



ENVICARE
TECHNOLOGIES PVT LTD
The Smart Solution for Water Pollution



SAVE ENVIRONMENT SAVE LIFE

Recycle | Refuse | Reduce | Reuse

ABOUT ENVICARE

- 💧 We would like to share our **core expertise** in this field of water and wastewater treatment from last **20+ years**.
- 💧 Nowadays Envicare became an **international brand** with offices in Dubai & Malaysia with Mission - Saving an Environment from pollution and thus people from diseases.
- 💧 We have been awarded a lot of projects from well-known companies in India like - TATA's, Mahindra's, Kirloskar's, KSB Pumps, L&T, Godrej, GE, 3M, Kehein Fie and many more. This date we have more than **750+ Clienteles** base in India and abroad as in Saudi, Dubai, Ajman and Oman.
- 💧 We are one of the companies in this field who is having their own **R&D (Laboratory)** facility at work. At the offer stage only we are carrying out detailed analysis and treatability work that gives confidence to the clients about the final results from the proposed plant.
- 💧 With these core expertise we have easily accomplished the jobs with **Indian** (Tata Ltd) **American** (3M Ltd) , **German** (KSB Pumps Ltd.) and **Japanese** (Kehein Fie Ltd) management based companies.
- 💧 With our own **core team of 40 people** and associate, fabricators, system integrators, and contractors we can easily accomplish any job related to water and waste water treatment in any part of the world.
- 💧 We strongly believe in maintaining **good business relationship** with our clients and suppliers for years to come for mutual benefits.



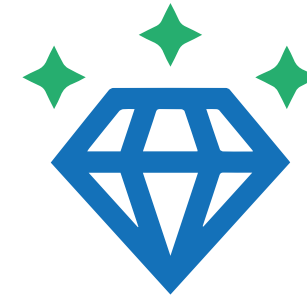
VISION

To be a company creating **sustainable** & **innovative** technologies and serving 5000 no of happy customers by 2024



MISSION

To be known as a company feeling **responsible** for water globally.



CORE VALUES

Contribution : Constantly feeling responsible for safety of water globally.

Growth : Working towards achieving bigger results continuously.

Passion : Passion to win and be the best whatever we do.

Innovation : Creating sustainable technologies for better tomorrow.

22+ Years of
Experience



Own R&D
Laboratory

1000+
Clientele

Recycled
2000+ Cr
Lit Waste Water

2000+
Installations

Following ISO
9001:2015
Management
System



International
Office in Dubai & Malaysia

Registration Under
MSME
Micro, Small & Medium
Enterprises

The National
Small Industries
Corporation
NSIC
Certified

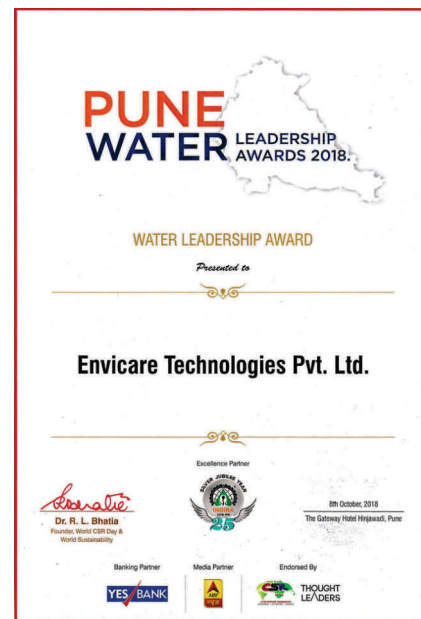


LIFE
ORGANISATION
MEMBER

Indian Water
Works Association

Esteem
Association
mccia

ENVICARE Certificates & Awards:



Udyog Aadhaar		Udyog Aadhaar	
Name of Enterprise		Name of Enterprise	
Location of Plant Details		Location of Plant Details	
Type of Enterprise		Type of Enterprise	
Date of commencement		Date of commencement	
Major Activity		Major Activity	
Previous Registration details if any		Previous Registration details if any	
National Industry Classification Code		National Industry Classification Code	
Date of Filing		Date of Filing	
Date of Printing		Date of Printing	

ENVICARE in Social & Media:



