

Water Supply

Our water supply is a well ~180 ft deep, located next to the fence behind the McCorkel cabin. The pressure tank for the pump is located in the old cistern at the McCorkel cabin and the pressure cycles between 50 and 65 psi. In the cistern there is a distribution manifold with 4 output lines, each labeled with the cabins they serve, and each containing a separate shut-off valve. The valve is closed when the handle is perpendicular to the line (horizontal position) and open when parallel to the line (vertical position). The recommendation is that all 4 of the supply valves be closed by the time of the Fall close-up.

The water supply within each family cabin is the responsibility of the cabin owner. This includes winterizing in the Fall and turning on in the Spring. **Specific**, detailed instructions should be posted inside each **cabin**. When cabin owners arrive in the Spring, they will need to check their individual cabin water supply. **If they have water to their cabin, as evidenced by water pressure at their freeze-faucet, they need only to correctly reposition the water valves specific to their cabins.** This generically means closing any outside drain valve(s) and cabin faucet valves and opening the main supply valve.

If the cabin owner does not have water pressure at their cabin freeze faucet,

- (1) they should check that the line valve for their cabin supply, located in the cistern behind the McCorkel cabin, is open, i.e., in the vertical position.
- (2) If it is not, turn it so and check the cabin freeze faucet.

It is important to check the freeze faucet locations of all the other cabin on that line for obvious leaks (rushing water) whenever turning on a line valve in the cistern.

All of the cabin owner names are listed together on the yellow tags in the cistern.

Note: there are two pairs of cabins which need special attention when opening the supply valves in the cistern: Russell and A. Snover; and Wynne and Ogilvie, because those pairs of cabins have a common-drain that needs to be checked before opening the supply valves at Mary Lane and at the Wynne cabin, respectively.

If there is still no water pressure at the cabin freeze faucet after the line valve in the cistern is open

- (1) then check to see that there is electricity at the McCorkel cabin by turning on the outside light switch at the main entrance. If there is no electricity, call Penelec.
- (2) If there is electricity, then either the pump circuit breaker is tripped or the pump is faulty, or both
 - check the well pump circuit breaker, located in the tool shed.
 - If it is tripped, reset the breaker.
 - If it trips, call DeArmit or another well driller because the pump is likely faulty.
 - If it does not trip, but there is still no water pressure, call a well driller

There is one other aspect to the water supply system, namely a sump pump located in the cistern that pumps out rain water and snow melt that infiltrates the cistern. The electric line for the sump pump comes from the McCorkel cabin, and the main circuit breaker in the McCorkel kitchen to the right of the sink, and it must be left on year around. The drain for the sump pump is next to the split rail fence behind the McCorkel cabin and is currently a surface trench but should be replaced by perforated pipe.

If the cistern has water on the floor, call a plumber to bring in a portable sump pump and troubleshoot the sump pump and provide the above information about the electric supply from the McCorkel cabin.

Check the caulking around the collar on the cover to the cistern and the slight drainage trench around the cover (both are to minimize the rainwater leakage into the cistern).

It is the cabin owner's responsibility to shut off the water supply at the cabin and drain their cabin's plumbing. A detailed procedure should be posted within each cabin. At the Fall work weekend, the line valves in the cistern should be turned OFF.

If any cabin owner turns the water ON after that time, to get water at a freeze faucet, it is their responsibility to turn the valve OFF again.

Winterizing and turn-on of the Common room and Bathhouse is an SCRA responsibility.