

The goal of this process is to disinfect your well and house plumbing from bacteria caused from coliform, *E. coli* and/or iron bacteria. These bacteria range in effect from sickness to foul odor.

Once you have completed this process, be sure to run water in every tap/toilet/fixture as much as possible.

One of the most important areas to treat is the hot water heater as it provides an excellent breeding ground for bacteria if not hot enough (140°F) to eradicate.

You must wait until there is no more chlorine before re-testing your water. If you are having trouble discerning whether you have chlorine present, you can purchase pool/spa test strips at your local pool/spa or hardware supply stores.

The amount of chlorine bleach you will use will depend on your well

depth and water production.

You must ONLY use PLAIN/REGULAR CHLOROX, as it is the only food grade chlorine available over the counter.

GENERAL RULE OF THUMB:

(Spring tiles are roughly 80 gal per tile of water)
3 tiles = ~ 240 gal water

<u>gallons</u>	<u>depth</u>	<u>Chlorox</u>
80-240	1-3 full tiles	1 quart-1 gal*
≤ 225	150' 6" well	1 quart-1 gal*
≤ 450	150' – 300' well	½ gallon bottle
≤ 750	300' – 500' well	1 gallon bottle
≤ 1050	500' – 700' well	2 gallon bottles

*go with larger size if source has a high yield

- 1. Remove well cap or spring tile and pour the Chlorox into the well.
- 2. Run a hose from either the tap at pressure tank or an outside hose port to the well or spring. Turn on the water making sure the hose goes down into the well and rinses off the sides where any bleach may have splashed. Do this process

for roughly 15-30 minutes. During this phase, you are re-circulating the system.

- 3. After re-circulation, you may want to turn off that hose and begin running the super chlorinated water through your house system. If you have hard water or a high ph, it may take awhile for the chlorine to be noticeable.
- 4. Start by running hot water at 1+ taps until you either:
 - a) Run until cold
 - b) Smell chlorineOr
 - c) Test strips show positive for chlorine.

Test strips are highly effective because chlorine may be present but due to the makeup of your water, you can't smell it.

- 5. Shut off hot water taps, and repeat for cold water.
- 6. Leave this super chlorinated water in your plumbing lines as long as possible, preferably over night, but a minimum of 3 hours.
- 7. When you begin flushing the system, it is highly recommended that you start by running a hose from the pressure tank or an outside tap to get most of the chlorinated water in the well pumped out before starting the in-house portion. This helps keep your septic system healthy.
- 8. Flush all lines, run water for 30 minutes + or until the chlorine smell/odor is gone. It is suggested that during flushing you remove as many fixture strainer-

aerators as possible as you may get sludge or particles that will block the flushing process if you have too much crud in your lines.

If you have used too much chlorine for the size of your well, it will possibly take weeks to get all the chlorine out, so please be mindful when making your application.

It's your water and you have to use it.

If you have a question as to how much to put in, please call my pager 802-283-3201 and I will get back to you as soon as is possible.



Bacteria in your water means trouble!

HOW TO DISINFECT YOUR WATER

Provided by

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