

# INDORE ENVIRO SERVICES

## COMPANY PROFILE



# About Us

Indore Enviro Services introduce ourself as a authorized Dealer of ION EXCHANGE, We are involved in the design engineering supply, installation and after sales for water treatment products which is manufactured by ION EXCHANGE.

We started very small, with one man and a mission to be proficient in our field. Today, we are proud having served the nation with technology, products and services. This was through the combination of our design and engineering skills, our own manufacturing and fabrication facilities, careful selection of our supply partners and commitment from our people. We concentrated and kept our focus on most challenging assignments and have pleasure today to have the largest market share in supply of water and waste water plants like ETP, STP, UF, RO, Reuse & Recycle, recovery system, mineral water treatment plant, demineralization, swimming pool filtration and condensate polishing systems to institutional establishment, where the quality and performance expectations are a challenge.

Our aim is to provide high quality of machinery with new state of art technology to our client. Indore Enviro always believe in excellence and innovation in technology.

## Our Vision

We aim to become the most preferred partner of quality conscious organizations in implementing water treatment solutions of any kind in the world.

## Our Mission

We are committed to ushering a era of water abundance by deploying state of the art solutions at affordable cost.

## Values

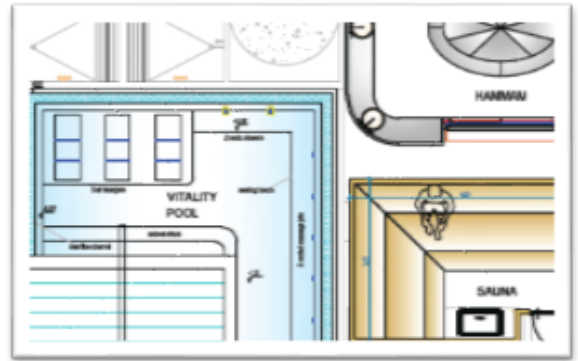
**Integrity:** We are honest with other and ourselves. We meet the highest professional standards in all our business dealing. We do what we say.

**Responsibility:** We accept responsibility towards our stakeholders, customers, partners and the environment, holding ourselves accountable for our work and our actions.

**Teamwork:** We have employees from different culture and backgrounds and with different point of views. We contribute as individuals and succeed in unity by sharing and building on knowledge and opinions that deliver results. We also believe in brainstorming.

## CONSULTING & DESIGN

We are working in cooperation with investors, project developers, architects and other contractors on site to ensure that all architectural demands and using purposes are realized with the highest quality and value for money.



## SUPPLY & INSTALLATION

Our experts and experienced engineers always implement the latest technology for swimming pool, spa, sewage treatment plant, water treatment plant, heat pumps etc.

## CONSTRUCTION

The construction of the project is supervised and performed by a trained and experienced staff. We are using only the best products available.



## AFTER-SALES

Regular maintenance and servicing are essential, both to protect your investment and enhance your enjoyment.

Our service also includes training and instruction for your staff/ team.

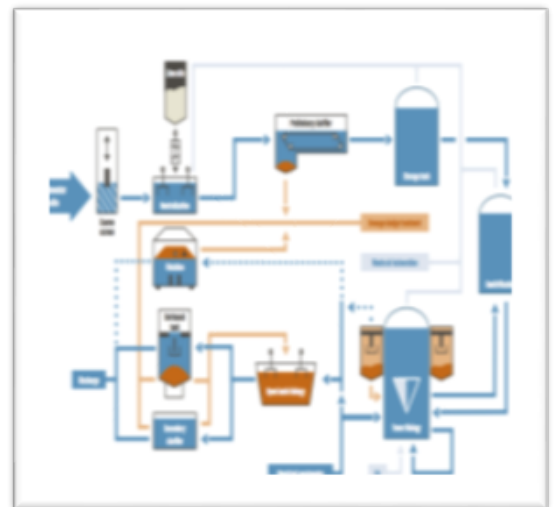
## RENOVATION & MAINTENANCE

Whether your project requires new tiles, better water quality, pumps, filter, or even a total renovation, our expert technicians and operation team are capable of renovating and make your existing functional project.



## Effluent Treatment Plant (ETP)

Indore Enviro provide Effluent Water Treatment Plant for various types of waste water and effluents to remove suspended solids, organic, inorganic, grey water, oil and grease & suspended solids. It is made at our facility according to the prevailing industrial standards. Also our team of inspectors conducts quality check on various parameters to be sure at our end, before delivering the product. Effluent / grey Water Treatment Plant is offered at cost-effective prices to hotel and hospitals.



