



# COUNTY OF KINGS

## DEPARTMENT OF PUBLIC HEALTH DIVISION OF ENVIRONMENTAL HEALTH SERVICES

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### DISINFECTION OF WELLS

Wells recently constructed or repaired, or wells that have been flooded or otherwise contaminated should be thoroughly disinfected before being put into use.

1. Pump well to waste until water is relatively free of turbidity.
2. Stop pump.
3. Add chlorine solution (see table below) to the well by removing the threaded access plug on the well cap or directly into the casing pump drop pipe.
4. Allow well to stand for approximately 30 minutes to permit chlorine to settle in well, then surge well by alternately starting and stopping pump in order to wash down inside of casing and drop line with chlorinated water.
5. Open taps at farthest ends of water system and at "dead ends". Then close taps when there is an odor of chlorine in the water.
6. Let well stand without pumping for 24 hours or as prescribed by Health Department.
7. Pump well to waste until there is no color or odor of chlorine in the water.

**Table A**  
**Chlorine Compounds**

Diameter of Pipe or Casing in Inches	5% Purex, Clorox, etc.	70% Perchloron, etc.	25% Chloride of Lime
2	2 ounces	1/4 ounce	1/2 ounce
4	9 ounces	1 ounce	2 ounces
6	20 ounces	2 ounces	4 ounces
8	2 1/8 pints	3 ounces	7 ounces
10	3 1/2 pints	4 ounces	11 ounces
12	5 pints	6 ounces	1 pound
16	1 gallon	10 ounces	1 3/4 pounds
20	1 2/3 gallons	1 pound	3 pounds
24	2 1/3 gallons	1 1/2 pound	4 pounds

It is suggested that, where wells to be treated are of unknown depth or volume, at least 1 pound of 75% available chlorine or one gallon of household bleach such as clorox or purex (5.25% chlorine) may be added in lieu of use of the above table.