UltraWater™

www.ultrawater.co.in

PROFILE :

UltraWater is promoted by the Chemical Engineers who have expertise in Water and Wastewater treatment products and related services. It's an environmental engineering company providing solutions for institutional and industrial facilities.

UltraWater is equipped with water testing laboratory and fabrication facility. UltraWater's strength lies in its technical knowledge, on site expertise, quality products and dedicated services. Our philosophy regarding water treatment plants is based on good engineering practices, superior products and reliability of proven design performance.

UltraWater vision is always to save water, to protect water resources, enable recycling and reuse.

WATER TREATMENT:

Each source of water has unique set of contaminants. Water treatment is a process used to make water acceptable for a desired application. Objective of treating water is to minimize or remove the contaminants in the water. Water is used for heating, cooling, processing and cleaning. Water treatment optimizes the production costs and risks of plant shutdown.

Applications

- Process Water
- Boiler Water
- Cooling Water
- Drinking Water
- Purified Water
- Wastewater

Clarification

Filtration

Softening & Demineralization

Ultra Filtration

Reverse Osmosis

Electro Deionization

SEWAGE TREATMENT:

Technologies

- ASP
- MBBR
- SAFF
- SBR
- MBR

Sewage is generated by residential, institutional, and industrial establishments. It includes physical, chemical, and biological contaminants. Its objective is to produce an environmentally-safe water stream and solid waste suitable for disposal or reuse.

Handling and treatment of sewage involves three distinct phases; collection and removal of sewage from the immediate human proximity, suitable treatment and disposal or reuse of treated sewage. We design and supply conventional treatment to membrane based treatment plants.

EFFLUENT TREATMENT:

Technologies

- ASP
- MBBR
- UASBR
- MBR
- ZLD

Industries require water as raw material and for utilities purposes. Wastewater generated after the process consists of colour, suspended solids, dissolved solids and microorganisms. The effluent quality varies on industry type and process. Treatment and reuse is essential due to increased water scarcity.

There are numerous processes to treat wastewater depending on the type and extent of contamination. We design zero liquid discharge plants which help in maximum reuse of wastewater.