Book Inauguration - Think and Win like Dhoni



Dr. DY Patil - Techno Chem - Event



Entrepreneur Club - Industrial Visit



Naam Foundation Event



World Water Day - Celebration



Water Awareness Programs



Ex. Secretary - Rotary Club Of Pune - Lokmanyanagar



Globalisation Of Economics - Mauritius



Institute of Engineers On Worlds Standard Day



Interview On Doordarshan - India



Office In Malaysia



Rotary Club- Jalostav Event



ENVICARE in Social & Media:

Tree Plantation Event



Awareness & Knowledge Sharing Session
To Future Architects of India



Training Session at Kelhin Fie Pvt. Ltd.



INDEPTH

WATER RECYCLE, REUSE & ZERO LIQUID DISCHARGE

By
Mangesh Dashrath Surve, Founder- Managing Director (MD), Envicare Technologies Pvt. Ltd.

Water is the most precious thing on our planet. It can be called the only true elixir of life. However, wastewater has impacted water levels and water quality.

It is where wastewater management comes into the picture and can become a vital force in saving water. There are many three ways to deal with wastewater for far-reaching impact.

1. WASTEWATER REUSE:

Reusing anything is a classic way of ensuring that the item lasts long, gets utilised in a long term and leaves a mark on the planet. Wastewater reuse can make a positive impact on Earth. It can be called the first step in wastewater management and keeping its creation in control.

However, there are quite a few questions which arise in the regard. The usual query is about the way of reusing wastewater. The vital part is that this reusing should become a continuous process and almost a habit that is hard to let go of.

You must ask yourself questions. One of the most important questions to ask before throwing this water away is - is there any way of reusing this water back?

Yes, there are. But it requires extensive study and implementation later on.

There have been quite a few case scientific studies done on reusing wastewater. One happens to be on the wastewater produced from the washing in the bearing industry. Our simple treatment did the work of using wastewater repeatedly for washing. It includes just removing the oil and grease from the water. The results can be called path-breaking and save the expenditure of washing chemicals and the cost involved in water treatment for meeting discharge standards.

The reuse process must have serious

reconsideration. There need to be experts involved in tissue prospect. It stands true for the chemical, pharmaceuticals, tannery and electroplating industries, where wastewater treatment can help recover precious minerals, metals from the wastewater involved. The impact on industries will be huge.

There have been technologies that have made inroads in this aspect. Technologies like Anaerobic Treatment and Constructed Wetlands have proved useful in reusing wastewater lower cost and making use of the by-products.

HOWEVER, THERE ARE CHANCES OF CHALLENGES.

- Right Mindset, perception in reusing the waste
- Lack of Knowledge
- Lack of Awareness for Taking Initiative

That is why there should be urgency in recognising that by figuring out a system, the issue of releasing waste water will go away by at least 50%.

2. WASTEWATER RECYCLING:

The next obvious step will be looking into methods of wastewater recycling. It is the best option to ensure waste water does not go waste and further impacts the environment. You must know the 4Rs of any waste management.

The alarming point in the present water management scenario is the UN's report on India's water situation. It speaks about India being the most troubled country in freshwater availability by 2030. It has to make us even more aware of ways to manage precious water. India's future is very much dependent on our wastewater management.

This big challenge can be met by choosing wastewater recycling. The statistics speak of

90% of wastewater produced by the domestic sectors while the industrial sector makes up 70%. It looks serious. That is why the best and easiest to recycle would be domestic wastewater.

The first step would be changing one's mindset regarding using treated wastewater. A positive thinking towards the treated wastewater can be a stepping stone for recycling. Once that hurdle is crossed, the rest of the road towards recycling will smooth out.

A classic case study is of RCF, which was named a water production plant. The plant obtains the sewage from the city of Mumbai for recycling. It later sustains the company's freshwater needs for production. It is a boon for the metropolis where millions reside and face water issues.

It is a matter of better sense & saving operating costs to recycle any domestic and industrial wastewater than treating high TDS-seawater desalination. The wastewater recycling management in countries like Brazil and Singapore is worth studying and following.

There can be a few challenges in wastewater recycling too.

