

## **DRINKING WATER WELL DISINFECTION INSTRUCTIONS**

The water system may be disinfected by mixing chlorine bleach (Clorox, Dazzle, etc.) with the water in the well or spring, using approximately 1 Oz of bleach for each foot of well depth. For example:

<u>Well Depth</u>	<u>Bleach</u>
50 Ft	50 Oz
100 Ft	100 Oz
200 Ft	200 Oz

Note: 32 Oz = 1 quart  
64 Oz = ½ gallon  
128 Oz = 1 gallon

1. Slowly pour the bleach into the top of the well. Allow the water to stand for a minimum of ½ hour.
2. Starting with the faucet closest to the well and working away from it, turn on each faucet one at a time until the odor of chlorine (bleach) can be detected. Then turn off the faucet. When all faucets have been completed, the entire water distribution system will contain chlorinated water.
3. Allow the chlorine mixture to stand in the water distribution system for 18-24 hours. During this period do not use your water system. (It is acceptable to use toilet facilities during this period).
4. Flush the chlorine mixture from the water distribution system using an outside faucet and garden hose. **DO NOT FLUSH THE MIXTURE INTO YOUR SEPTIC SYSTEM.** Continue flushing the system until the odor of chlorine (bleach) can no longer be detected.
5. Please ask Micmac Environmental Laboratory for a Residual Chlorine Test for \$5.00. This test is used to detect if there is still chlorine in the water supply. There is a \$10.00 processing fee for rejection of samples due to chlorine (ex. *Bleach*) detected. By using the Residual Chlorine Test that processing fee can be avoided.
6. Submit a water sample to the Micmac Environmental Laboratory to retest for bacteria. If time is not a constraining issue, it's best to wait a week or so after disinfecting to perform the retest. This will show if in fact the bacteria problem was taken care of or not.