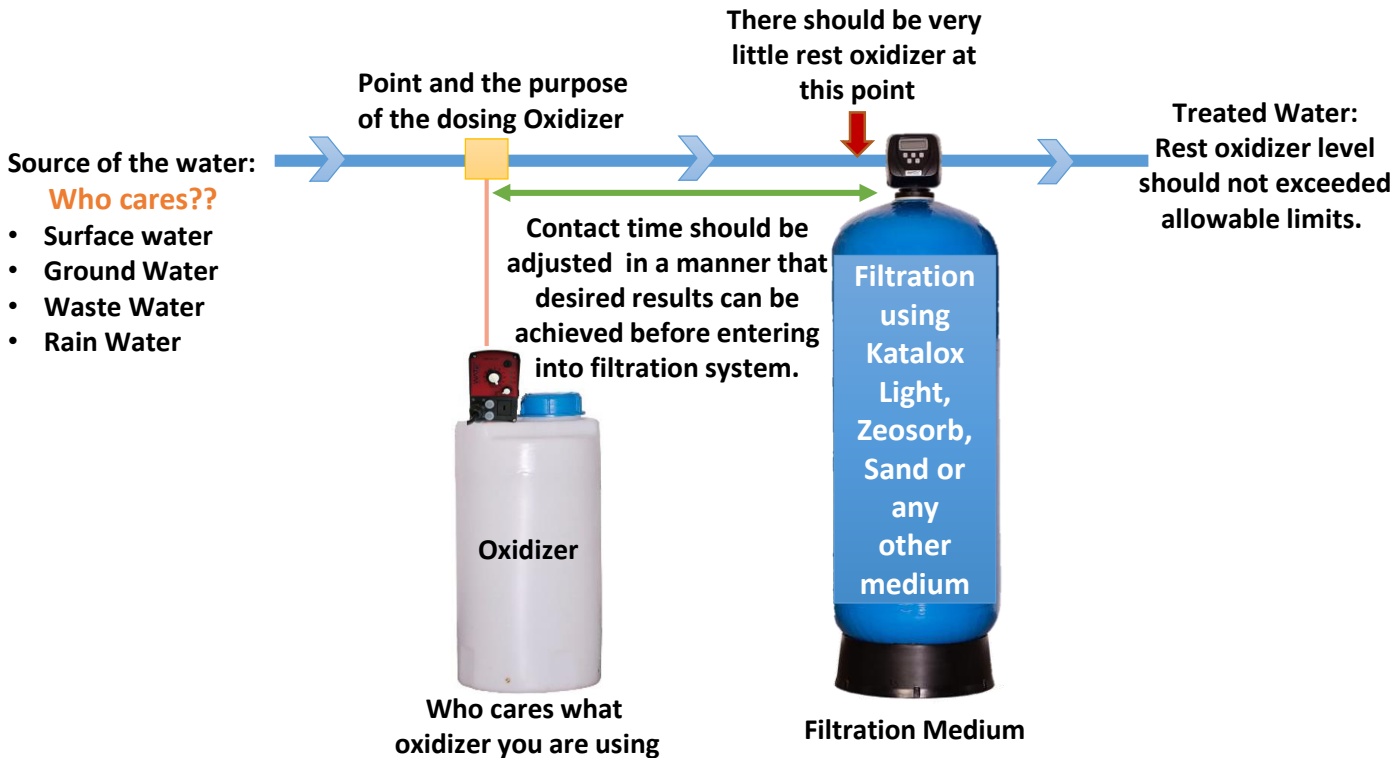


# OXIDATION AND CONTACT TIME

The number of Oxidizers have been used in water treatment industries for removal of COD, BOD, organics, gases and many other applications. Process of Oxidation depends on the oxidation potential and the contact time to oxidize the targeted contaminates properly.

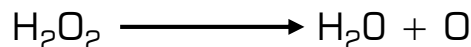
As many people get confuse while designing the system, below is some graphical representation and explanation on system designing while using any oxidizer prior to filtration.



## Why rest oxidizer should be minimum prior to filtration system?

Because many filtration medium can easily decompose the oxidizer, which is actually good for the treated water. But unnecessary dosing of oxidizer is only waste of oxidizer, energy and money.

For example, when you passed water with high hydrogen peroxide through Katalox Light, then Katalox Light will decompose it in form of H<sub>2</sub>O and O.



## Conclusion:

Contact time for oxidizer should be selected in such a way that desired result (oxidation) can be achieved prior to filtration, so that all the precipitation can be removed on the filtration media surface very effectively without losing oxidizer.

**For more information please visit us at**

**[www.watchwater.de](http://www.watchwater.de)**