## Effluent Treatment Process

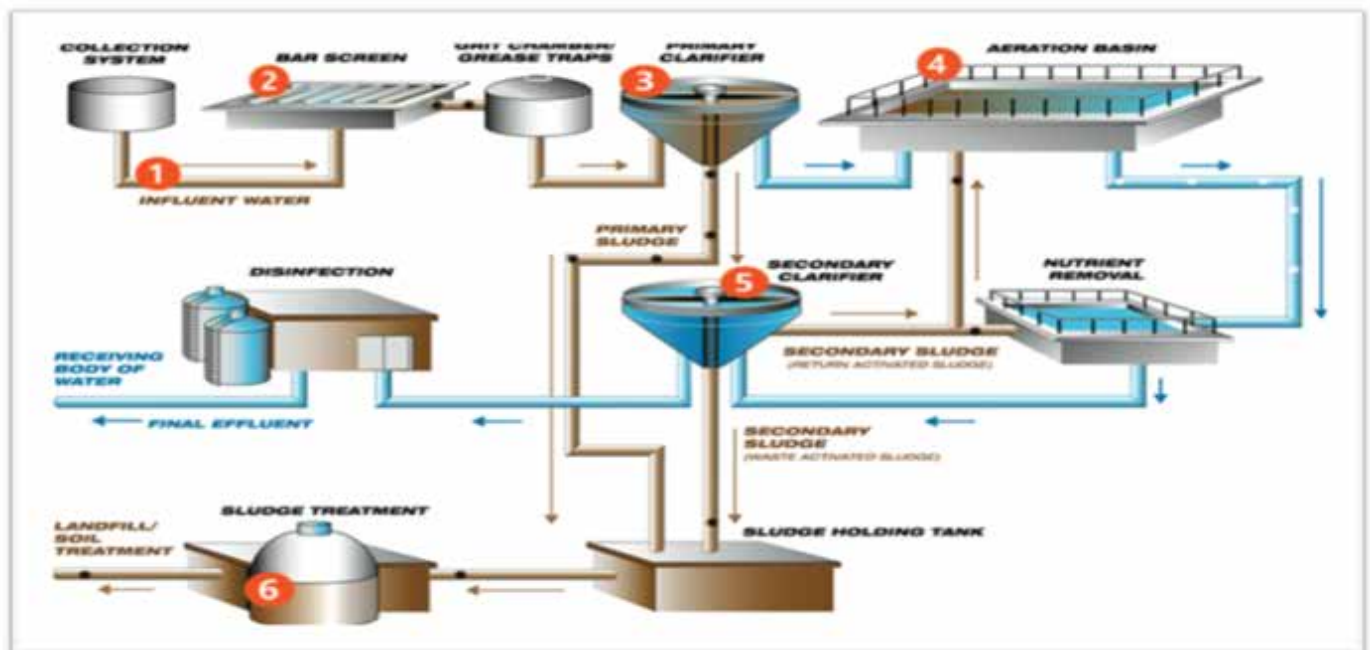
- Ultrafiltration
- Reverse Osmosis
- Membrane Bio Reactors
- TDS Reduction
- TDS Removal
- Sludge Thickeners
- Sludge Digesters
- Conventional Sludge Drying Beds

# Sewage Treatment Plant (STP)

Indore Enviro Sewage Treatment Plant used to treat sewage created by hostles, industries, hospitals, colonies, IT parks and commercial buildings etc. We manufacture and assure usage of qualitative materials in fabricating sewage treatment plant upto industrial standards. It is easy to install & operate and requires low maintenance cost. It helps providing the society with a clean healthy envioment around them. It can be availed at feasible prices.

