



Wastewater Treatment

Turnkey Solutions in Water Supply, Wastewater Treatment, and Water Reuse & Recovery

Zenviro Tech's wastewater treatment systems are focused on provide the best solution regardless the complexity of the water characteristics. We design tailored systems providing process water of any desired quality, to treat wastewater streams down to the desired discharge limits, or to recycle waste streams up to zero liquid discharge.

Our robust water supply design allows our customers to meet the quality within the production process or internal standard. These systems achieve high performance through a combination of technologies.

Zenviro Tech's efficient wastewater treatment systems remove pollutants such as heavy metals, greases, suspended solids, oils, high salt content, toxic compounds, dissolved organic compounds, phosphates and more.

Furthermore, Zenviro Tech has the right technologies to design a complete zero liquid discharge system to help our customers reduce their water footprint.

- **Trusted and Proven**

The process technology choices of the system will meet or exceed specific water quality and internal plant demands.

- **Technology Selection According to Local Conditions and Water Quality**

- **Adaptable to the Process or Type of Industry**

All equipment and components are design according to the available footprint and specific process.

- **Custom Automation**

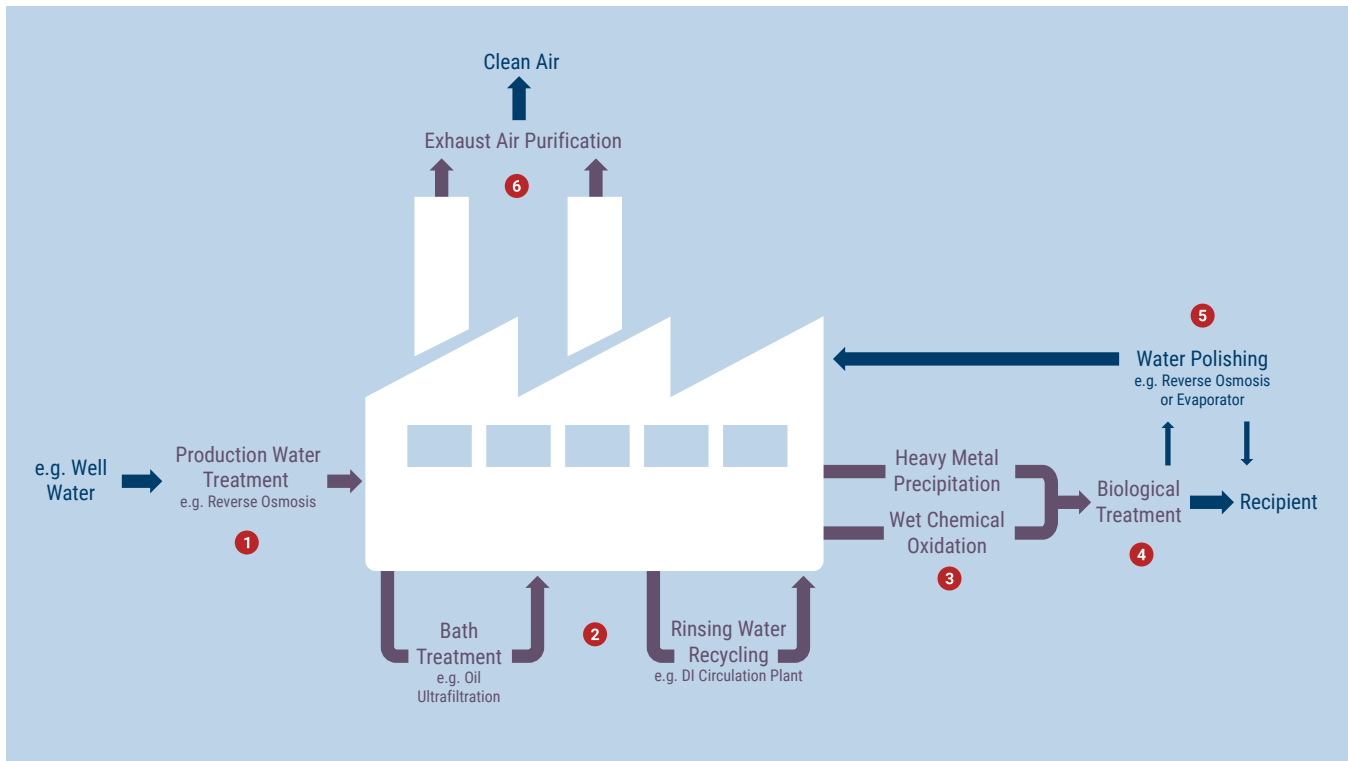
Fully or semi-automated controls that allow low operational costs

- **Low Operating Costs**

Low chemical & energy costs and a long life time.

- **24/7/365 Technical Response Service**

Emergency Line: +1 (888) 711-6660



Process Overview:

Water Solutions for the Industry

1. Production of process water meeting specific requirements. Depending on the raw water analysis and effluent limits, a treatment system is designed that involves coagulation & precipitation, filtration, reverse osmosis, and/or ion exchange.
2. Internal process treatment & reuse. Zenviro Tech develops a water balance according to industry processes to identify operations where focused treatment can be implemented for internal reuse and lower water consumption.
3. Primary wastewater treatment system designed to specific discharge limits using chemical-physical treatment (coagulation, flocculation and sedimentation), wet chemical oxidation for persistent and toxic organics and more.
4. Secondary wastewater treatment for strict limits or organics removal. Robust and easy to operate wastewater plants that guarantee that the discharged water from the plant will meet internal parameters or local regulations.
5. Zero liquid discharge (ZLD) systems that allow minimal wastewater discharge and reintroduce clean water to the plant.
6. Zenviro Tech exhaust air treatment solutions. Ask us for more information on how we can solve all your air, water, and waste challenges. **Clean Air - Clean Water - Zero Waste**



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