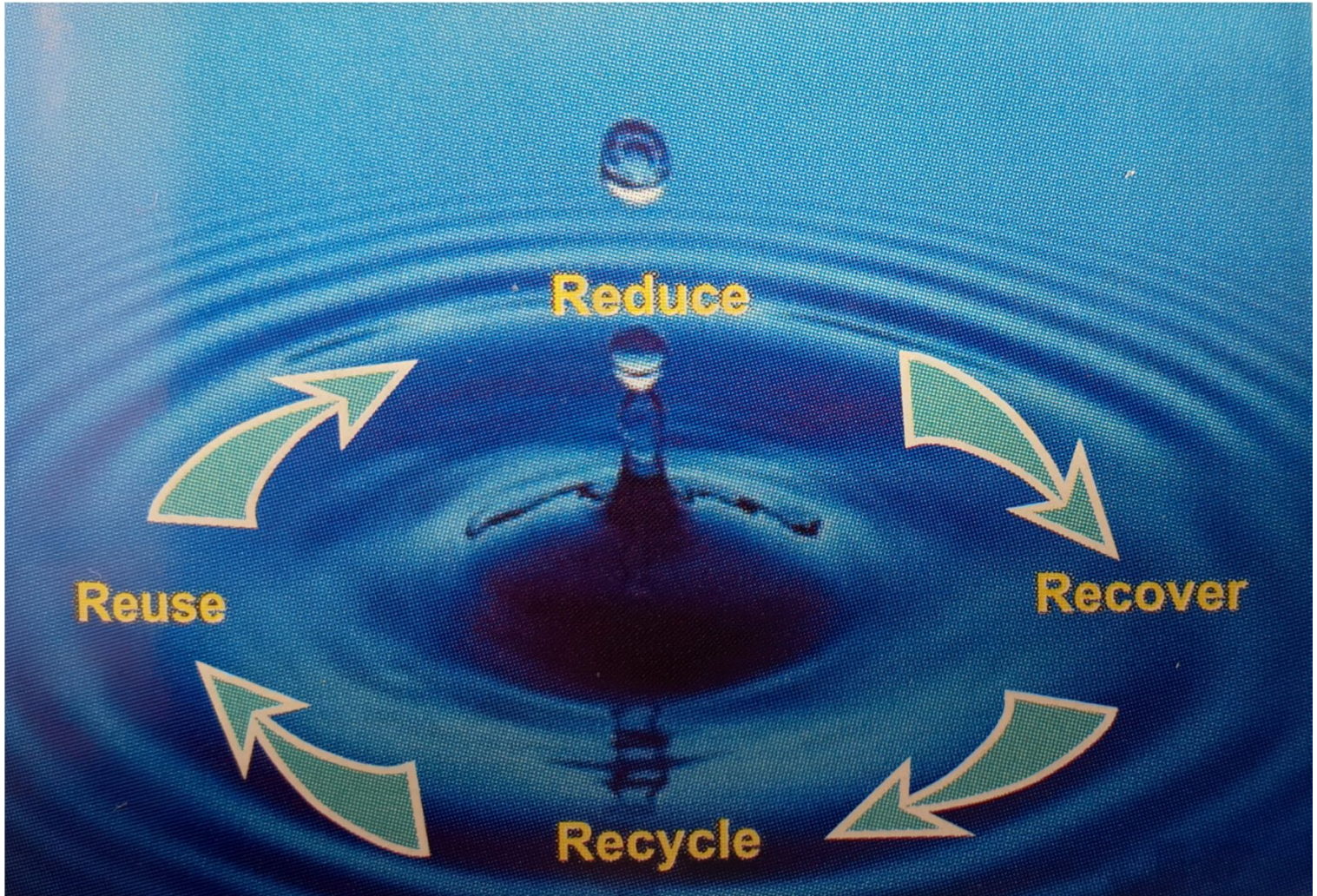


G2C

Batch Treatment Plant ETP/STP



ADVANCED OXIDATION TECHNOLOGY



Grey to Crystal

No. 48, 2nd Floor, 1st Cross, Neharunagar, Sheshadripuram,
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Grey to Crystal a Bengaluru based company pioneer in innovative and emerging technology, introduce **CrystaOxy** a liquid hydroxyl radical ($\cdot\text{OH}$) industry specific wastewater treatment solutions be it medical, domestic, industrial effluents by advanced oxidation technology.

CrystaOxy contribute to cleaner environment by offering state of art technology and system with turnkey solution in the field of wastewater and industrial effluents

CrystaOxy offers the entire spectrum of wastewater through advanced oxidation technology. Our mission is to provide our clients with the latest wastewater treatment technology and unique services at the best possible value and quality

We create $\cdot\text{OH}$ Radicals the most powerful method of oxidation. In the process it eliminates the toxins and even nano pollutants also. It oxidize organic, Inorganic, heavy metals and pathogens in wastewater.

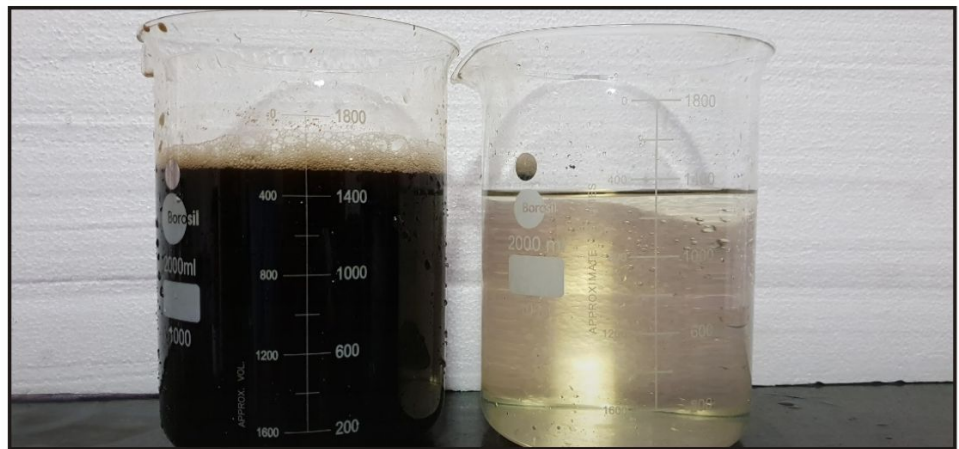
$\cdot\text{OH}$ Radicals are highly reactive, it reacts on bacteria pathogens and germs, it demolishes beyond reproduction level.

Our innovation **CrystaOxy** is complex formulation in liquid form works on pathogens, germs by a process known as **Cellular Lysis**. In the oxidant process **CrystaOxy** ruptures the cellular membrane of micro organisms and disperse the bacterial cytoplasm into solution, this making reactivation impossible, this process takes place in 2 to 3 seconds.

Advantages of our technology

- ★ Maximum reduction of BOD & COD
- ★ Increase in DO
- ★ Ph Optimization
- ★ Reduction in sludge
- ★ Odor removal
- ★ Oxidation of organic, inorganic, heavy metals
- ★ Arrest algae growth
- ★ Sustain release with rapid action
- ★ Recovery of the treated water is more than 93%
- ★ Single level treatment
- ★ Pre treated effluent fed RO System, it increases life of membrane
- ★ Reduces RO rejects
- ★ Existing plant can be modified to our technology

Raw Effluent and CrystaOxy treated



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