## Sewage Treatment Process

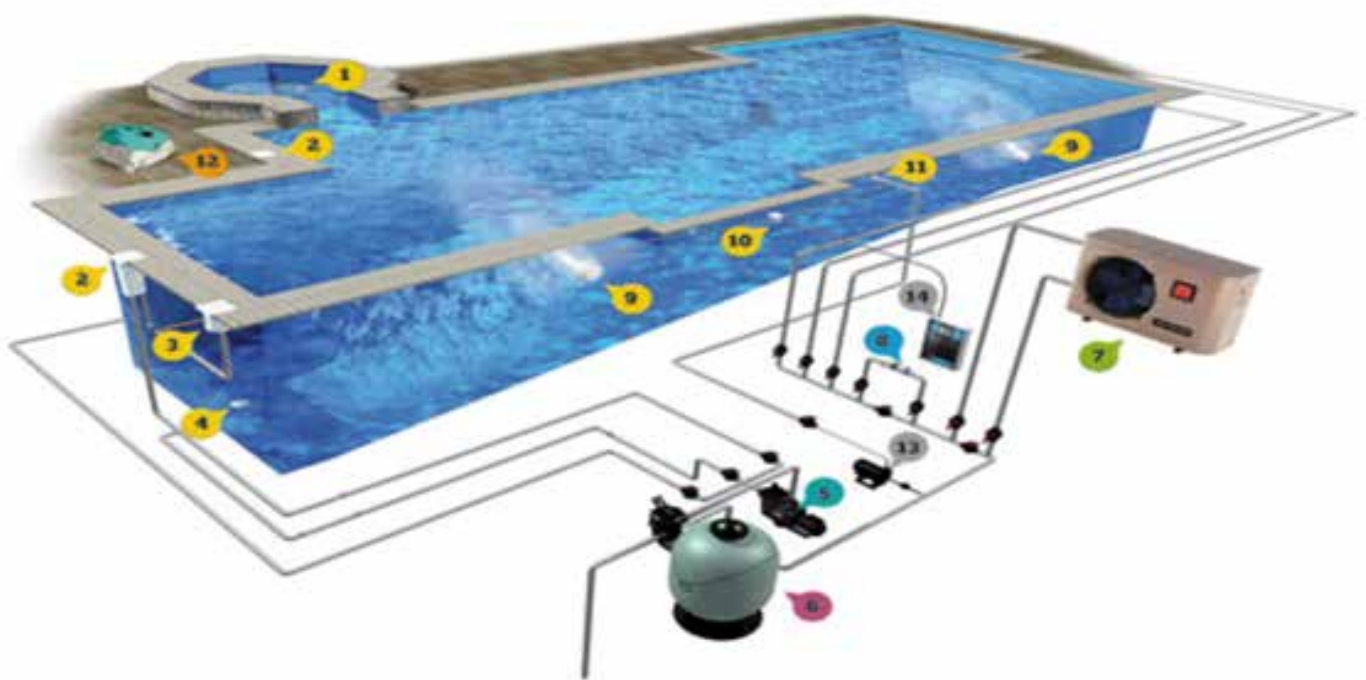
- Compact Sewage Treatment Plants
- Custom Builts Sewage Treatment Units
- UASB Based Sewage Treatment Plants
- SBR Based Sewage Treatment Plant
- Sullage Treatment Units
- Membrane Bio Reactor
- Manual Bar Screens
- Automatic Bar Screens
- Floating Oil Skimmers
- Belt Type Oil Skimmers
- Fat & Grease Traps
- pH Controllers
- Coarse Bubble Diffusers



# 360°

## SWIMMING POOL SOLUTIONS

Swimming Pool enhances the aesthetics of an apartment, club, hotel or a farmhouse. Essentially, its design, crystal clean water, fittings and accessories all put together gives the water body a unique identification.



### **Our technically sound and aesthetically appealing range of solutions are**

- Consultancy, design and installation of various types of pools
- Heating & Chilling System
- Water Testing Solution
- Pumping System
- Disinfection Systems
- Filtration Systems
- Cleaning Systems
- Pool Accessories

# Steam Sauna Rooms

Restore your well-being and get the golden glow of healthy by creating your very sanctuary in the privacy of your home. Sauna, the “finish” way of relaxation is now at your disposal.

The simple heat generation has astounding benefits. The soft heat generated has a gentle penetrating and moisturizing effect.



## Benefits of Sauna

- Sauna can ease the joints pains, muscular skeletal ailments, muscle & tissue injuries with its penetrating heat properties.
- Sweating in a sauna can help to detoxify the body of harmful impurities, heavy metals, acids, Sodium, Nicotine, Alcohol and many more substances.
- When sitting back in the radiant heat of the sauna, stress and tension melts away. After a session in Sauna, one feels refreshed, renewed & rejuvenated.

# SPA & JACUZZI



## Features

- Heat Rest With Rail
- Foot operate waste overflow
- Hot & Cold Water Filler with Hand Shower
- Two 1.5 HP Whirlpool Systems
- Under water Light
- Spa Heater 3.5 kw

# SPA & JACUZZI



# Massage Bath Tubs

## Features

- MOC - Acrylic (Fiberglass Reinforcement)
  - For Seating upto 6 Persons with lounge
  - With Hydro massage jets, spa jets
- Includes filtration, pumps, heater, control panel, ozonator, LED Light & water fall.  
Radio (Optional).



