



RECOMMENDATIONS FOR CHLORINATION OF WELLS

1. Calcium hypochlorite tablets are recommended for the super chlorination (disinfection) of your well. Use tablets with calcium hypochlorite as the active ingredient. Sources of tablets include water supply vendors and swimming pool supply dealers.
2. Break the tablets in different sized pieces by placing them on a solid surface (brick or concrete) and tapping with a hammer. Read and observe containers safety precautions, use eye protection and wear safety gloves. Do not wrap the tablets for breaking!
3. If you have a bored well, pour the broken tablets directly into the well. If you have a drilled well, remove the well air vent and insert the broken tablets through the vent opening. A rod or screwdriver may be used to force the particles through the opening.
4. Recirculate water to wash down the well walls. Replace the vent if removed for chlorine addition or recirculation. Then turn on each inside and outside faucet until you can smell chlorine in each faucet. Immediately turn off each faucet. Let the chlorine remain in the well and plumbing for 24 hours. High concentrations of chlorine in water are toxic and can burn the skin on contact and cause illness if consumed.
5. After the 24 hour period has lapsed, begin removing the chlorine by running the water through outside water faucets until you can no longer smell chlorine or bleach. Running the water through the outside water faucets avoids filling up your septic tank with chlorine and water, which could have a negative impact. Also be careful not to let your pump run dry, which could damage the pump. It is also recommended that water heaters be turned off to prevent damage from accidental system drainage. Highly chlorinated well water can also damage grass.
6. If you desire to have your water tested, please call the Environmental Health section of the Wilson County Health Department at (252) 291-0468 ext. 6659 to make arrangements for water sample requests. There will be an additional fee for the retest.
7. Listed below is the recommended amount of calcium hypochlorite tablets needed, depending on type of well, diameter, and distance of water column in well.

THESE ARE RECOMMENDATIONS ONLY! NO GUARANTEE OF A SAFE WATER SUPPLY IS IMPLIED OR EXPRESSED UPON FOLLOWING THESE RECOMMENDATIONS. THE EFFECTIVENESS OF CHLORINATION DEPENDS ON THE CONSTRUCTION OF THE WELL.

Drilled Well	
Diameter of Well	(100 ft.)
2 in.	(1 oz.)
4 in.	(3 oz.)
6 in.	(6 oz.)
8 in.	(11 oz.)

Bored Well	
Diameter of Well	Weight per 50 ft.
22 in.	2 ½ lb.
24 in.	3 lb.
28 in.	4 lb.
32 in.	5 ½ lb.
36 in.	7 lb.