

Congratulations on your investment of a safe drinking water supply!

When your well is completed, we strongly suggest completion of the following items to ensure maximum protection of your water quality:

- 1) The groundwater is protected by a concrete annular seal around the well casing to a depth of at least 20'. Additional protection of the groundwater can be obtained by the placement of a concrete pad extending at least 12" out from the well casing and sloping slightly down and away from the casing so that surface water is directed away from the casing. If you intend to build a well house or cover, this pad can also serve as the foundation or flooring for this structure.
- 2) After plumbing for the residence is completed and **prior to first use of the water system**, it is advisable to disinfect the water since microorganisms may have been introduced during the drilling or building process.

To disinfect the system:

- a) Close all faucets.
- b) Pour one gallon of household bleach into the top of the well casing.
- c) Go to the **farthest** point to which water will be carried and open the faucet, let the water run until you smell chlorine then **immediately close the faucet**. Follow this same process for all other faucets - one at a time.
- d) Allow the chlorine to remain in the system for 24 hours without any water usage.
- e) After 24 hours, repeat c) but let water run until you **no longer** smell chlorine.

YOUR WATER IS NOW READY FOR DOMESTIC USE

*This disinfection process is also important should
your well become contaminated due to flooding or other circumstances.*

You may wish to confirm that your water supply is free of bacterial contamination by
water sample analysis.

PLUMAS COUNTY ENVIRONMENTAL HEALTH

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