 2024 average Gallons per Day: 30,310

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 SCADA system.

### **Work Completed in October:**

**10/6/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.**

10/7/25: Collected bacteria sample and dropped off at Teton County Environmental Health Lab. Results: TC negative, E. coli negative  
Checked meters on list to see what kind of meters they are and which programming would be necessary to reprogram them to read to 100s. Compared actual reading on meter to reading on handheld device.

10/8/25: Reprogrammed meters at 200 Barberry and 2355 LaBonte to read to 100s. Attempted to recalibrate meter at 2100 Porcupine, but it is too old. Checked sizes on meters at other lots on the list and took inventory of meters in storage.

10/8/25: Received word that the excavator hit transmission line from booster station to tank. Found valves at tank and closed them to prevent the tanks from draining into the hole. WT

10/9/25: Calls with David Robertson and Kevin. Operated excavator and managed water transmission line repair. Restored water and flushed. BH  
Picked up new bushing and installed new chlorine pump. Worked with excavator on repair. WT  
Met Macys to refill upper tanks and shuttle water from mid tank to upper tanks. EH

10/10/25: Bled air from booster pumps following outage.

10/12/25: Collected 2 bacteria samples following pressure loss to upper system.

**10/13/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.**

Collected 2 bacteria samples following pressure loss to upper system. Completed paperwork and dropped off at lab.

**10/20/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.**

Met David Robertson to install sample taps in well vaults. WT

Purchased parts to extend sample taps to usable height. Installed extensions in well vaults. BH

10/22/25: Rented drill from Teton Rental and purchased bit for tank hatches. Started installation of tank hatches. Drilled out holes and got 1 tank hatch fully installed. Returned drill. Checked upper PRV. WT and WN

10/23/25: Rented drill from Teton Rental and installed 2 more tank hatches. WT and WN

**10/27/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.**

Closed curbstop at 2050 E. Barberry to disconnect that property from the water system. WT

10/28/25: Completed last tank hatches. Took old culverts and hatches to dump

10/30/25: Completed and submitted significant deficiency correction notice regarding tank hatches and well vault sample taps. This was accepted and all significant deficiencies are closed in the EPA database.

### **Test Results from 9/3/25:**

Nitrates	.09 mg/L
Fluoride	.1 mg/L
Sodium	3.8 mg/L
Total Trihalomethanes	5 ug/L
Total Regulated Haloacetic Acids	6.7 ug/L

Tested for Nitrates, SOCs, VOCs, IOCs, and Disinfection Byproducts. These were the only contaminants found. Everything else that was tested was non-detect.

### **Upcoming Projects:**

Replace totalizer meter in pump house vault with a meter that can tie into SCADA (Automation Werx) In the meantime, we can install the totalizer that is in the pump house. It will only read to the 1000s place, and it is not reprogrammable.

Excavate and repair leak near curbstop at 6540 Forweal. Excavator who worked on spring house agreed to complete this repair.

Install plugs on meter pit lids that have open holes. These should arrive this week.

**Suggested upcoming projects:**

Perform leak detection on every curbstop in system. Enter data into GIS associated with each curbstop. (spring or summer 2026)