

Why would I need or want a water tank or storage system?

There are several very good reasons for storage tanks:

- 1. Storage tanks provide a reserve of water that can be used during high demand periods when your well is not able to meet the instantaneous high demands.*
- 2. County ordinances often require storage tanks in certain areas to ensure an adequate supply of water in the case of a fire. These ordinances come into play when property is being built on, remodeled, etc...*
- 3. Storage tanks give a buffer capacity of water to offset times when your well pump needs servicing or replacement*
- 4. Storage tanks make some methods of water treatment (air stripping and circulation loop/polishing filters) viable & effective.*
- 5. If you have property with some good hillside/elevation, a storage tank is the ideal solution to a very simple water system that can be filled with a well/spring and use gravity to supply your water pressure needs. This is the most reliable type of system for two reasons: First, gravity never fails and second, this type of system has the fewest number of components to go wrong! Pressure switches, pressure tanks, air volume controls, & their inevitable need for replacement evaporate with this type of system because they are un-necessary. This type of system is the most energy efficient/green system available since the water is pumped once, pumped very efficiently (if sized properly) with no need for VFD's to gives almost perfectly constant pressure.*

It important to remember that storage tanks do not solve a water shortage, they only delay the consequences of a water supply shortage and peak demand needs. If your well or spring is not able to keep up with your demand, more storage tanks will never compensate for the need to clean the well, redevelop the spring or look for additional water supply. Storage tanks do not create water, they only hold what you have available!