



**ARYA WATER**  
TECHNOLOGIES



**Solutions for the New World**



J M BAXI GROUP

## PRE-TREATMENT



We offer pre-treatment for all types of feed sources - Surface Water, Bore Well Water, Sea Water and Waste water.

### Clarification

- HRSCC (High Rated Solids Contact Clarifier)
- Clarifloculators
- Tube Settler/Lamella Clarifiers

### Filtration

- Activated Carbon Filter
- Fluoride Removal Filter
- Iron Removal Filter
- Dual Media/ Sand Filter

## ION EXCHANGE



- Softeners
- Demineralization Plants
- Condensate Polishing Units
- Mixed Bed Plants

## MEMBRANE PROCESSES



We provide a comprehensive range of membrane separation.

- Micro Filtration (MF)
- Ultra Filtration (UF)
- Nano Filtration (NF)
- Reverse Osmosis (RO)
- Membrane Bio Reactors (MBR)
- RO Plant for Kidney Dialysis

## ABOUT US

Arya Water Technologies (AWT) is a part of the century-old illustrious J M BAXI GROUP. The J M BAXI GROUP is one of the largest professionally managed Shipping & Maritime logistics support providers in India, catering to clients across 55 countries worldwide.

Water resources are coming under immense pressure due to the all-round economic growth, global warming, urbanization and incessant water pollution levels globally. Lack of proper water treatment and management systems only accentuate the catastrophic effect on the entire civilization. The problem is expected to become even more severe in times to come.

Comprehending the various requirements of our customers, Arya Water Technologies has initiated its foray with top-of-the-line water and wastewater treatment solutions. Partnering with leading domestic and international players in the field, we offer a complete basket of conventional and next generation technology-based offerings to address the spectrum of turnkey water treatment solutions across diverse segments.

## OUR STRENGTHS

- 360° Solutions - Conventional to Next-Generation
- State of the Art manufacturing facilities with principals
- Integration with existing legacy systems & trouble shooting
- Extensive domain interdisciplinary knowledge
- Well qualified team of experienced professionals
- Advanced, cost-effective and reliable solutions
- Nationwide Presence
- Service support 24X7

## OUR SHARED VALUES

- Commitment to Excellence
- Pro Client Approach
- Highest standards of integrity
- Innovation and Learning



## DESALINATION



We offer both membrane and thermal-based desalination systems manufactured using high-quality raw materials.

- Thermal Desalination
- Reverse Osmosis
- Electro-Dialysis

## EFFLUENT & SEWAGE TREATMENT



We offer a complete range of Effluent & Sewage Treatment Plants based on:

- Moving Bed Bio Reactor (MBBR)
- Sequence Batch Reactor (SBR)
- Membrane Bio Reactor (MBR)
- Submerged Aerobic Fixed Film (SAFF)
- Digesters (Aerobic/Anaerobic)
- Upstream Anaerobic Sludge Blanket (UASB)
- Extended Aeration (EA)
- Advanced Oxidation Reactors

## ZERO LIQUID DISCHARGE/RECYCLE/REUSE



To comply with stringent regulatory discharge requirements and for optimal use of resources we offer state-of-the-art systems based on either membrane process, evaporative process or a hybrid. The systems based on hybrid approach have low life-cycle costs in comparison to existing technologies.



## ENSEP BIOSENTINEL

The ENSEP BioSentinel System is a low energy membrane bio-reactor based wastewater treatment system. It is an integrated treatment system combining biological treatment with filtration and disinfection processes.

Designed for remote locations, it has a small footprint, consumes minimal power, requires very little maintenance and can be remotely monitored. The treated water that is suited for non-potable use, irrigation and safe discharge into the environment



## FLOATING FINE BUBBLE AERATORS

Floating Fine Bubble Aerators are custom-made and suitable for either upgrading existing Waste Water Treatment Plants (WWTPs) or introducing additional oxygen to current systems.

The modular units are easy to add or remove and can be installed and maintained while the plant is still functioning. Without moving parts, these units can reduce a plant's energy consumption by 50 – 70% vis-a-vis mechanical surface aerators.



## TRENCHLESS AUTOMATED LEAKAGE REPAIR (TALR)

The TALR system is designed to repair multiple leaks in a water distribution network without the need to dig and identify them.

It is ideally suited where there are high-levels of water loss due to ageing infrastructure and can be used for pipes ranging from 50 mm to 200 mm alongside 'find-and-fix' repair methods.



## ARYA WATER TECHNOLOGIES

*(A division of Arya Communications)*



J M BAXI GROUP

### Corporate Office

Arya Water Technologies, Godrej Coliseum, 1001-A-Wing Everard Nagar Sion (E), Mumbai 400 022. (India)

T: +91 22 61538100, +91 71986691 | E: [info@aryawater.com](mailto:info@aryawater.com) | W: [www.aryawater.com](http://www.aryawater.com)

**AWT Tollfree no: 1800221953**

### Branch Offices

#### CHENNAI

Chennai House (Essar)  
No 6, 3rd Floor, Esplanade  
Chennai – 600 108.  
T: +91-44-30252626  
F: +91-44-30252322

#### NOIDA

Plot No : A-8, Sector 136,  
Noida - 201305  
Uttar Pradesh, India  
T: +91-120-2553100  
F: +91-120-2553101

#### KOLKATA

No.2007, Block GA-1  
Rajdanga Main Road  
Narkel Bagan  
Kolkata - 700 107  
T: +91-90-38087101-8  
F: +91-33-24420333

#### HYDERABAD

Door No.3-47-7, Plot No.7  
Sripuri Colony, Karkhana  
Secunderabad - 500 015  
(Telangana)  
T: +91-40- 42521234 -44  
F: +91-40-27760735