



Wastewater Treatment Plant

Water Bird provides engineered wastewater treatment solutions for commercial, industrial, hospitality, healthcare, infrastructure, and municipal applications across UAE, GCC, MENA, India, and international markets.

Why our Systems?



Safe wastewater treatment



Water reuse



Odour control



Environmental compliance



Reliable Long-Term Performance



36+ Years of Experience



Dubai Municipality Accredited Lab



ISO Certified

Sewage Treatment Plant

Sewage Treatment Plants (STP) treat domestic wastewater from residential buildings, hotels, labour accommodations, commercial developments and infrastructure facilities. STP systems convert sewage into treated water suitable for disposal or reuse.



Treated Sewage Effluent Polishing Plant

Treated Sewage Effluent Polishing Plant (TSE) polishing plants further treat treated sewage effluent for improved reuse quality, reducing suspended solids, turbidity, colour, odour, organics, microorganisms and dissolved impurities.



Effluent Treatment Plant

We design tailored Effluent Treatment Plants (ETP) for factories, chemical processors, metal finishers, and commercial operations. Our systems target your specific wastewater profile to effectively remove COD, BOD, TSS, oil, grease, heavy metals, and chemical contaminants.



Grey Water Recycling Systems

Grey water recycling systems treat wastewater collected from showers, wash basins, hand wash areas and selected non-toilet sources.

Grey water can be treated for reuse in flushing, irrigation and other non-potable applications, depending on project requirements and local regulations.



Vehicle Wash Water Recycling Plant

Vehicle wash water recycling plants treat wastewater from car wash bays, bus wash facilities, truck wash areas, equipment wash stations and industrial wash zones to help reduce discharge volume and freshwater consumption.



Sludge Dewatering Systems

Sludge dewatering systems reduce the water content of sludge generated from STP, ETP and wastewater treatment processes. Dewatering helps reduce sludge volume, improve handling, reduce disposal cost and support cleaner plant operation.



Customized Recycling Plant

When standard equipments are insufficient, Water Bird engineers customized recycling plants tailored to your specific wastewater profile, reuse targets, space, budget, and compliance needs.

We deliver bespoke wastewater treatment for commercial, industrial, infrastructure, utility, and specialized applications.



Sewage Lifting Station & Odour Control Unit

Sewage lifting stations pump wastewater from lower to higher elevations or toward treatment and collection networks.

Odour control units neutralize foul gases, like hydrogen sulphide, produced in these wet wells, pumping stations, and treatment areas.

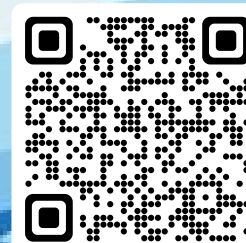


Neutralization System

Neutralization systems adjust acidic or alkaline wastewater for safe discharge, reuse, or treatment. Ideal for labs, manufacturing, boilers, and chemical plants, Water Bird custom-builds complete systems with tanks, mixers, dosing pumps, pH sensors, and control panels.



Scan QR code for more details



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