

CAMP WILABOSCA WATER SYSTEM OPERATION (revised January 2013)

START UP PROCEDURE

1. Turn off yellow handled valve to stop the flow to the filters.



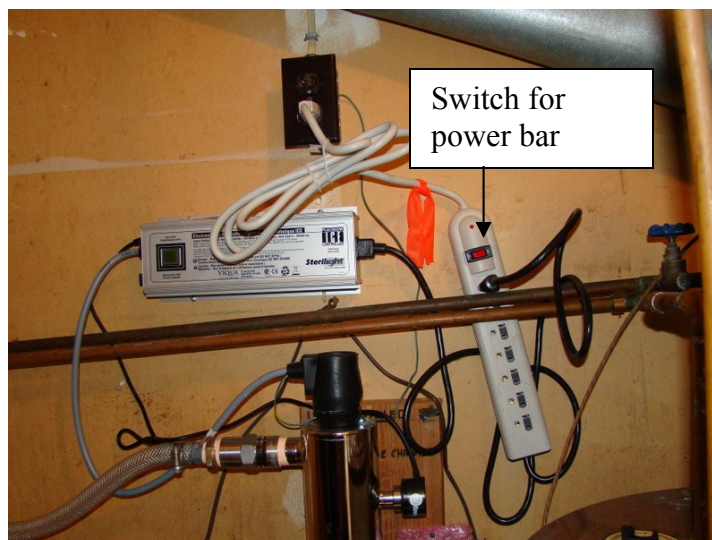
2. Turn on the power bar on the outside (west) wall. This turns on the pump and the hot water heater exhaust fan.



3. Open valve beside pressure guage to flush clear hose into a pail and then outside. Flush for 1-5 minutes until the water runs clear. Then close valve. (If the pump is running and there is no water coming from the clear hose after the valve was opened then the pump will need to be re-primed – see section on priming).



4. Turn on the power bar for the UV unit and wait for the self test to complete. When the light is green proceed to step 5. If the light does not turn green call someone from the list on the bulletin board in the kitchen.



5. Open yellow handled valve to allow water to flow to the filters.



6. Ensure red handle in white valve is in the open position. See below.



WHAT IF THERE IS NO WATER COMING FROM THE TAPS?

If the pump started and water came out of the clear hose in step 3, then either the valves that allow water into the camp are turned off (white with red handle and yellow handled valve), or one or both of the filters are plugged. Turn valves on and try again. If there is no water at the taps then change the small filter.

TO CHANGE THE SMALL FILTER

1. Turn off the yellow handled valve and open a tap in the kitchen.
2. Place a pail on the floor under the filter then press the red button on top of the filter to release any remaining pressure.



3. Unscrew the clear plastic housing and remove the old filter. Swirl the water in the housing to remove the sediment that has accumulated there. Note: during this process do not lose the black “O” ring from the top of the clear housing.



4. Get a new filter from the top shelf on the outside wall of the pump room. Place the filter in the clear plastic housing. Ensure that the centre hole in the filter sits on the raised “button” on the bottom of the clear plastic housing.



5. Rethread the clear housing and new filter onto the top of the unit.
6. Partially open the yellow handled valve and allow the filter unit to fill with water. When it is full and water is running through the pipes into the lodge, then open the valve fully. Go inside and close the kitchen tap that was opened in step 1.

IF THERE IS NO WATER FLOW INTO THE LODGE AFTER CHANGING THE SMALL FILTER, THEN THE LARGE FILTER WILL HAVE TO BE CHANGED.

1. Call someone on the list on the bulletin board in the kitchen before proceeding.
2. Ensure there is a replacement filter in the pump room.
3. Close yellow handled valve and open a tap in the kitchen.
4. Release any remaining pressure by pressing the red button on top of the small filter.
5. Use the wrench on the wall to remove the blue housing. Remove the old filter and clean out any accumulated sediment in the blue housing.



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6. Put in a new filter and rethread blue housing into the top of the unit.
7. Partially open the yellow handled valve and when water comes from the tap in the kitchen, open the valve totally and shut off the kitchen tap.

SHUTDOWN

To shut down the system:

1. Turn off the yellow handled valve



2. Turn off the power bar for the UV unit.



3. Turn off the power bar for the pump and hot water heater fan – the power bar on the outside (west) wall.



PRIMING THE PUMP

1. Turn off the power bar on the outside wall
2. Close the flush valve beside the pressure guage.



3. Open valves A and B (see below) and siphon or pour water into valve A until it is full, then close A. Then fill valve B and close.



4. Start the pump and open the flush valve slightly.
5. Repeat steps 1 to 4 until the water is flowing, then close the flush valve and let the pump build pressure until it shuts off.
6. Open flush valve and flush water outdoors until it is clean. Then close the flush valve and return to step 4 of the start up procedure.

