

# Projects

A wide spectrum of Environmental Projects and Products in Water, Wastewater and Solid Waste Management.

## Projects / Products

- › Water & Wastewater Treatment Plants
- › Skid mounted and modular Plants
- › Solid Waste Management and Biogas Plants

## Components

### • Fluid Transfer Equipment

- › Pumps
- › Air Blowers
- › Dosing pumps
- › Aeration Systems

### • Chemicals • Speciality Chemicals

### • Engineered Plastics

- › MBBR Media
- › HAF Media
- › Tubesettler Media

### • RO & UF • Filtration Media

- › Sand & Pebbles
- › Activated Carbon
- › Iron Removal Media
- › DM & IEx Resins

### • Control & Switchgear • Instrumentation

- › Pressure, Flow, Temperature & Level
- › pH, TDS, ORP
- › DO Monitoring
- › Real time Plant Monitoring



# Our Expertise

With hundreds of installations in the Water and Wastewater sector with varying complexities and challenges, we have grown by leaps and bounds into a leading player in our part of the globe. With State of the Art technology and optimized operations, our plants offer excellent results and cost competitive operation.

## Water Treatment

- › Media Filtration
- › Membrane Technology
- › Ultrafiltration
- › Nanofiltration
- › Reverse Osmosis
- › Demineralization & Ion Exchange
- › Disinfection
- › Ultraviolet Sterilization
- › Chlorination
- › Ozonation
- › Other Disinfection Systems
- › Agricultural Water Treatment

## Sewage & Effluent Treatment

- › Membrane Bioreactor (MBR)
- › Moving Bed Bioreactor (MBBR)
- › Sequential Batch Reactor (SBR)
- › Submerged Aerobic Fixed Film Reactor (SAFF)
- › Anaerobic Bioreactors
- › An-MBR / An-UF
- › Electrocoagulation
- › Zero Liquid Discharge Systems (ZLD)
- › Advanced Oxidation Processes
- › Oil and Grease Removal
- › Sludge Dewatering and Management
- › Dissolved Air Flotation

## Water Management

- › Agricultural Water Management
- › Aquaculture
- › Rainwater Harvesting
- › Pond and Lake Bioremediation

## Solid Waste Management

- › Biogas Plants
- › Sludge Reuse in Agriculture
- › High Rate Composting
- › Waste to Energy

# Services

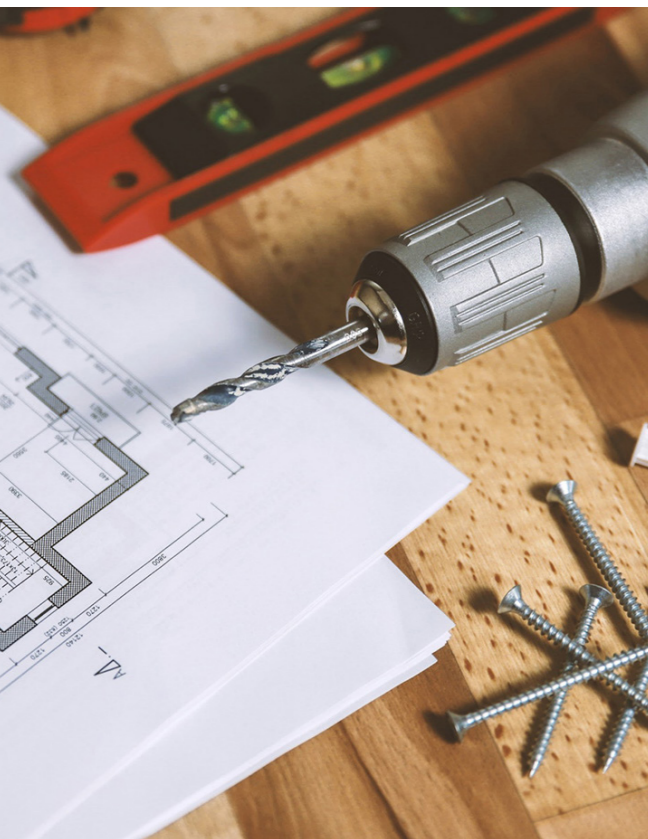
At Aquatechnics, we assure our clients of the best in class Engineering and Maintenance Services, meeting or exceeding the customer's expectations every single time.

## Engineering Consultancy

- › Environmental Consulting
- › Conceptual and FEED Engineering
- › Water & Environmental Auditing
- › Liaising for Statutory Approvals

## Maintenance, Repairs & Retrofitting

- › Inspection & Troubleshooting
- › Operation & Maintenance Contracts
- › Annual Maintenance Contracts
- › Rate Contracts for Consumables & Chemicals
- › Equipment Maintenance, Repairs & Replacements
- › Replacement of Membranes & Filter Media
- › Instrument Calibration & Checking
- › Water Analysis & Reporting
- › Training to Staff & Operators
- › Community Training
- › Manuals & Operating Logs Development



# Sectors we serve

- Domestic & Commercial
- Municipal Water & Sewerage
- Hospitals
- Apartments
- Malls and Commercial Complexes
- Religious Centers
- Educational Institutions
- Bus Terminals
- Auditoriums & Cinema Halls
- Stadiums
- Fish & Vegetable Markets
- Community Housing Colonies
- Farms & Agriculture
- Aquaculture
- Agricultural Water Treatment
- Industrial Water & Wastewater Treatment
  - › Food Technology
  - › FMCG
  - › Iron & Steel
  - › Printing & Dyeing
  - › Textiles
  - › Pharmaceuticals
  - › Chemicals & Agrochemicals
  - › Laundry
  - › Automobile Wash Water Treatment & Reuse