

## Chlorination Procedure

1. Using 2 five gallon buckets, Mix  $\frac{1}{2}$  gallon of household bleach with four gallons of water in each bucket.
2. Remove cap from well. Pour the first bucket slowly down the well.
3. One at a time, run every inside tap, outside tap, and outside hydrant until a bleach smell appears. If the smell seems too weak, pour the second bucket down the well and prepare a third bucket.
4. Then attach a hose to one of the outside taps.
5. Pour the second or third bucket down the well.
6. Begin to circulate the chlorinated water from the well through the hose back down the well. This will rinse the casing and pump drop pipe with the chlorine solution. This is also important to rinse the wiring. Strong chlorine should not stay in contact with the wire for too long.
7. After circulating for 5 minutes, Disconnect the hose and run each tap again just enough to confirm that the chlorine smell is still present.
8. Let the solution set in the system at least 24 hours. You may use the water normally during the 24 hours but do not run it out all at once,
9. In drought conditions, you should ideally bring a tank / container full of chlorinated water to dump down the well. This is to raise the water level in the well and account for any drawdown during the process.
10. You may “if no tank is available” Fill several buckets the day before. This will allow time for the well to return to its static level. The purpose is to be sure the casing is treated 10 feet above and below the static water level.
11. After the chlorine smell dissipates, the well is ready to sample.