

# American Agricultural Laboratory, Inc.

700 West D Street PO Box 370 McCook, NE 69001

Office: 308-345-3670 / Fax: 308-345-7880 / [www.AmAgLab.com](http://www.AmAgLab.com)

*"Analysis You Can Grow With"®*

## Water Disinfection Instructions

For disinfection of your water supply, for E. coli or Total Coliform, follow the instructions below.

- Pour either chlorine granules or laundry bleach (see below table) into the well. Attach a hose to a nearby faucet and direct back in to the well. Open the faucet, allowing water to flow back in to the well and wash down the well casing, pipes, and other equipment. Let water run, back in to the well, for approximately one hour, or until strong chlorine odor is present.
- After allowing water to run, open all faucets (inside and outside) linked to the well. Let faucets run until a chlorine odor is present. Then close all faucets and let chlorinated water remain in system for at least 24 hours. Do not use the water during this time.
- After a 24 hour period: to avoid septic tank over load rinse water should run into a field or ditch, away from any streams or lakes. Attach a hose to an outside faucet and let water run until no chlorine odor can be detected. Chlorine may kill grass or shrubs. Before using water from inside faucets run water until chlorine odor is gone.

**\*Per each 10ft of water depth in well, add one or the other of the following:**

Well Diameter	Amount of Chlorine Granules*	Amount of Laundry Bleach*
2" - 8"	1 ounce	1 pint
10" - 14"	3 ounces	3 pints
16" - 20"	7 ounces	7 pints
22" - 26"	12 ounces	12 pints
28" - 30"	16 ounces	16 pints
36"	24 ounces	24 pints

\*\*Instructions from Nebraska Health and Human Services.

You should retest your water supply for total Coliform and E. coli bacteria no sooner than 3 weeks from time of chlorination. It is important to retest after 3 week to determine if there is a recontamination of the well which could indicate a larger problem such as a breach in your system which is letting in contaminants.

For more detailed information on shock chlorination, request the NebGuide, G95-1255-A "Shock Chlorination of Domestic Water Supplies," from your cooperative extension office or find it on the internet at <http://www.ianr.unl.edu/pubs/water/g1255.htm>.