

## **That rotten egg smell, what is it and what can I do about it?**

Having a rotten egg smell in your water can certainly turn you and your guests off and doesn't make for an appealing shower.

The smell comes from hydrogen sulfide gas. There are a couple different sources; if you only notice the smell in your hot water, it could be your water heater. Most water heaters have an Anode Rod, which is made of magnesium or aluminum. An electrolytic process begins when the tank is filled with water. The Anode Rod is designed as a sacrificial device that prevents damaging the tank and shortening the life of the water heater, but over time it can cause this smell. The solution is to replace the rod. Removing the rod is not recommended and could void your warranty and result in damage to your tank.



The second source and more difficult to fix and comes from the well water. Hydrogen Sulfide gas is in the ground water. The most common sources of this gas are decay of organic matter or chemical reactions with sulfur-containing minerals and rock.

The good news is we have water treatment systems to eliminate the problem. We work with a state licensed testing lab to configure two special resins together in a water softening system. The first resin treats the organic matter and the second treats the hydrogen sulfide gas. This system is more expensive but works great!

Give us a call or email us and we will be ready and willing to check out your water.