





## How to Turn ON Water in the Spring

TOOLS		<p>Here are the tools you will need:</p> <ul style="list-style-type: none"><li>• Vice grips</li><li>• Adjustable wrench</li><li>• Flathead screwdriver</li></ul>
In the sauna:		<p>Make sure hot water tank switch is turned "OFF".</p> <p>This is to make sure that when the electricity is turned on that the hot water tank heating element doesn't burn out before water has been put in the tank.</p>
In the cottage:		<p>Inspect for and clean up any dead animals and mouse droppings:</p> <ul style="list-style-type: none"><li>• Fridge</li><li>• Stove</li><li>• Wood oven</li><li>• Behind couches</li><li>• Under sink</li><li>• Etc.</li></ul>
In the cottage:		<p>Flip main electrical power switch to "ON".</p>

In the cottage:



Make sure kitchen and bathroom hot & cold water taps are all open, and that the drains are open to allow water to drain.

This will allow the air in the pipes to escape when the water is turned back on.

In the bathroom:

**TOILET**



Behind the toilet, reconnect the hose to the cold water source.

Tighten nut with adjustable wrench.





**Failure to do this step will result in the bathroom flooding when the water is turned back on!**

In the bathroom:





**TOILET**







Make sure the cold water tap behind the toilet is open.





<p>Under the cottage: <b>WATER PUMP</b></p>		<p>Remove dirty underwear from pump intake hole.</p>
<p>Under the cottage: <b>WATER PUMP</b></p>		<p>Reattach hose from the lake to pump intake hole.  Tighten with flathead screwdriver.</p>
<p>Under the cottage: <b>WATER PUMP</b></p>		<p>Remove nut from top of pump, using an adjustable wrench.</p>
<p>Under the cottage: <b>WATER PUMP</b></p>		<p>Prime pump by completely filling pump (and hose from lake) with lake water until it starts coming out the bottom of the tank.  Approximately 2 jug-fulls from this Heinz Vinegar container should do it.</p>






<p>Under the cottage:</p> <p><b>WATER PUMP</b></p>		<p>Screw the nut back on top of the pump.</p>
<p>Under the cottage:</p> <p><b>WATER PUMP</b></p>		<p>Flip the water pump switch to "ON".</p> <p>(If you just hear a buzzing noise and it clicks off after a few seconds, it means the motor has seized. If this happens, make sure the pump is primed and flip the switch ON-OFF-ON-OFF several times, to get it to start. If that doesn't work, then shake the crap out of it!)</p>
<p>Under the cottage:</p> <p><b>WATER PUMP</b></p>		<p>Flip the water pump switch to "OFF" when water comes out the bottom of the tank.</p>
<p>Under the cottage:</p> <p><b>WATER PUMP</b></p>		<p>Reconnect outlet hose to bottom of tank.</p> <p>Tighten with flathead screwdriver.</p>

<p>Under the cottage: <b>COLD WATER</b></p>		<p>Close valve on junction that goes to green garden hose.</p>
<p>Under the cottage: <b>COLD WATER</b></p>		<p>Close the hot water tank drain valve, by using a flathead screwdriver and turning clockwise.</p>
<p>Under the cottage: <b>COLD WATER</b></p>		<p>Reconnect cold water intake from hot water tank (silver hose with blue stripes) to cold water junction.  Tighten with vice-grips.</p>
<p>Under the cottage: <b>COLD WATER</b></p>		<p>Reconnect cold water hose that goes to other side of cottage to junction.  Tighten with vice-grips.</p>



<p>Under the cottage: <b>COLD WATER</b></p>		<p>On other side of cottage, reconnect cold water hose from bathroom faucet to junction.  Tighten with vice-grips.</p>
<p>Under the cottage: <b>COLD WATER</b></p>		<p>For now, close valve that goes to sauna.  We'll do the sauna connection later.</p>
<p>Under the cottage: <b>HOT WATER</b></p>		<p>Reconnect hot water outlet from hot water tank (silver hose with red stripes) to hot water junction.  Tighten with vice-grips.</p>
<p>Under the cottage: <b>HOT WATER</b></p>		<p>Connect hot water hose for kitchen faucet to junction.  Tighten with vice-grips.</p>

<p>Under the cottage: <b>HOT WATER</b></p>		<p>On other side of cottage, attach the quick-connect hot water hose to bathroom faucet copper pipe.</p>
<p>Under the cottage: <b>WATER PUMP</b></p>		<p>Flip the water pump switch to "ON".</p>
<p>In the cottage:</p>		<p>Turn off taps upstairs when water comes out of kitchen and bathroom faucets, and all air has been flushed out of the lines.</p> <p>Make sure a solid stream of water (no air) comes out when only the <u>cold</u> water tap is on. That proves that the cold water lines are working.</p> <p>Make sure a solid stream of water (no air) comes out when only the <u>hot</u> water tap is on. That proves that the hot water tank is full, and that the hot water lines are working.</p>

In the cottage:



If water is not coming out of the bathroom faucet properly (little or no water), then the filter is clogged with debris.

Find a  $\frac{3}{4}$ " chisel and unscrew the filter from the faucet.

Water should now come out of the faucet with no issue, proving that it was the filter.

Clean the filter, then screw the filter back in using the chisel.

Water should now come out of the faucet with no issue.

In the cottage:



If the toilet tank is not filling with water properly (little or no water), then the filter is clogged with debris.

Turn off the cold water tap behind the toilet.






Under the toilet, unscrew (by hand) and disconnect the cold water intake hose. The little bit of water that's stuck in the hose might drain out.



