

A dynamic splash of water in shades of blue and white, with bubbles and droplets, arching across the top and left side of the page.

**SAVE FOR THE  
NEXT**

The logo for RWT India Private Limited. It features the lowercase letters 'rwt' in a stylized, rounded font. The 'r' is green, the 'w' is blue, and the 't' is green. To the right of this, the words 'RWT India' are written in a green sans-serif font, with 'Private Limited' in a smaller, lighter green sans-serif font below it.

**rwt** RWT India  
Private Limited

# RWT India Pvt. Ltd.

WATER & WASTE WATER  
SOLUTION COMPANY



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# WATER PLANET

## PERFECT WASTE WATER SOLUTION



- Environmental pollution is one of the biggest challenges facing the world today, and companies that specialize in designing and building efficient and effective Effluent Treatment Plants (ETPs), Sewage Treatment Plants (STPs) and Zero Liquid Discharge (ZLD) play a critical role in mitigating this problem.
- Wastewater treatment is an essential process for maintaining a clean and healthy environment, and the companies that manufacture these treatment plants play a crucial role in ensuring that our waterways remain safe and free from pollution.
- RWT offer quality designed and manufactured water treatment plants in Gujarat, India by using superior quality material and contemporary tools in compliance with fixed industry norms.
- Our wastewater treatment plants are widely demanded in number of industries for industrial and agriculture purpose. To make water treatment plants in congruity with universal standard, we have set up a modern base structure that is isolated into diverse functional units.
- Our foundation offices comprise of assembling, quality testing, warehousing, packaging, and so forth.
- Population will have scarcity of pure water. Toward a way to improve the situation, RWT India Pvt. Ltd. has serve water & wastewater treatment plants for Treat, Purify sanitation and safe disposal of water





# WATER CONSERVATION

BECAUSE, WE'RE HERE TO HELP YOU



## Vision

- Being responsible citizens, it is our duty to leave a clean and healthy environment in the legacy for the forthcoming generations. RWT contributes humbly for the bigger goal by defining the vision of becoming the most responsible company offering feasible, affordable and effective water treatment products and services that bring tangible benefits to the clients. We want to become the torchbearer of creating awareness of the three R's (Reduce, Reuse, and Recycle). Our efforts are to improve the basic hygiene and sanitation along with conservation of water bodies by the disposal of treated water.



## Mission

- Our mission is to provide high-quality, innovative, and sustainable solutions for our clients' wastewater treatment needs. We believe that everyone has the right to clean water, and it is our responsibility to help protect and preserve our natural resources.
- We strive to design and build wastewater treatment plants that are not only efficient and cost-effective but also environmentally friendly. Our team of experts is dedicated to finding innovative solutions that minimize the impact on the environment and ensure the health and safety of our communities.
- We are committed to providing our clients with exceptional customer service and support, from the initial consultation through installation and ongoing maintenance. We believe in building long-term relationships with our clients, based on trust, reliability, and mutual respect.
- Team RWT is committed to providing world-class services using state-of-the-art tools and infrastructure. We want to be the most-preferred service provider of economical, customized and unique products that stand apart in the competitive marketplace



# BUISNESS VERTICALS



## PROJECTS & EPC

- Water Treatment
- Industrial Effluent Treatment
- Sewage Treatment
- Desalination
- High-Purity Water Treatment
- De-Mineralization
- Drinking Water System
- Water Recycling & Zero Liquid Discharge

## SPARES, CHEMICAL & COMPONENTS

- Membrane - UF/NF/RO/MBR
- Pressure Tubes
- Dosing System & Pumps
- High Pressure Pump
- Filter Press
- Ozonators
- FRP Vessels
- Micron Cartridge Filter - Spun & Wound
- Antiscalants & Membrane Cleaning Chemical
- Colour Removal Chemical , Coagulants & Flocculants. ION Exchange Chemicals.

