

IROQUOIS PUBLIC HEALTH DEPARTMENT

GUIDE FOR DISINFECTION OF WELLS

1. Drilled Well

Amount of Disinfectant Required for
Each 100 Gallons of Water

Diameter – 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

Laundry Bleach (5.25% Chlorine)	Hypochlorite Granules 70% Chlorine
3 Cups	2 Ounces

1 Cup = 8 oz. Measuring Cup
(2 Cups = 1 Pt. 4 cups = 1 Qt.)
1 Oz. = 1 Heaping Tablespoon
Granules (16Oz. = 1 Lb.)

- A. Determine the amount of water in the well by multiplying the gallons per feet by the number of feet 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 tables. 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 before the seal is installed.
- D. Connect one or more hoses from faucets on the discharged 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 chlorine smell or taste 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 and taste disappears. Faucets on fixtures discharging to septic tank systems should be throttled to a low flow to avoid overloading the disposal system.

2. Dug Well

Diameter of Well (In feet)	3	4	5	6	7	8	10
<u>Amount of 5.25% Laundry Bleach to Use per foot of water (In cups)</u>	1 1/2	3	4 1/2	6	9	12	18
<u>Amount of 70% Chlorine Granules or Powder to Use per foot of water (oz)</u>	1	2	3	4	6	8	12