



Licensed Water and Wastewater Professionals
Ben and Emily Hanner 307.690.5512
P.O. Box 775, Wilson, WY 83014
clearwateroperations@gmail.com

Squaw Creek Water District Operations Report May 2025

Water Usage

May average Gallons per Day: 11,840 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 May:

5/5/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house. Collected routine bacteria sample at 2175 Pollard Hill Rd.
Results: TC negative, E.coli negative

5/13/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house. .

5/19/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house.

5/23/25: Received multiple alarms overnight. Remote monitoring. Looks like a power outage, but no power fail alarm. Checked on wells and pump house following power outage.
811 locate at 6855 Squaw Creek. Marked curbstops and walked project with homeowner.

5/27/25: Checked infrastructure; record pressures, tank levels, chlorine residual, and meters in pump house. Replaced 16 mesh with 24 mesh on tank vents. Tried to dig out drain for intermediate tank but can't get enough drop for EPA regulations.

5/28/25: 811 locates along Squaw Creek, Limber Pine, and Porcupine. Referenced maps, called excavator, marked approximate location of lines. No charge.
Met with David Robertson at well vaults to figure out how to install sample taps in each vault

5/30/25: Call with Core and Main to order 4 water meters

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. There are 2 quotes for 4 tank hatch extensions and lids, which are \$26,000 and \$18,000 (does not include delivery). 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. Enter data into GIS associated with each curbstop.

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