

# Water Quality

Well water quality can range from pure, soft, clear, right out of paradise to downright nasty, even toxic. If you have any reservations about your water quality you can contact your water well contractor to have it analyzed.

## Various Water Quality Conditions

### **Soft / Hard Water:**

Water that is soft will generally be the result of having little to no calcium or magnesium ions. The absence of these proponents in drinking water can be considered a two edge sword. Although it plays havoc with your water utilities it's also important to remember that the presence of calcium and magnesium are important factors in the metabolic process of mammals.

### **Hydrogen Sulfide ( rotten egg odor ):**

It's common for wells to have a measure of hydrogen sulfide in them. When levels become more concentrated you'll notice that "rotten egg" odor.

In some cases it's not the well producing the over annoyance of it but the hot water tank. When the culprit is the hot water tank you can usually remedy it.

Hydrogen sulfide in your water is more of a nuisance than a health threat and it can be dealt with if you so choose.

### **Salty Water:**

I service a 300 foot well that is 200 feet from the shores of Lake Superior and it has a salt content twice that of the Atlantic Ocean. Today's Reverse Osmosis systems can easily treat such water.

### **Bacteria:**

Every now and then a well has some bacteria introduced to it. Be it a result of a damaged well cap or a service event it can easily be treated. Wells that have a continuous bacteria entering from the water source can also be dealt with.

### **Water Conditioning:**

Whatever your water quality issues may be, those issues can most likely be dealt with. How you go about addressing your well quality issues is an important consideration. Here are some steps I would recommend when dealing with well-water quality issues:

1: Identify the problem. 2: Identify the source. 3: Identify the remedy.

4: Identify what portion of your water usage needs to be in on the remedy.

ex ( item 4 ): If your water quality issue is a small amount of sediments then your filtering remedy would not necessarily have to include your outside faucet.