

PLEASE RETAIN FOR FUTURE REFERENCE

THE WATER SAMPLE COLLECTED FROM YOUR WATER SUPPLY WILL BE TESTED FOR COLIFORM BACTERIA (INDICATOR BACTERIA NOT NORMALLY FOUND IN GROUNDWATER). THE RESULTS – “PRESENT/ABSENT” WILL BE REPORTED TO YOU AS SOON AS POSSIBLE. IF THE RESULTS ARE “PRESENT”(UNSATISFACTORY). PLEASE FOLLOW THE PROCEDURES LISTED BELOW TO DISINFECT YOUR WATER SUPPLY SYSTEM.

IF YOU HAVE ANY QUESTIONS, PLEASE CALL THE HEALTH DEPARTMENT AT 703-777-0234.

CHLORINATION PROCEDURE

GOAL: To insure a potable water supply by disinfection with a chlorine solution.

OBJECTIVE: Removal of bacteria, indicated by the coliform bacterial group, by treatment with 100 ppm chlorine solution.

Generally 2 gallons of household bleach will give the required 100 ppm of disinfection.

NOTE: Deeper wells, (+250 feet) or with wells with a high static water level, Calcium Hypochlorite (i.e., HTH Tablets) may be substituted for the bleach to insure an even dispersion. Mix between 8 and 10 ounces of Calcium hypochlorite with 5 gallons of water.

Mix 2 gallons of a name brand, household bleach with 5 gallons of water. (Caution: Exposed electrical connections are dangerous and should be avoided by all but a qualified electrician).

If a sanitary seal is present, pour solution down vent pipe.

If a pitless adapter and cap are present, remove cap and pour into well opening.

If possible, recirculate the solution by inserting a garden hose, attached to an outside tap at the house, down the well, lifting and lowering it for at least 15 minutes to effectively mix the solution and disinfect the sides of the well.

Let solution stand in well for at least 24 hours. Use as little water as possible, since large amounts of chlorine can upset the bacteria balance of your septic tank, and since you don't want to dilute the chlorine solution in the pipes. Water for drinking or cooking can be kept in open one gallon containers as the chlorine will dissipate over time into the atmosphere. Bathing or washing in heavily chlorinated water can bleach or burn clothes, skin, and hair.

After 24 hour, turn on all inside taps and fixtures until a chlorine odor is detected, then turn off taps for a second 24 hours. Again, use as little water as possible.

After the second 24 hour period, open outside taps to flush the chlorine from the system. Use outside taps to avoid overloading the septic system. The step may take several days, depending on the volume of water treated. Do not try to flush entire system in one day.

When a slight odor or taste of chlorine becomes evident, the system can be put into normal use.

To re-test the water, contact one of the labs listed on the reverse.

NOTE: Disinfection of the water supply by the above method should be done on a yearly basis.

CHLORINATION PROCEDURES

Retest by sampling twice, 2nd sample one week after first