

PARAMOUNT



Sustainable Water Solutions

Water & WasteWater Technologies



Paramount Corporate Office



World-class performance

Driven by the ever-increasing production, regulatory and socio-economic demands, industry has fully embarked the concept of industrial water management and sustainable water treatment solutions. While ensuring reliable and flexible operation, a healthy balance between total costs of operation, produced water quality and environmental impact is targeted. In order to achieve the right balance and assist in world-class industrial performance, an industrial water partner should bring ample experience and reliable best-of-class technologies into the field. This definitely calls for a top of the world expertise and performance level as offered by Paramount Water & Wastewater Technologies.

About Us

PARAMOUNT LIMITED is a multi-disciplinary EPC & Manufacturing company which has the capability and professional skills to provide most advanced and cost effective solutions for the process and environmental needs.

With a 250+ Staff of committed water & environment experts Paramount brings into focus the combined experience and know how of more than hundreds international projects executed over more than 40 years.

Through a continued emphasis on Research and Development, the Company has made significant pioneering contributions in developing various processes which have been implemented commercially.

Social Commitment

Paramount Ltd. has established a charitable trust, which works towards the welfare of the society and promotes various activities with the co-operation of doctors and voluntary organizations.

Fields of expertise

Traditionally we are strongly involved in all industries where water is an important resource, utility or by-product. Covering the field of water related aspects, from raw water intake, to make-up, distribution, wastewater treatment and water recycling, the hands-on experience makes us understand your needs and unspoken desires.

Technologies Offered



Water Treatment

- Water Source Development, Transmission & Distribution
- Raw Water Treatment
- Water Softening, De-mineralization & Condensate Polishing
- De-Salination
- Cooling Water Treatment

Waste Water Treatment

- Industrial Waste Water Treatment
- Sewage Treatment
- Wet Air Oxidation
- Bio Remedation
- VOC Control Systems

Membrane Technology

- Recycle & Reuse System by Membrane Technology
- Reverse Osmosis / N.F. / U.F. / Micro Filtration Systems
- Solvent Dehydration by pervaporation
- Chemical Dewatering for R.O. Reject



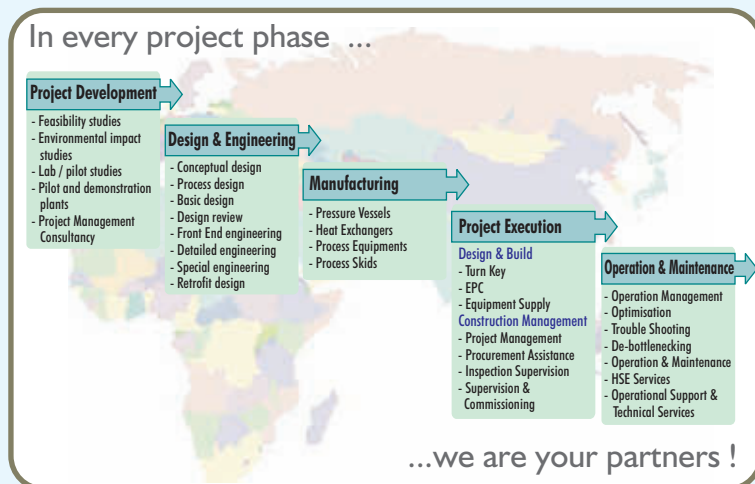
Emission Control Systems

- Gas Scrubbing Systems
- Flue Gas Desulphurization (FGD)/Double Alkali Process
- Hazardous Waste Incineration

Scope of Services

Our services cover the whole field from consultancy & engineering to turnkey project implementation as well as equipment delivery. If desired we will be also delighted to take care of your operation and maintenance.

Whether you choose total turnkey implementation, or any other combination from our service pallet, professional project implementation is ensured by our commitment and experience.

