

### ARTESIAN/DRILLED (4 - 8) INCH DIAMETER WELL CASING /100-900+ Ft. DEEP

1. Determine how deep the well is—consult well driller, well permit, etc.
2. The best substance to use to chlorinate this type of well is : CALCIUM HYPOCHLORITE - the dry form of Chlorine—in either granulated or pellet form. Make sure the ingredient label says: Calcium Hypochlorite—approx. (40%-90% Chlorine). This can be purchased at pool supply stores, some hardware stores, Wal-Mart, etc.
3. The formula to use for determining how much Calcium Hypochlorite to use is this:  
>>>FOR EVERY 1.50 FT. of water - YOU NEED 6 OUNCES OF  
CALCIUM HYPOCHLORITE<<<<<<  
(for example: a well with 300 ft. of water would take 12 ounces of Calcium Hypochlorite)
4. A NOTE OF CAUTION CONCERNING OLDER (BEFORE 1988) DRILLED WELLS: In some older drilled wells the pump is attached to a spring-loaded mechanism, which can allow the pump to drop to the bottom of the well—so extreme care must be taken when going in the top of the well. If in doubt—consult a plumber or well driller before going inside the top.
5. Unbolt the top of the well, (do not disturb the wires going in well) pour in the correct amount of Calcium Hypochlorite—being careful in handling, due to its toxic nature - don't get on skin or breathe the vapors. After pouring in the granules, take a garden hose hooked up to the house, and hold the end of the hose over the opening of the well. Turn on the water and run it down into the well until you smell chlorine coming out of the hose. This allows the pump to pull the granules down below it and ensures that the chlorine gets below the pump where the bacteria are. Now turn the water off and replace the top on the well and secure the bolts back around the top.
6. DO NOT RUN ANY WATER FOR 12 HOURS. ( It is a good idea to collect some water in containers beforehand, for washing and flushing during the 12 hr. period, if someone is living in the house.) If necessary, turn OFF the pump switch or breaker. Do not allow anyone to drink the water while high levels of chlorine are in it.
7. After 12 hours, go to each faucet in the house, in turn, and run just enough water until you smell chlorine—then turn the faucet off. Do this with all the faucets in the house. Then, with all the faucets OFF—let the chlorinated water sit in the house lines for 1 HOUR.
8. After the 1 hour, go to an outside faucet, (DO NOT run the chlorinated water into your septic system) - run the hose away from the house, and run the water, until you cannot detect an odor of chlorine in the cold water any longer. Only after the odor of chlorine is gone in the cold water, can a water sample be tested. (You will notice some chlorine odor in the hot water, for several weeks) This is not a worry.
9. Follow sampling instructions on back of sample form.