

## Well Chlorination

**Shock chlorination ensures that bacterial contamination is controlled.**

### **When to Shock /Chlorinate Your Well**

- When lab test results indicate a presence of bacteria/coliform
- Upon completion of a new well or pump replacement

Shock chlorination, (disinfection), is recommended to ensure that bacterial contamination is eliminated. The best way to prevent a water supply from being contaminated by bacteria or pathogens is to eliminate the bacteria's access to the water source.

### **What is a Well Chlorination?**

- A chlorination or shock disinfection of the well consists of flushing a chlorine based solution throughout the entire system (well, distribution pipeline, water heater, pressure tank, all piping and faucets, and other equipment piping and fractures). After flushing you must let this solution sit in the plumbing for at least 12 hours.
- After this time has elapsed, water is run until the entire odor of chlorine is gone. This will take a while depending on the volume of the well and the plumbing. Within a few days after the odor is gone collect another sample to determine that the chlorination has completely disinfected the well.



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