



**WASTE WATER RECOVERY - ZLD
GENERAL SCHEMES**



**50+ combined years
of experience for
textile waste water**

**Designed and
execute 3000 plants
worldwide**

**100+ textile waste
water recovery plants
executed**

OUR EXPERIENCE

The plants designed and implemented by WaterNext are **an excellent tool to achieve not only the goals of sustainability for the textile company but also the local government compliance standards** and the road map to zero discharge for the **ZDHC** program.



STRATEGIES FOR WW TREATMENT

- 100% Biological wastewater treatment plants
- MBR wastewater treatment and recovery plants
- Conventional wastewater treatment with micro and ultra filtration and recovery plants
- Up to 99% wastewater recovery through Reverse Osmosis
- Zero discharge
- Soda recovery from wastewater and its reuse in industrial processes
- CO₂ recovery from atmospheric discharge

WASTE WATER RECOVERY - ZLD - BIO MBR RO



SCREENING



EQUALISATION



OXIDATION



MBR



MULTI STAGE RO



RO PERMEATE IN DYE HOUSE



REJECT TO EVAPORATOR

WASTE WATER RECOVERY - ZLD - CONVENTIONAL



SCREENING



EQUALISATION



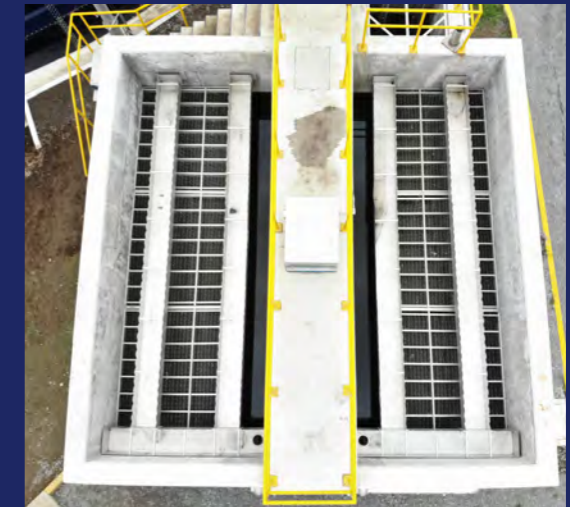
OXIDATION



ULTRA FILTRATION



MICRO FILTRATION



CLARIFIER



MULTI STAGE RO



REJECT TO EVAPORATOR



RO PERMEATE IN DYE HOUSE





ADVANTAGES

- **Very low** operating cost.
- **Very high** levels of purification of water.
- **Maximum reuse** of wastewater.
- **Low** sludge generation that too, **non toxic**.
- High Automation with least manpower.
- **ECO FRIENDLY SOLUTION.**

CONTACT

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