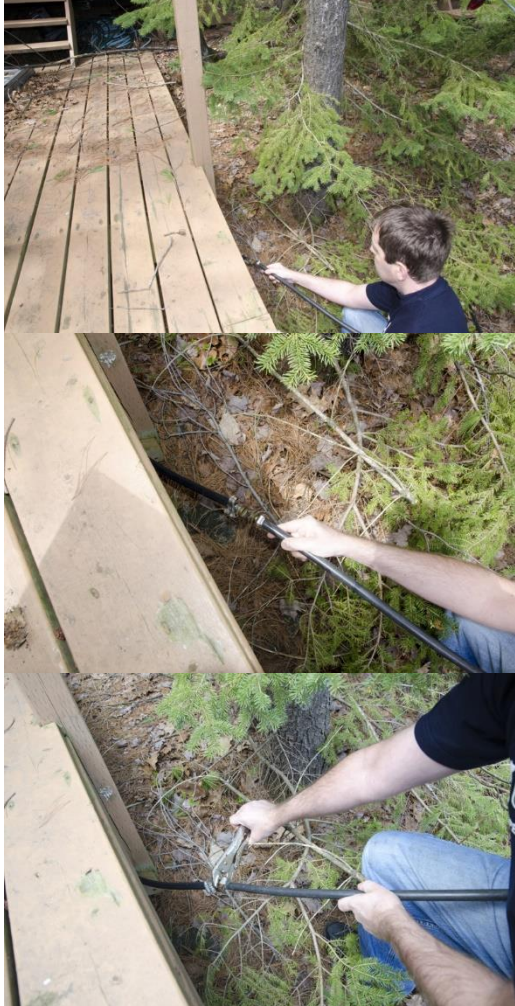
Using a set of pliers, grab the plastic nib of the filter and gently pull it out. Don't worry, water won't drain out the tank.

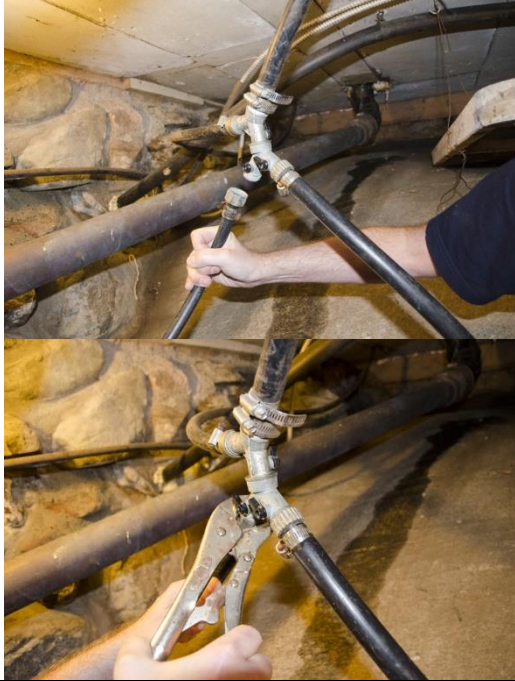


Clean the debris out of the filter, then put it back, reattach the cold water intake hose, and turn the cold water tap back on.

The toilet tank should now fill with water without issue.






<p>Under the cottage:</p>		<p>Check for leaks under the cottage and tighten any connections as required.</p>
<p>Under the cottage:</p> <p><b>HOT WATER</b></p>		<p>Flip the hot water tank switch to "ON".</p> <p>After about an hour, there should be hot water in the cottage.</p>
<p>Inside the sauna:</p>		<p>Inside the shower, make sure hot water tap (left) is fully open and cold water tap (right) is fully closed.</p> <p>(Leaving the hot water tap open allows the air to escape while the hot water tank is being filled.)</p>
<p>Inside the sauna:</p>		<p>Make sure both taps beside the shower are fully closed.</p>
<p>Inside the sauna:</p>		<p>Close the tap at the bottom of the hot water heater.</p> <p><b>Failure to do this step will result in the sauna room flooding when the water to the sauna is turned back on!</b></p>

<p>Outside the sauna:</p>		<p>Make sure bottom tap on outside wall of sauna building is open.</p> <p>This allows water to enter the hot water tank when the water to the sauna is turned back on.</p>
<p>Outside the sauna:</p>		<p>Close the top (blue) tap for the garden hose.</p>
<p>Outside the sauna:</p>		<p>Beside the stairs heading to the lake from the sauna, reattach the two black hoses.</p> <p>Tighten with vice-grips.</p>

<p>Under the cottage:</p>		<p>In the back left corner under the cottage, reconnect the cold water hose that goes from junction to the sauna.</p> <p>Tighten with vice grips.</p>
<p>Under the cottage:</p>		<p>Open the valve to the hose going to the sauna.</p> <p>This causes cold water to go to the sauna, and into the sauna hot water heater.</p>
<p>In the sauna:</p>		<p>Check for leaks at the tap at the bottom of the sauna hot water tank.</p>



<p>Outside the sauna:</p>		<p>Check for leaks beside the sauna, and at the hose connection beside the sauna staircase to the lake.</p>
<p>Inside the sauna:</p>		<p>You should hear gurgling sounds in the shower as water is entering the hot water tank. Filling the tank should take about 10 minutes.</p> <p>When water comes out of the shower head, it means the hot water tank is full, so close the hot water tap in the shower.</p>
<p>Inside the sauna:</p>		<p>Flip sauna hot water tank switch to "ON".</p> <p>In about an hour, there will be hot water in the sauna.</p>

DONE!