- Less R&D as Compared to Other Countries
- Less System Orientation and has a Need-Based Attitude
- Availability of Technology and On-ground Implementation
- Lack of Educated manpower for operating critical systems

The American government has labelled water as a commodity. Wasting this precious resource can be troublesome for future generations. Rumours are going around that water will be the reason for the start of the 3rd World War. So, wastewater recycling has to be decided.

3. ZERO LIQUID DISCHARGE (ZLD):

In the battle for 100% saving of wastewater, ZLD is another option touted for the future. There should be planned design, estimations and expert answers before applying ZLD. It will help apply ZLD better.

ZLD is termed as the ultimate engineering part of dealing with wastewater recycling. It includes process application and end use. It

Envicare Technologies, Tapping the Untapped Smart Solutions for Intelligent Wastewater Management



Mangesh Dashrath Surve
Managing Director

The launch of Smart City Mission by Prime Minister Narendra Modi has taken the country by its storm. To battle with multiple challenges, the government and various organisations are proactively ensuring quality performance of urban infrastructure, including energy consumption, transportation and utilities to meet reduction in resource consumption, savings and costs. Streamlined to meet latest cities among top-tier smart cities, Mangesh Dashrath Surve Managing Director, Envicare Technologies, an all-around platform for wastewater treatment to achieve the long-term goal of resource savings, single management, single and sustainable development.

Since its inception, Envicare has successfully supported 1000+ cities of India in managing urban technologies with new innovation. The Parkland

development, industrial growth and conservation in cities. It is a smart and matured project management. Click To Know More! Envicare Technologies, an all-around platform for wastewater treatment to achieve the long-term goal of resource savings, single management, single and sustainable development.

development, industrial growth and conservation in cities. It is a smart and matured project management. Click To Know More! Envicare Technologies, an all-around platform for wastewater treatment to achieve the long-term goal of resource savings, single management, single and sustainable development.

development, industrial growth and conservation in cities. It is a smart and matured project management. Click To Know More! Envicare Technologies, an all-around platform for wastewater treatment to achieve the long-term goal of resource savings, single management, single and sustainable development.

CW DESIGN BUILD COVER STORY

Blocks
The construction of Block buildings is a key to the success of the Smart City Mission. The construction of Block buildings is a key to the success of the Smart City Mission. The construction of Block buildings is a key to the success of the Smart City Mission.

Blocks
The construction of Block buildings is a key to the success of the Smart City Mission. The construction of Block buildings is a key to the success of the Smart City Mission. The construction of Block buildings is a key to the success of the Smart City Mission.

Blocks
The construction of Block buildings is a key to the success of the Smart City Mission. The construction of Block buildings is a key to the success of the Smart City Mission. The construction of Block buildings is a key to the success of the Smart City Mission.

SUVIRON

SUVIRON
A leading provider of...
SUVIRON Technologies Pvt. Ltd. is a leading provider of...
SUVIRON Technologies Pvt. Ltd. is a leading provider of...

SUVIRON
A leading provider of...
SUVIRON Technologies Pvt. Ltd. is a leading provider of...
SUVIRON Technologies Pvt. Ltd. is a leading provider of...

SUVIRON
A leading provider of...
SUVIRON Technologies Pvt. Ltd. is a leading provider of...
SUVIRON Technologies Pvt. Ltd. is a leading provider of...

Some Google Reviews:



Mr. Anup Kulkarni
Manager - ERC
Tata Motors, Pune

Envicare technologies give the complete solution to DM water, they have a large range of DM water plants according to your application. They have expertise over their products and give the appropriate solution according to your use. Service is also good. Cans for the regeneration of DM water plants it requires frequent regeneration, which is quite hectic for the end user. Now they have lots of better options for DM water.

info@envicaretechnologies.com



Mr. Kamlesh Bagul
AM - Pidilite Industries Ltd

Envicare is one-stop solution to all water treatment assignments.....team is highly competent as well as cooperative, especially the director Mr. Mangesh Surve.by Kamlesh Bagul, AM, Pidilite industries

info@envicaretechnologies.com



Mr. Haider Ali
Manager Maintenance
- Sona BLW Ltd.