# Swim Spas

## Features

- MOC - Acrylic (Fiberglass Reinforcement)
  - For Seating upto 6 Persons with lounge
  - With Hydro massage jets, spa jets
- Includes filtration, pumps, heater, control panel, ozonator, LED Light & water fall.  
Radio (optional).



# Reverse Osmosis

Reverse Osmosis Systems provide highly reliable and cost effective treatment of a wide range of brackish water. The system utilizes state-of-the-art spiral wound reverse osmosis membranes to suit a given application. These Systems can Removes 90-98% of total dissolved salts.

## Features

- Product flow Rate 4 -50 m<sup>3</sup>/h
- Product Recovery Range from 50-75%
- Electrical 415V, 3 Ph, 50 Hz
- Possible to hook up sophisticated Instruments – and controls
- Salt rejection ranges from 90 -98% depending upon feed water composition

## Applications

- Modular design – capacity can be increased at minimal cost
- Process water for manufacturing plants
- Boiler feed to hotel and hospitals
- Beverage and food processing industry
- Drinking & Mineral water
- Waste Water
- Bio-technology



# Reverse Osmosis Equipment Details

## Raw Water Pump

To generate the pressure for down the line system.

## Pressure Sand Filter

The water is first filtered by Pressure sand filter Unit for removal of suspended matters and turbidity.

## Activated Carbon Filter (ACF)

To remove color, Odor. Chlorine, Oil & Grease from the raw water.

## Micron Cartridge Filter

These are Pressure Vessels Fitted internally with spun or pleated cartridge element which removes micron sized particles.

## Antiscalant Dosing Systems

To prevent membrane from scaling (hardness).

## High Pressure Pump

A high-pressure pump is provided for supplying the feed water to RO System at high pressure of 10-12 kg/cm<sup>2</sup>.

## Desalination / Brackish water System by RO Membrane Element

A Reverse Osmosis System rejects 90-95% of Total Dissolved Solids (TDS).

## Storage of Treated (Pure) water

To store Treated (pure) water in tank.



# Water Softening Plant

Softening plant is designed to remove calcium and magnesium ions which cause the hardness of water. The hardness in raw water gets exchanged with sodium ions in the sodium based cationic resin bed, thus giving real soft water.

Softening plant is available in Manual as well as PLC based control system with Fully Automatic option. It is available in FRP/ MSRL models.

Softening plants is designed to cater to the requirement of scale prevention of Utility / Plumbing Fixtures from total hardness. Softeners are available for Bungalow/ Institutional/ Industrial applications.



## Demineralization System (DM/MB Plant)

Indore Enviro Demineralizers removes all cations and anions from water.

Indore Enviro demineralizers consists of acid/alkali proof pressure vessel with internal fittings and initial change of cation and anion exchanger. A set of regeneration equipment, hydraulic ejectors, acid and alkali tanks, conductivity meter provides pure total dissolved salts free water which is required at power projects, pharmaceutical sector, battery water, electronic industry, textile/ process water applications.

# Ultrafiltration Plant (UF)

**Operation:** Semi/ Fully Automatic self-encapsulated hollow fiber ultrafunction membrane module (inside – out)

**Operating Mode:** Dead – end or cross flow, back washable

**Module Mounting:** Vertical

Nominal Membrane Pore Size: 0.02 micron

**Membrane Material:** Hydrophilic PES

**Housing Material:** UPVC

**End Cap Material:** GRP

**Nozzle Size:** 2" Victolic



# Ultra Violet (UV) System

## Application

- Pharmaceutical Industry
- Chemical Industry
- Hotel and Hospitals
- Fertilizers
- Biotechnology Lab
- Swimming Pool

# **We offer sustained solutions for customer needs through a comprehensive range of services, innovative and economical technologies, such as following us:**

- Turnkey Projects – ETP, STP, STP
- ETP/ STP Operation & Maintenance
- Swimming Pool
- Complete Water Management with Zero Liquid Discharge (ZLD)
- Brine Recovery System (BRS)
- Mineral Water Treatment Plant
- Water Softening Plant
- DM (Demineralization) Plants
- Cooling Tower Plant
- Water & Waste Water Chemicals
- All type of Water Solution



# Our Clients



INDORE ENVIRO  
SERVICES

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