

Thursday 12 April - The follow up of your well water

The bank requires a microbiological water analysis when you purchase a home. The microbiological water analysis will verify the count of total coliforms, fecal coliforms, of enterococques, heterotrophic bacteria, and atypical colonies on m-Endo. This will determine the water's potability. When the results are positive, most people believe the water is perfect, and no more water analysis will be done. It is recommended to verify the microbiological analysis twice a year. If the water is considered drinkable, it is recommended to verify minerals also, which is another water analysis

To respect regulations of the quality of drinkable water you have a regular follow-up of the water when dealing with municipal water or a network of 20 persons. Considering you own your well, it is your full responsibility to ensure the follow-up and safety of the water.

To guarantee drinkable water you have many factors to verify. First you have to know where your well is, what kind of well it is, surface or deep well, or lake water, etc. You have to make sure no source of contamination is close to your well. You can have the acceptable distance for septic beds, manuring, etc., from your municipality... If you have a possibility of contamination, it is smart to correct the situation, to prevent a contamination, it is better to prevent than to correct a contamination

By protecting your water, your health and investment are protected. When selling your property, the water has to be drinkable, if the water is contaminated microbiologically, even after a few well disinfection, the original owner is responsible to install the proper equipment to have drinkable water.

In the case of private water supplies, it is recommended to ascertain the levels of all health-related parameters when a new well or spring is brought into use. Drinking water that continually contains a substance at a greater level than maximum acceptable concentration, will contribute significantly to consumer's exposure to the substance and may, in some instances, induce deleterious effects on health.

You need tree types of water for your home :

- Utility grade water, watering your lawn and plants usually requires no water treatment.
- Working grade water, this type of water needs to be of higher quality because it runs

through your plumbing, fixtures and water-using appliances. To make these essential household systems last longer and save you money, treated water is needed. A chemical water analysis is necessary to determine the need of equipment.

- Food grade water, the water we drink and cook with must be the highest quality water.

When using a well, for your own protection, it is important to be able to detect problems that could contribute in contaminating your well, and do the regular follow-up of the water.