Very good service provider in the field of water treatment. Having a good team of engineers who are always ready to our quarries and doubts. The proprietor Mr Mangesh is a very knowledgeable person in his field.

info@envicaretechnologies.com



Mr. Satish Pisal
Manager - Intech
Surface Coatings

Very through knowledge about the water treatment and allied subject .They can give optimum solution with customized plants with best results . Doing excellent work for our country by saving water for tomorrow . Excellent product and services . All.my best wishes for their future .:]


info@envicaretechnologies.com



Mr. Dhananjay Shedbale
Director - Diksha Exports & Environmentalist

I know Mangesh how hard it's to establish oneself as an entrepreneur, to become successful and further maintaining smile always on the face in all situations. U r one of those rare guys!☺☺ Good luck to u.

info@envicaretechnologies.com



Mr. Parab Mahendra
Manager Maintenance
- Mahindra Tsubaki

We are availing services for last eight years for STP & RO plant. Issues faced by us were solved on priority. Good co-operative staff. Mr Surve (MD) has deep knowledge about the processes.

info@envicaretechnologies.com



Mr. Bhimsen Rajput
Manager
Tata International Ltd

Highly Professionalized Services with Expert Technical Team. Appreciated.

info@envicaretechnologies.com



Mr. Anand Pandit
Director -
Aztech Industries Pvt Ltd

I must say the team is awesome when come to service and technical support. And under leadership of my friend Mr.Mangesh Surve it is flourishing day by day. He always has positive attitude when it comes to resolving client problems. My best wishes to him and his team.

info@envicaretechnologies.com



Mr.V.K. Gupta
General Manager- Lab
Operation
TUV India Pvt Ltd

A letter of appreciation is issued to convey our appreciation for the excellent work done by M/s Envicare for designing, erection and commissioning the ETP plant for our Pune-based testing laboratory. The services of Envicare Technologies were found to be excellent.

info@envicaretechnologies.com



Mr. Prajyot Deshpande
Manager -
Establishments
KSB Pumps Ltd.

The CSTP plant supplied by Envicare is providing desired results for the treatment of DP water along with sewage. We expect your continued co-operation in the operation of the plant.

info@envicaretechnologies.com

SEWAGE TREATMENT PLANTS (STP)



SEWAGE TREATMENT PLANTS



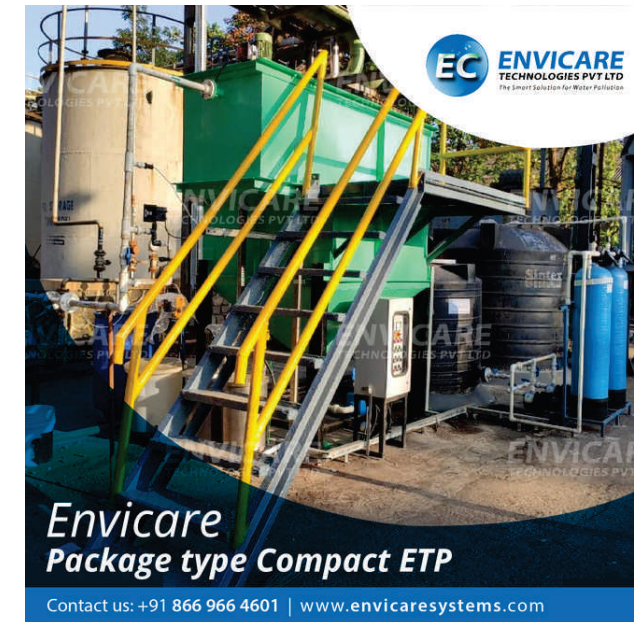
Purpose: To remove organic matter (COD/BOD) from water. **Technologies:** MBBR / SAFF / MBR/ ASP/ eOzone/ UF

Types: Container, Package -MS Fabricated, Compact-modular & Civil **Flowrate:** 5 m3/day to 5000 m3/day

Features: Manual, Semi-automatic Operation. Very Compact and Great aesthetic. Standard and made to order product.

Applications: Industries, Housing Complex, IT Companies, Hotels & Restaurants, Hospitals etc.

EFFLUENT TREATMENT PLANTS (ETP)



EFFLUENT TREATMENT PLANTS (ETP)



Purpose: To remove organic, inorganic, and metallurgical impurities from water.

