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DISINFECTION OF A WATER WELL

The disinfection of drilled wells shall be accomplished in accordance with the following:

DIAMETER OF WELL IN INCHES	GALLONS PER FEET
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 100 gallons of water:

LAUNDRY BLEACH
(5.25% Chlorine)
3 Cups

HYOCHLORITE GRANULES
(70% Chlorine)
2 Ounces

1 cup = 8 oz. measuring cup
(2 cups = 1 pt.; 4 cups = 1qt.)

1 oz. = 1 heaping tablespoon granules
(16 oz. = 1 lb.)

- A) Determine the amount of water in the well by multiplying the gallons per foot by the number of feet of water in the well.
- B) For each 100 gallons of water in the well, use the amount of chlorine liquid or compound given in the above table. Mix this total amount in about 10 gallons of water. If dry granules or tablets are used, they may be added directly to drilled wells.
- C) Pour this solution into the top of the well.
- D) Connect one or more hoses from faucets on the discharge side of the pressure tank to the top of the well casing and start the pump, recirculating the water back into the well for at least 15 minutes. Then open each faucet in the system until a chlorine smell appears. Close all faucets. Seal the top of the well.
- E) Let stand for several hours, preferably overnight.
- F) After standing, operate the pump, discharging water from all outlets until all chlorine odor disappears. Faucet on fixtures discharging to septic tank system should be throttled to a low flow to avoid overloading the disposal system.