

Dayal Construction Company

A JV technology driven emerging company in the field of Construction, and Water & Wastewater Treatment. The Promoters have a combined industrial experience of more than 50 years in Construction, Water & Waste Water treatment in Fertilizer, Power, Electronics, Steel, Textile, Chemicals, Dye stuff & Bulk drugs. The Company provides total solution for complex water & wastewater problems, and has created a niche for itself.

We strive to provide complete Customer satisfaction through, our high quality oriented products, zero defect products, timely delivery, continuous innovation, and excellent after sales service.



- We have the distinction of disinfecting pharmaceutical process water in accordance with USP-23 Standards, IBWA (International Bottled Water Association) Standards & Bureau of Indian Standards for bottled water. We are well versed with application of Ozonation for cooling tower resulting in waste minimization and saving on the costs of chemicals required for upkeep of cooling towers, colour & odour problems encountered in the process industries.
- The company's technical expertise has the capability to cater to the requirements of both the industrial as well as domestic water treatment needs from concept to commissioning.

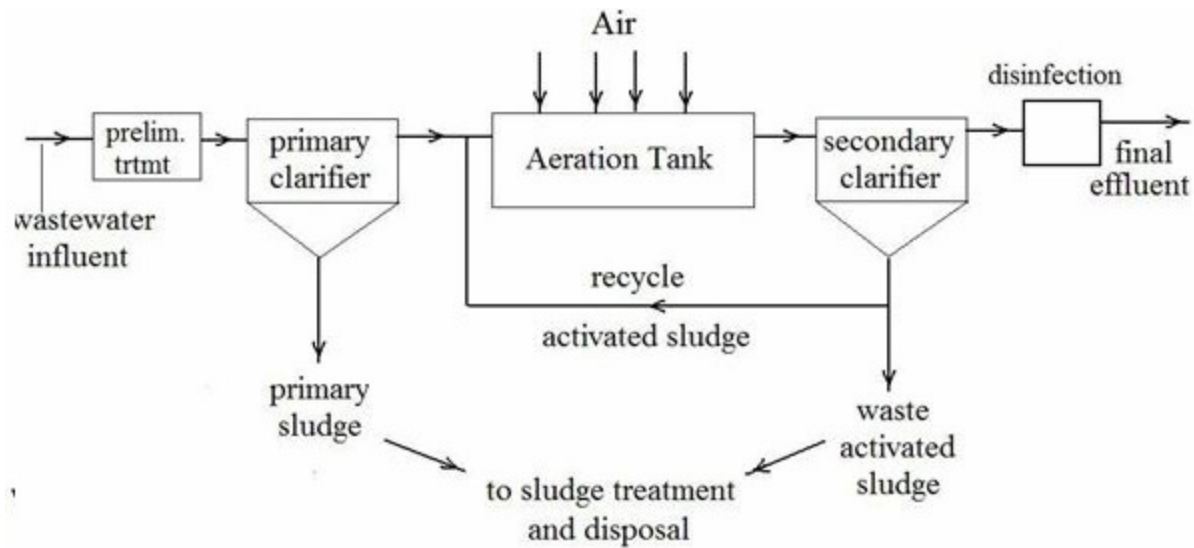
OUR VISION

We are focused to work with the right attitude, dedication and sincerity and deliver high end solutions in the field of Water & Wastewater Nationally & Internationally.

A Typical R O Plant



Typical Waste Water Treatment flow Diagram



OUR PRODUCTS

- Magnetic Fluid Conditioners
- UV Sterilizers, & Ozone Disinfection Systems
- Ultra Filtration, Reverse Osmosis & EDI Plants for Industrial Process & Power Plant Applications
- DM & Mixed Bed Plants for Industrial Process & Power Plant Applications
- Sewage & Effluent Treatment Plants, Wastewater Recycle for Non-Process & Process Applications
- Packaged Sand Filter, Carbon Filter Pretreatment for RO Plants.
- Swimming Pool Ozone Disinfection & pH balancing systems.
- Brackish & Sea Water Reverse Osmosis Systems.
- Buster - Magnetic Fluid Conditioners for Chemical Free Cooling Tower / Heat Exchanger Scale Prevention.
- Ozone Generator.
- Engineered Ozone Contact System.
- Online Ozone monitoring.
- Ozone Destruct Units.
- Dissolved Air Flotation Systems for TSS (Total Suspended Solids), free Oil removal in STP's / ETP's.
- Sewage Treatment Systems Based on Root Zone Treatment, MBBR (Moving Bed Bio Reactor) & MBR (Membrane Bio Reactor Using Teflon Membranes).
- Effluent Treatment Plants for water reuse to process.
- Energy Efficient & Low Maintenance Advanced Jet Aeration for replacing diffused aeration & surface aeration systems in STP & ETP Plants.

NEW DIRECTIONS AND CONCERNS

A worldwide trend toward acceptance of the concept of reuse is currently observable, as water shortages have intensified. This has led to an increase in the use of dual water systems and satellite reclamation systems.

At the same time, however, potential microbial and chemical water contamination, especially from new trace contaminants, has become a growing source of concern, and consequently direct potable reuse of reclaimed water is likely to remain impracticable. In response to these increasing concerns, new technologies offering significantly higher removal rates are being designed and implemented.

• RECOMENDATIONS

- Effective waste-water collection and treatment are of great importance from the standpoint of both Environmental and Public Health.
- Extensive research activity in this field has led to significant improvement and diversification in the processes and methods used for waste-water treatment and sludge management.

• INNOVATIONS IMPLEMENTED

Advanced Jet Aeration – A process for aeration of wastewater capable of generating micro fine bubbles resulting in up to 60% saving of power utilized in the aeration basin

INNOVATIONS IN PIPELINE

Advanced Oxidation – A process for hard COD cracking of difficult to treat wastewater making it suitable for further biodegradation.

High Efficiency Lake & Water Bodies Aeration Systems.

It will be our pleasure to interact with you & discuss solutions suitable to your exact needs in Water & Wastewater Treatment.

Finally to add M/s Dayal Construction Company is an EPC company with services like detailed Engineering Design, and Engineering packages for Construction, R O Plants, Water and Waste Water Treatment Plants, Incineration, Water Recycling, Water Supply and Sewerage Treatment Plants and Distribution Systems.

Save Water – Save Earth-in your hands

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