

## **El Shaddai Water Background**

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**Our water system is owned by the home owners and because of its size it falls under all the regulation that a small city has to follow. Therefore we have a trained well operator that tests the water and sends it to the State Environmental Department to test. We have a well that pumps the water up to the top of the mountain to a 10,000 gallon tank, the water is then gravity feed down the mountain to the homes. We are lucky to live in a rain forest and don't have lawns, so the only watering necessary is hand watering our flowers. It is important to conserve any water that we can since it is a community well.**

**Because the water flow varies it is a good idea to have a water pressure value regulator set at about 40 to 60 pounds pressure going to your inside pipes. The water should always be turned off to your house in the winter and if you are not going to winterize your home leave the heat on; set at least at 55. Remember the pipes can still break especially if the electricity goes off. It is a good idea to turn off the water to the house the rest of the year also, so if you have a water break only the water in your pipes will flow through the house. Remember to also turn off your hot water heater.**

**Our system has about 3 miles of pipes so locating a leak takes a while, and then the time it takes to repair so you could be with out water for as much as a few days. This causes the water tank to empty and when it is fixed it flushes any sediment from the tank and pipes. It is advisable to keep water on hand for cooking and drinking. You will also need water to flush the toilets. Milk jugs to store the water for the toilet is easy and can be kept for long periods of time. The water kept in milk jugs for long periods of time should not be used for drinking or cooking unless treated. If the house has been empty for any time at all you should flush your pipes. It is best to use an outside faucet so that un-necessary water does not go to your septic tank. When you turn on your water there may be air in the pipes so you might get some cloudy or bubbles which will soon settle down.**