

## WELL DISINFECTION

### To Disinfect Drilled Wells:

1. Using the table (below), determine the amount of water in the well by multiplying the gallons per foot by the depth of the well in feet.
2. For each 100 gallons of water in the well, use the amount of chlorine (liquid or granules) indicated. Mix this total amount of liquid or granules in about 10 gallons of water. Be sure dry granules or tablets are completely dissolved before adding to the well.
3. Pour the solution into the top of the well before the seal is installed.
4. Connect a hose from a faucet on the discharge side of the pressure tank to the well casing top. Start the pump. Spray the water back into the well and wash the sides of the casing for at least 15 minutes.
5. Open the faucet in the system and let the water run until the smell of chlorine can be detected. Then close all the faucets and seal the top of the well.
6. Let stand for several hours, preferably overnight.
7. After you have let the water stand, operate the pump, discharging water from all outlets (turning on all faucets), until all odor of chlorine disappears. Adjust the flow of water from faucets or fixtures that discharge into septic tank systems to avoid overloading the disposal system.

<b>DRILLED WELLS</b>	
Diameter of Well (in inches)	Gallons per Foot
3	.37
4	.65
5	1.0
6	1.5
8	2.6
10	4.1
12	6.0

**AMOUNT OF DISINFECTANT REQUIRED FOR EACH HUNDRED GALLONS OF WATER**  
**Laundry Bleach (5.25% Chlorine) 3 CUPS**  
**Hypochlorite Granules (70% Chlorine) 2 Ounces**

### To Disinfect Dug or Bored Wells

1. The amount of water in the well determines how much disinfectant (bleach or granules) is required (see table below).
2. To determine the exact amount of chlorine liquid or granules to use, multiply the amount of disinfectant indicated (according to the diameter of the well) by the depth of the well.
3. Add this total amount of liquid or dry bleach to about 10 gallons of water. Splash the mixture around the lining or wall of the well. Be certain the bleach solution contacts all parts of the well.
4. Seal the well top.
5. Open all faucets and pump water until a strong odor of chlorine is noticeable at each faucet. Then stop the pump and allow the solution to remain in the well overnight.
6. After it stands overnight, operate the pump, discharging water from all outlets (turning on all faucets) until the chlorine odor disappears. Adjust the flow of water faucets or fixtures that discharge to septic tank systems to low flow to avoid overloading the system.

### DUG OR BORED WELLS

<u>Diameter of Well</u> (in feet)	<u>Amount of</u> 5.25% Bleach per foot of water	<u>Amount of</u> 70% Chlorine Granules per foot of water
3 ft.	1½ cups	1 ounce
4 ft.	3 cups	2 ounces
5 ft.	4½ cups	3 ounces
6 ft.	6 cups	4 ounces
7 ft.	9 cups	6 ounces
8 ft.	12 cups	8 ounces
10 ft.	18 cups	12 ounces

### DRIVEN WELL

All that is necessary to restore a driven or sand-point well is to pump it out thoroughly.  
 If the well has a pit, pump out any water that has accumulated in the pit.

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