Technologies: Physico-Chemical/ Biological/ Advance Oxidation/UF-RO/ ZLD

Types: Container, Package -MS Fabricated, Civil

Flowrate: 5 m³/day to 1000 m³/day

Features: Advance Chemical treatment with auto chemical dosing arrangement. Compact and Simple in Operation Manual, Semi-automatic Operation. Made to Order as per nature of effluent.

Applications: Chemical, Pharmaceuticals, Automobile, Sugar Factories, textile, washing centers, Petrochemicals Industries, etc.

ZLD & Online Monitoring:



Purpose: To handle the effluent to get the stringent effluent quality as per the PCB's new stipulated norms and to achieve the recyclable water quality.

Technologies: UF, RO, Multiple Effect Evaporator (MEE) , ATFD, Online monitoring)

Flowrate: 0.1 m³/day to 100 m³/day

Features: Advance tertiary treatment system with online monitoring will ensure the desired output effluent quality with distance monitoring.

Applications: Existing ETP upgradation chemical, Pharmaceuticals, Automobile, Sugar Factories, textile, Petrochemicals Industries, etc.

WATER TREATMENT PLANTS (WTP):



WATER TREATMENT PLANTS (WTP):



Purpose: To remove the Physical impurities & Hardness from water.

Technologies: Filtration and Ion – Exchange

Types: Skid Mounted, Container, Open-type

Flowrate: 0.2 m³/hr to 150 m³/hr

Features: Manual, Fully automatic Operation Open and Skid mounted FRP/ MS Constructed vessels Standard and Made to Order

Application : Industrial and Domestic:

REVERSE OSMOSIS PLANT (RO)



Purpose: To remove unwanted minerals (TDS), physical and bacteriological impurities from water

Technologies: Reverse Osmosis (RO) / Ultrafiltration (UF) / Ultra Violet (UV) / Primary Treatment – PSF, ACF, Chlorination

Types: Skid Mounted, Container, Open-type

Flowrate: 0.2 m3/hr to 30 m3/hr

Features: Fully automatic Operation
Skid mounted
Excellent quality of treated permeate.
Standard and Made to Order

Applications: Domestic and Industrial applications.

DE-MINERALISED (DM) WATER PLANT:



Purpose: To remove the unwanted minerals (TDS) from water.

Technologies: Ion – Exchange / Membranes

Types: Skid Mounted, Container, Open-type

Flowrate: 1.0 m³/hr to 50 m³/hr

Features: Manual, Fully automatic Operation
Open and Skid mounted
FRP/ MS Constructed vessels
Standard and Made to Order

Applications: Industrial.

Mini DE-MINERALISED (DM) WATER PLANT:



Purpose: To remove the unwanted minerals (TDS) from water.

Technologies: Ion – Exchange / Membranes

Types: Skid Mounted, Cabinet, Open-type

Flowrate: 50 LPH to 500 LPH

Features: Manual, Semi automatic Operation
Open and Skid mounted
FRP/ MS Constructed vessels
Standard and Made to Order

Applications: Industrial.

Filter Press & Bag Filters:



Purpose: To handle any sludge for dewatering activities

Technologies: Micron Filtration

Types: Manual and Hydraulic Operated

Flowrate: 1000 LPH to 5000 LPH

Features: Manual, Semi-automatic Operation
MS Structure and PP Plates PP Bag Filter

Applications: ETP, STP and Pretreatment Industries

OTHER SERVICES:



Purpose: To provide the end to end solutions

AMC: Annual maintenance contract for regular O&M and on a visit basis

R&D Lab: Is to provide the water and waste water analysis and to carry out the treatability services for the effluent and to design the suitable system and solutions

Treatment Chemicals: Supply of water and waste water treatment chemicals and related support

OUR ESTEEMED CLIENTS



CONTACT DETAILS



Add: BR-1, 401 to 405, B-Wing, Inox Multiplex Building,
Jai Ganesh Vision Akurdi, Pune 411035,
Maharashtra, India

Phone: +91 020- 27241501, 46760122

Cell: +91 9923181974

Email: info@envicare systems.com

Web: www.envicare systems.com





ENVICARE
TECHNOLOGIES PVT LTD
The Smart Solution for Water Pollution



LET'S CARE TOGETHER!