



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 December 2025

Water Usage:

December 2025 Average Gallons per Day: 14,848 gallons

December 2024 Average Gallons per Day: 10,959 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 SCADA system.

Work Completed in December:

12/1/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house. Set up trickle charger for upper tank batteries. Returned later to check on batteries at tank, but they were still low. Call with Ben at Automation Werx. Ran booster in hand. Reset relays at tank and cycled power.

12/4/25: Completed and submitted lead consumer notices for EPA.

12/8/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

12/9/25: Collected routine bacteria sample at 6805 Squaw Creek Rd. Results: TC negative, E.coli negative. Upper tank communications loss alarm. Checked extension cord and battery. Reset relays, but still no communications. Calls with Automation Werx. Replaced fuse, but that immediately blew. Calls with Automation Werx, and they will repair.

12/15/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

12/21/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house.

12/22/25: Call with Automation Werx about communications losses. Purchased and set up new battery charger.

12/30/25: Checked infrastructure, pressures, tank levels, chlorine residual, and meters in pump house. Low amps alarm on well 2. Calls with Ben at Automation Werx. Contactor may be frozen. Went to well site, reset well, and got well to run in hand at normal amps. Put everything back in auto.

1/7/25: Response to low tank alarms, tanks were actually overflowing. Fluctuations in battery at solar panel caused incorrect readings on tank level. Took batteries to CarQuest to test and they were bad. Purchased and installed new batteries on solar unit at top tank.

Upcoming Projects:

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

Suggested upcoming projects:

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