## SERVICES

- Operations & Maintenance Retrofitting
- Water Audits
- Water Testing
- Training & Skill Development

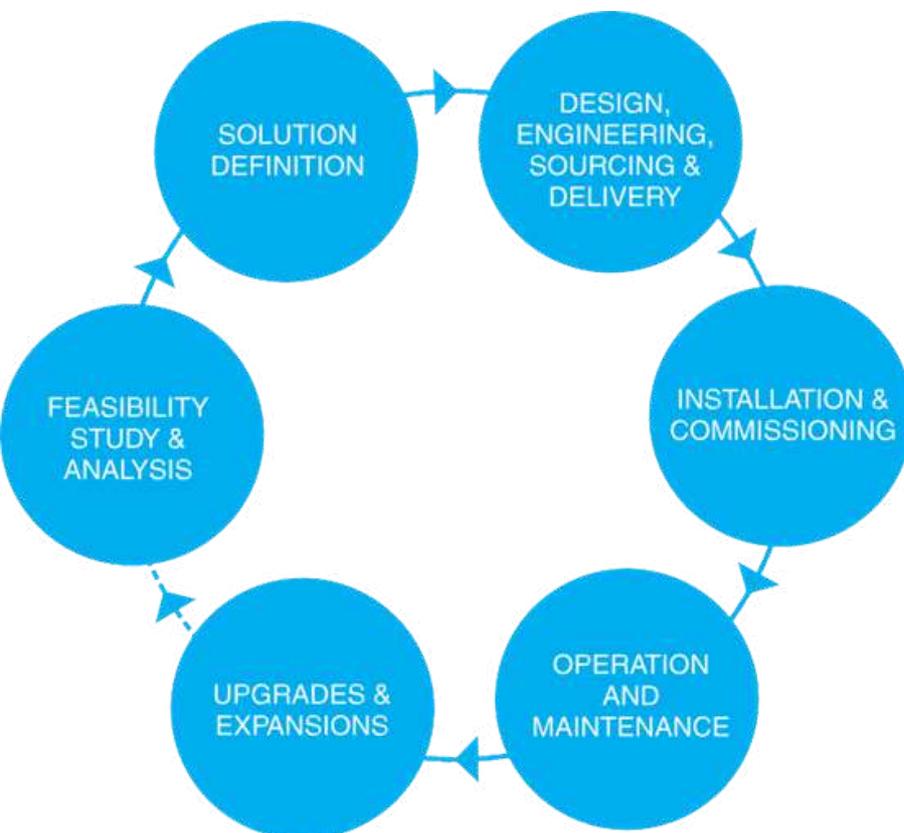
## ADVANTAGES OF RWT INDIA PVT. LTD.

- End-to-end offerings across the entire water chain including projects, spares & services
- Single window for the best globally available technologies across the entire water treatment spectrum. An extensive technology portfolio along with in-house R&D center
- Proven process know-how & experience
- Multinational experience , which ensures an understanding of different local needs



# PROJECTS/EPC

PERFECT SOLUTION PROVIDER



## OUT COME OF OUR WORK

### Customers

- Clean, Efficient operation & high return on investment

### SUPPLIERS

- We build partnership withour suppliers on along term basis

### SOCIETY

- Improved resource efficiency, clean environment Etc..

### ENVIRONMENT

- Technology with low impact



# WASTE WATER TREATMENT SYSTEM

WATER TREATMENT EXPERTS.



## PRIMARY TREATMENT SYSTEM



- Clarifiers ,Clari-flocculators
- Tube Settlers
- Dissolved Air Flotation
- HRSCC
- Chemical Dosing System
- Pipe Flocculators

## SECONDARY TREATMENT SYSTEM



- Activated Sludge Process (ASP)
- Extended Aeration System (EAS)
- Up-flow anaerobic sludge blanket reactor (UASBR)
- Sequential Batch Reactor (SBR)
- Moving Bed Bio-Reactor (MBBR)
- Membrane Bio-Reactor (MBR)

## FILTRATION SYSTEM



- Sand Filters
- Activated Carbon Filters
- Side Stream Filters
- Nano-Filters
- Micron Cartridge Filter
- Ultra Filtration Unit



# WASTE WATER TREATMENT SYSTEM

WATER TRATMENT EXPERTS.



## ADVANCE OXIDATION SYSTEM

- Ozonation
- Oxidation System



## SECONDARY TREATMENT SYSTEM

- Reverse Osmosis System
- Forward Osmosis System



## EVAPORATION SYSTEM

- Mechanical Vapor Recompression (MVR)
- Multi Effect Evaporator (MEE)
- Agitated Thin film Dryer (ATFD)



# Industrial Waste Water Technologies

## 01 Dissolved Air Flotation

Dissolved air flotation (DAF) is a clarification process that utilizes air to remove suspended matter from the surface of treated water. DAF works by dissolving air under pressure and then releasing millions of tiny air bubbles into the water at atmospheric pressure.



## 02 UASBR

UASB uses an anaerobic process whilst forming a blanket of granular sludge which suspends in the tank. Wastewater flows upwards through the blanket and is processed (degraded) by the anaerobic microorganisms. The upward flow combined with the settling action of gravity suspends the blanket with the aid of flocculants.

