

## Why does my water smell like rotten eggs?

*The most likely reason that your water smells like rotten eggs because it contains Hydrogen Sulfide. Hydrogen Sulfide is a poisonous gas that can be harmful if it is released in an enclosed environment that humans regularly occupy. Hydrogen Sulfide is particularly dangerous because after the first sniff or two your sense of smell is desensitized and cannot readily identify there is an odor that danger present. Unfortunately, Hydrogen Sulfide is relatively common in well water, fortunately it can be readily removed by a few different methods:*

*1. Air Stripping. Bubbling air through water containing hydrogen sulfide will remove the hydrogen sulfide present over a period of time. Many times filling a storage tank by spraying the water to aerate it before it collects will remove most of the Hydrogen sulfide.*

*2. Ozone Stripping. Ozone (O<sub>3</sub>) can be mixed with water to remove hydrogen sulfide very rapidly.*

*3. Adding a polymer to convert the Hydrogen Sulfide to a form that can then be filtered out. This technique usually involves very expensive 'patented' polymers that are not always effective and are usually very expensive to install.*