Instructions for Disinfection of Wells

1. After determining the well type as "drilled", "dug", or "bored", use one of the boxes below to calculate the amount of Liquid laundry bleach (5.25% chlorine) that will be needed to disinfect the well:

Drilled Wells

Use the following chart to determine the amount of bleach (in **cups**) needed to disinfect drilled wells:

Depth of Well (feet)	Diameter of Well (inches)						
	3	**4**	**5**	**6**	**8**	**10**	**12**
50	1.0	1.0	1.5	2.5	4.0	6.0	9
100	1.5	2.0	3.0	4.5	8.0	12.0	18
150	2.0	3.0	4.5	7.0	12.0	19.0	27
200	2.5	4.0	6.0	9.0	16.0	24.5	36
250	3.0	5.0	7.5	11.0	20.0	31.0	45
300	3.5	6.0	9.0	14.0	24.0	37.0	54
350	4.0	7.0	10.5	16.0	28.0	43.0	63
400	4.5	8.0	12.0	18.0	32.0	49.0	72

Find the diameter of the well across the top of the chart. Find the depth of the well on the left side of the chart. The intersecting box shows the amount of bleach (in **cups**) needed for disinfection.

Dug or Bored Wells

Use this information to determine the amount of bleach (in **cups**) needed to disinfect dug or bored wells:

Diameter of Well (feet)	3	4	5	6	7	8	10
Amount of 5.25% liquid laundry bleach (in **cups**) to use per foot of water	1.5	3	4.5	6	9	12	18

Find the diameter of the well (in **feet**) in the above chart. Record the amount of bleach per foot of well water below. Record the depth of the well water below. Multiply the two numbers together to determine the amount of bleach (in **cups**) needed for disinfection.

_____ X _____ = _____ Cups of Bleach
amount depth

Example: The diameter of the well is 4 feet and is 20 feet deep. A 4 ft. diameter well requires 3 cups of bleach per 1 foot depth of well. 20 foot depth X 3 cups equals 60 cups of laundry bleach to disinfect well. (**Note**: 16 cups = 1 gallon)

2. Mix the bleach with ten (10) gallons of water in a large bucket(s).
3. Remove the well cap and splash the mixture around the lining or wall of the well. Be certain that the solution has contacted all parts of the well. Use the entire amount of the solution.
4. Connect a hose from an outside faucet on the discharge side of the pressure tank to the top of the well casing, recirculating the water back into the well for 15 minutes.
5. Rinse the chlorine solution off of wire and pitless adaptor of a drilled well. Replace well cap. Open each faucet in the system until a chlorine smell is noticeable. Close all faucets. Let stand for several hours, preferably overnight. The following day, run an outside hose first to eliminate most of the chlorine (this will keep your septic system from receiving too much water). Next, turn on all water faucets and allow the water to run until the bleach taste and odor disappear. The water may have to run for several hours.

NOTE: It is recommended that no dark-colored clothing be washed until chlorine is no longer detected in the water supply.
CAUTION: Do not allow well to run dry. Doing so may result in damage to the pump!!!
For Safety, ALWAYS follow the warning labels on any bleach or chlorine product.