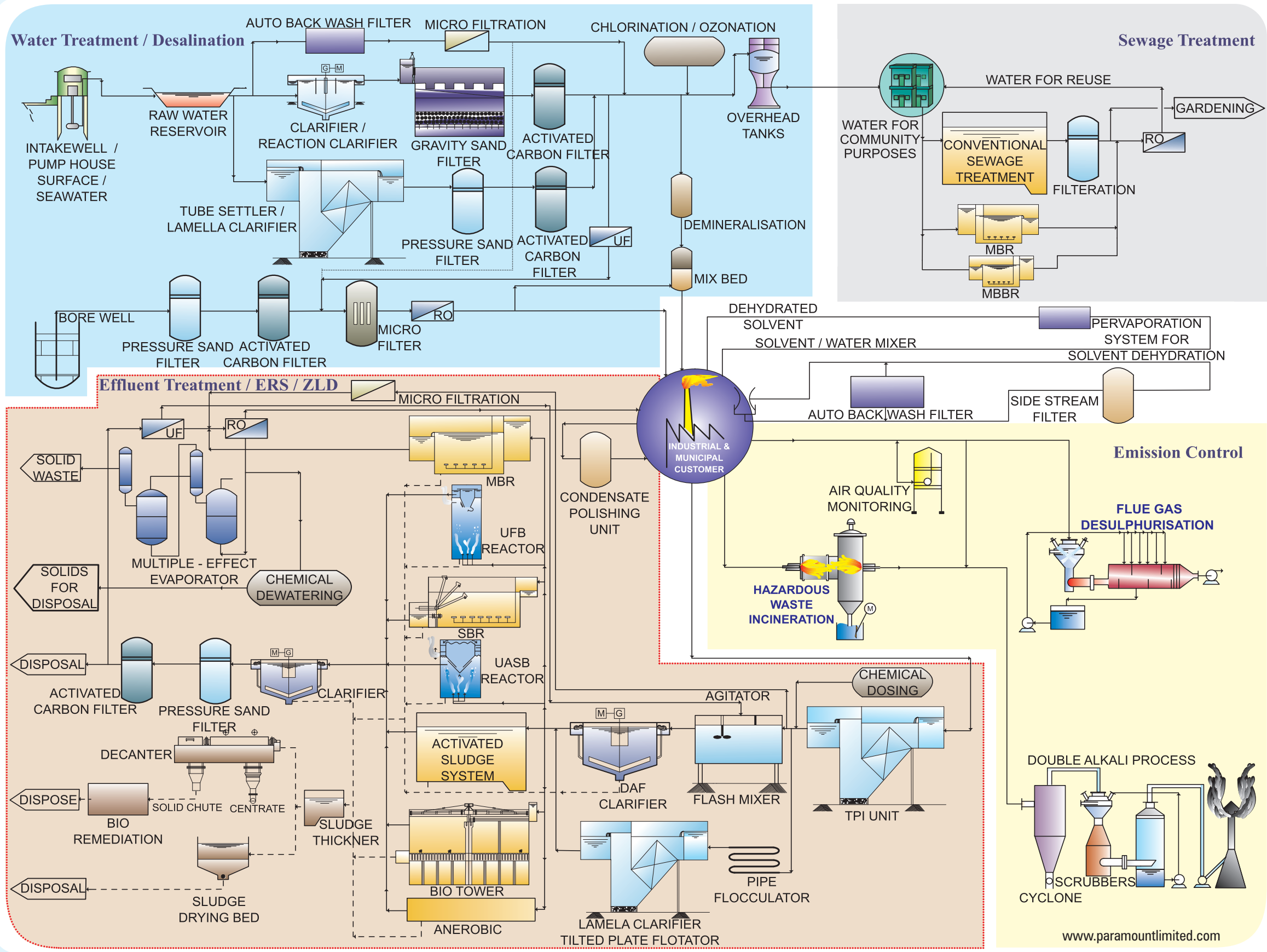


Combined experience of innumerable projects executed for various industries like

- oil & gas
- refinery
- petrochemicals
- metal & mining
- micro-electronic & semiconductor
- tanneries

- textile & dye manufacturing
- basic chemicals
- fine chemicals
- power generation
- food & beverage
- starch manufacturing

- off-shore operations
- pulp and paper
- fertilizer
- pharmaceutical
- municipalities & communities
- and many more



Research & Development



Lab Scale UASB Reactor



Advanced Instrument Lab

- Process development
- Pilot plant studies
- Plant scale-up
- Water / Chemical / Microbiological analysis
- Treatability studies
- Plant modification and start-up
- Environmental audit
- Ambient air quality / Stack monitoring
- Particle size distribution studies

Front End Engineering Design

Process Engineering Services

- Pre-design Phase
 - Feasibility Studies & Cost Estimation
- Detailed Design Phase
 - Process Design
 - Process Equipment Engineering
 - P&ID Development
 - Complete FEED Package Development
- Operational Phase
 - Utilities / Energy Optimization & Integration
 - Plant Debottlenecking /Improvement Services



Detailed Engineering Services



- Civil / Structural Engineering
- Mechanical / Piping Engineering
- Electrical Engineering
- Instrumentation Engineering
- Control Engineering
- Operation and Maintenance Manual

Manufacturing



- Pressure Vessels
- Heat Exchangers
- Process Equipments
- Process Skids

Construction & Project Management



- Complete Turnkey Execution Comprising of
 - Civil
 - Mechanical / Piping
 - Electrical
 - Instrumentation & Control
- Startup & Commissioning



Water & Waste Water Treatment Equipments & Systems



- Mechanical Screen
- Grit Separator
- Mixer
- Aerator
- Clarifiers / Reaction Clarifier
- Clariflocculator
- Trickling Filter Distributor
- Plastic Media for Bio Tower
- Sequencing Batch Reactor (SBR)
- Membrane Bio Reactor (MBR)
- Advanced Water Oil Separator
- API Oil Separator
- Tilted Plate Interceptor
- Tilted Plate Settler
- Air/ Gas Flotation Unit
- Lime Slaker Classifier
- Pressure Sand / Activated Carbon Filter
- Side Stream Filter
- Packaged Sewage Treatment Plant
- Coiled Pipe Flocculator
- Ultra Filtration Systems
- Reverse Osmosis Systems
- Micro Filtration Systems
- Nano Filtration Systems
- Water Softener & D. M. Plant
- Multi Effect Evaporator



PARAMOUNT LIMITED

(Formerly Paramount Pollution Control Limited)
(An ISO 9001 Company)

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