

Shock Chlorination and Health Protection

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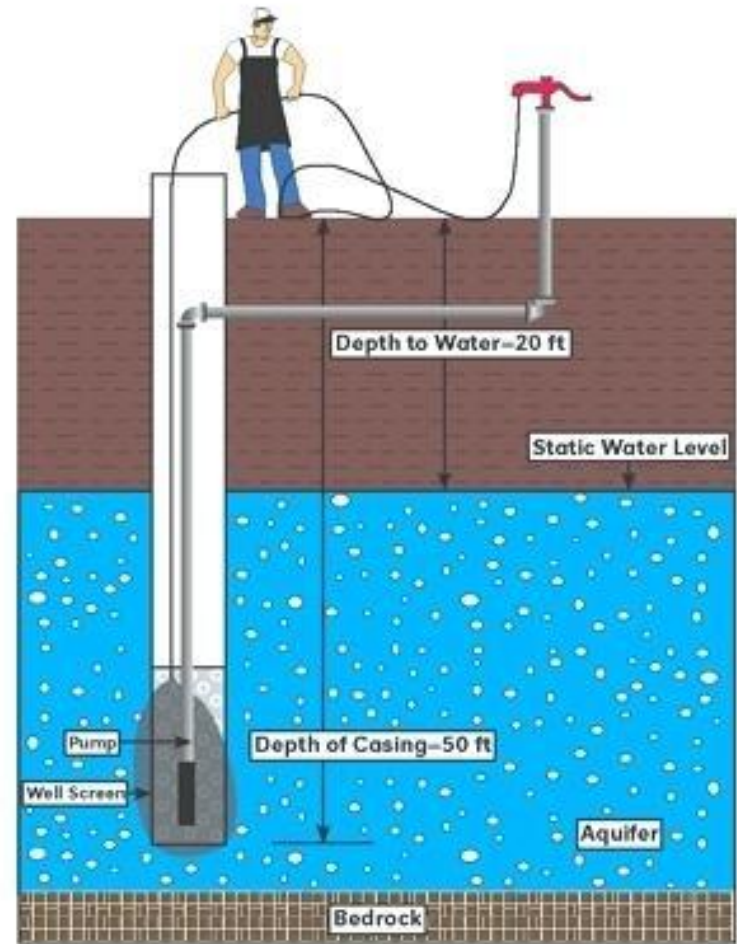
Excellent health and care for everyone, everywhere, every time.

Legislation

- S 6, Drinking Water Protection Regulation, a water supplier must provide potable water. Potable water is defined as “water provided by a domestic water system that
- A) meets the standards prescribed by regulation, (no detectable *E. coli* and total coliform bacteria), and
- B) is safe to drink and fit for domestic purposes without further treatment

Why Shock Chlorinate

- Bacterial contamination is identified in raw well water, the reservoir or distribution system
- Simple and effective process to remove bacteria



Fun Facts

- Chlorine increases pH in the water
- If above 7, biocidal activity is decreased, may need to acidify with vinegar or citric acid
- Biofilms and scale may protect microbes from the chlorine

