

## Environmental Engineering Private Wells Drinking Water

Private well owners are responsible for ensuring that their well water is safe to drink. The Florida Department of Health strongly recommends that private well water is tested for bacteria and chemicals at least annually. It is simple, affordable, and a great way to assure that the water is safe for you and your family to use.



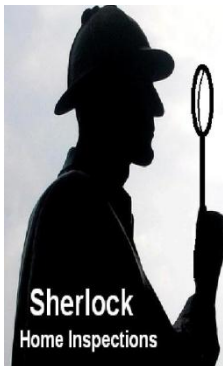
Good quality drinking water may be consumed in any desired amount without adverse effect on health. Such water is called “potable”. It is free from harmful levels of impurities: bacteria, viruses, minerals, and organic substances. It is also aesthetically acceptable.

Wells can become contaminated from bacteria and nitrates for a variety of reasons. Sometimes it is obvious like when flood waters enter the well, but many times it is not such as when septic tanks fail, fertilizers seep into the ground water or wash into streams and canals, or someone illegally dumps chemicals or sewage. Either way drinking contaminated water can make you and your family ill. Super-chlorination followed by de-chlorination is the most common solution for potential bacteria in the water supply.



As a service to the community, the Environmental Engineering Division of your local County Health Dept. is available to test your water for bacteria, interpret the results, and provide guidance on how to disinfect the well if the water is contaminated. We strongly recommend you annually test your well for bacterial contamination and nitrates.

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**Sherlock Home Inspections** will take two water samples from the home. We follow Florida Department of Health procedures for collecting water samples. We will test the first sample for bacteria, iron, hardness, pH, sulfate, & total dissolved solids (TDS). We will then have the second sample tested by the County Health Department for Total Coliform & E. Coli, which are micro biological indicators of harmful pathogens.

Call today to schedule your Water Quality Inspection