



## Well Water Disinfection

1. First determine how much regular household bleach is needed for disinfecting your well by referring to the chart below. Mix the household bleach with 5 to 10 gallons of water in a clean container. Use regular household laundry bleach.
2. Remove the well cover and sanitary seal.
3. Pour the bleach and water solution directly into the well casing, while splashing the pump, piping, and casing.
4. Attach a hose to an outside tap and use it to wash down the interior of the well and to circulate the bleach throughout the well. Let the hose run for at least 30 minutes.
5. Open each tap inside and outside the house. Close tap when a chlorine smell is detected. The hot water tank and the toilets should be flushed as well.
6. Replace the well cover and any seals.
7. Allow the chlorinated water to remain in well and house plumbing for 12 to 24 hours. Toilets may be used as necessary.
8. Remove the chlorinated water from the system and well by running the water from an outside tap to a safe area using a hose. Do not run water on vegetation or into a lake, stream, or wetland. Run water until chlorine smell is gone. Open inside taps and flush until smell is gone.
9. Resample and retest for bacteria after chlorine smell is completely gone. **Water should not be used for drinking until laboratory test results indicate the absence of coliform bacteria.**

### Quantities of 5.25% Calcium Hypochlorite - Household Bleach

		<u>Depth of Water in Well</u>								
		10'	20'	30'	40'	60'	100'	150'	200'	300'
<u>Diameter of Casing</u>	6"	1 Cup	1 Cup	1 Cup	1.5 Cups	1.5 Cups	2 Cups	1 Quart	1 Quart	2 Quarts
	12"	1.5 Cups	2 Cups	3 Cups	1 Quart	1 Quart	2.5 Quarts			
	24"	1 Quart	2 Quarts	1 Gallon	1 Gallon	1 Gallon	2 Gallons			
	36"	2.5 Quarts	1 Gallon	1.5 Gallons						

Disinfectant volumes based on Northeast District Department of Health recommendations.

Please contact a Premier Laboratory Drinking Water Specialist with any questions.

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