## 03 Colour Removal System

Adsorption of color by activated carbon is the most effective process to remove color from wastewater.



## 04 High Rate Solid Contact Clarifier

HRSCC is generally used to remove solid particulates or suspended solids from liquid for clarification and (or) thickening. Concentrated impurities, discharged from the bottom of the tank are known as sludge, while the particles that float to the surface of the liquid are called scum



# Water Treatment Technologies

## 01 Ultra Filtration System

Ultra Filtration Plant -UF Plant: We are a leading Ultra Filtration Plant Manufacturer in India. Ultra filtration is a membrane based technology, which is used for separation of higher molecular weight particles from water. It can separate particles of even 0.01 microns from



## 02 Industrial RO System

RO process water at high pressure passes through very fine membranes that allow only the water molecules to pass through. Filtration and coagulation removes the solids and suspended particles. Chlorination and other chemicals removes the biological organisms. Chemical addition controls the pH and hardness

## 03 Softener Plant

The Water Softening Plants are designed to produce treated Water to suit for various applications. Treated Water is of consistency quality with low residual hardness throughout the service cycle. The high synthetic resin is used to exchange Sodium ion with hardness forming Calcium and Magnesium ions.



# Water Treatment Technologies

## 01 DM Plant

DM (demineralised) water plants are systems used to carry out industrial water treatment. To be more precise, the DM plant remove dissolved solids or minerals from process streams and feed water. These plants remove minerals using any one of the following procedures: Deionisation. Distillation.



## 02 UV Plant

Commercial ultraviolet disinfection systems are specifically designed to treat microbiologically contaminated ground or surface waters. These disinfection systems offer a 4-log reduction (99.99%) in bacteria, virus and protozoan cysts (specifically *Giardia lamblia* and *cryptosporidium*).



# Zero Liquid Discharge Technologies

## 01 Multi Effect Evaporator System

A solution containing a desired product is feed into the evaporator and it is heated by a heat source like steam. Because of the applied heat, the water in the solution is converted into vapour and is condensed while the concentrated solution is either removed or feed into a second evaporator for further concentration



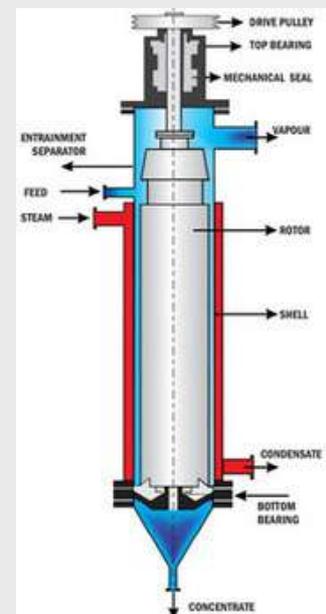
## 02 MVR System

Mechanical Vapor Recompression (MVR) is a proven energy-saving evaporative concentration technology, which reduces evaporation energy use by 90% or more. MVR Thermodynamic Cycle. MVR uses energy recovered from the condensate to create a pure liquid distillate and a concentrated product/waste.



## 03 ATFD System

Distillation of high-boiling substance under enhanced vacuum pressure. To develop continuous dry powder material. Removal of highly-volatile components from viscous products. Enhance your product quality by reducing impurities and eliminating thermal degradation.



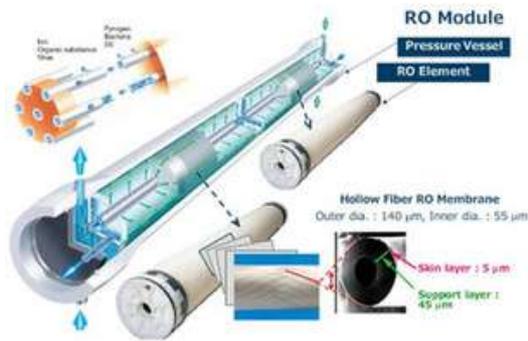


# SPARES

WE SUPPLY WATER TREATMENT PLANT SPARES ALSO



cartridge filter



RO Membrane & Housing



FILTER PRSS



Diffuser



WATER TREATMENT CHEMICAL



ACTIVATED CARBON





**We are Work in all industrial sector.**



Chemical Industry



Petro-Chemical Industry



Dairy Industry



pharmaceutical industry



Textile Industry



Electroplating Industry



# WHO TRUST US



# Thank You



RWT India  
Private Limited

Because, we're here to help you.