



# ***ASP Enviro Tech Pvt. Ltd.***

*Masters in Water & Waste Water Treatment Projects...*

**An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company**





## THE COMPANY

We at ASP ENVIRO TECH PVT. LTD. pride ourselves in providing you, tailor-made, total Environmental Solutions for the treatment / management of all your waste, be it gaseous, solid / hazardous or liquid.

Our philosophy revolves around the dictum, 'It should be everyone's commitment to hand over the mother earth to the next generation in the same condition as we have taken over from our previous one, if not in better shape'.

We firmly believe in successfully accomplishing the customer's requirements on ground and then let our esteemed clientele proudly talk about our efficiency and performance.

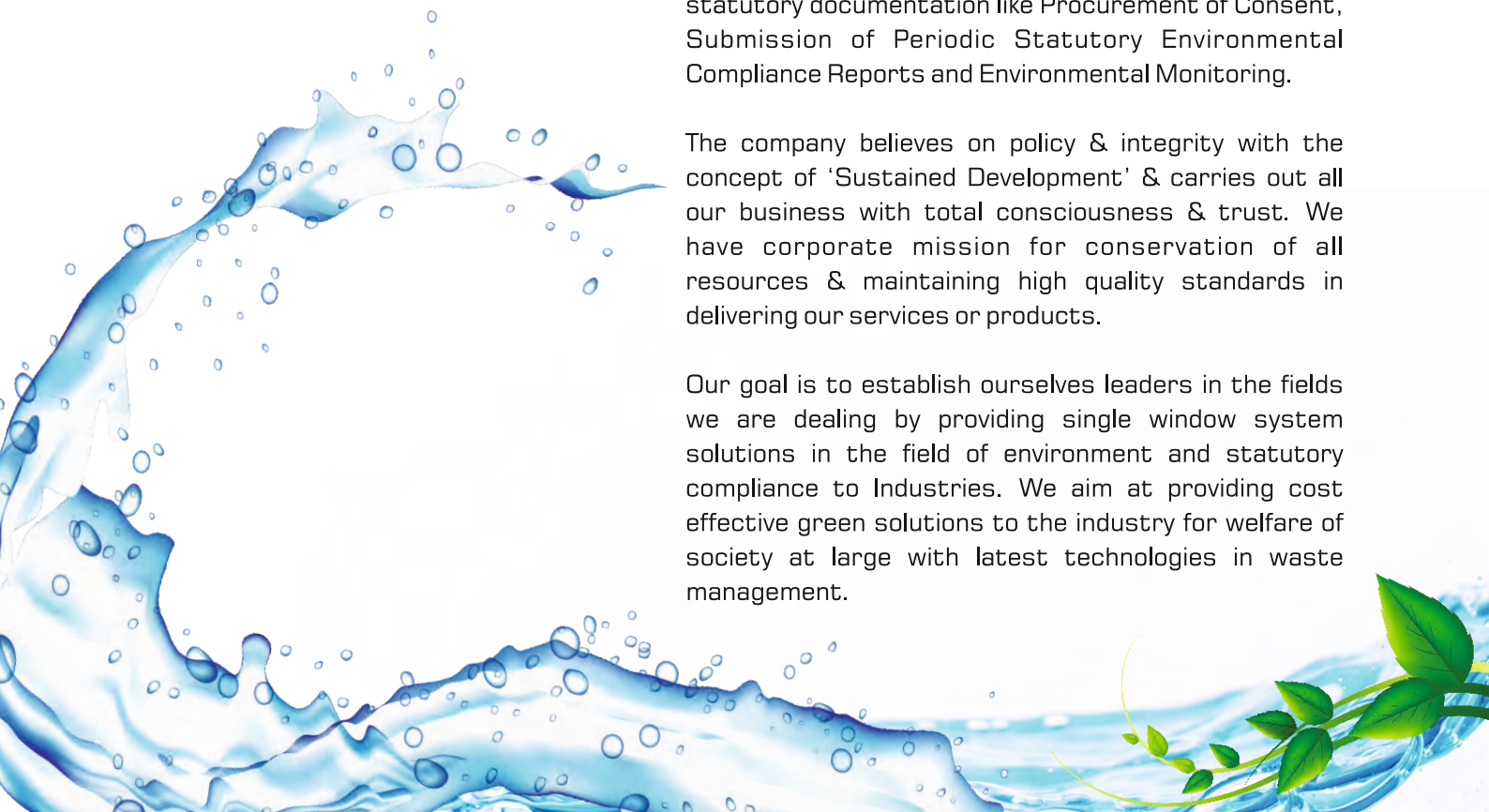


## ABOUT US

ASP ENVIRO TECH PVT. LTD. An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company have diversified interests in all aspects of Environmental Protection / Pollution Control including Water and Waste Water Treatment Projects - Designing, Supply, Erection & Operation and Maintenance of the Treatment Plants. We also deal in statutory documentation like Procurement of Consent, Submission of Periodic Statutory Environmental Compliance Reports and Environmental Monitoring.

The company believes on policy & integrity with the concept of 'Sustained Development' & carries out all our business with total consciousness & trust. We have corporate mission for conservation of all resources & maintaining high quality standards in delivering our services or products.

Our goal is to establish ourselves leaders in the fields we are dealing by providing single window system solutions in the field of environment and statutory compliance to Industries. We aim at providing cost effective green solutions to the industry for welfare of society at large with latest technologies in waste management.





## PRESENT INFRASTRUCTURE



## HUMAN RESOURCE

We believe that 'Human Resource' is key to any business group / service industry. To assure our clientele of our commitment to complete the jobs assigned to us, we have developed a team of dedicated, trained personnel.

We have around 200+ well qualified & experienced employees, from Senior Manager to Skilled Operator levels, working in diverse fields like Marketing, Designing, Purchase, Projects Implementation, Operation & Maintenance, Techno-legal and back-office staff.

We have a well neat team of individuals with profound expertise & vast experience in their individual fields. These professionals benefitting from their experiences working with large Industry Houses are associated with us with commitment to serve our clients with zeal, at all times. We also have some other organizations as our Business Associates who work in tandem.



## LABORATORY

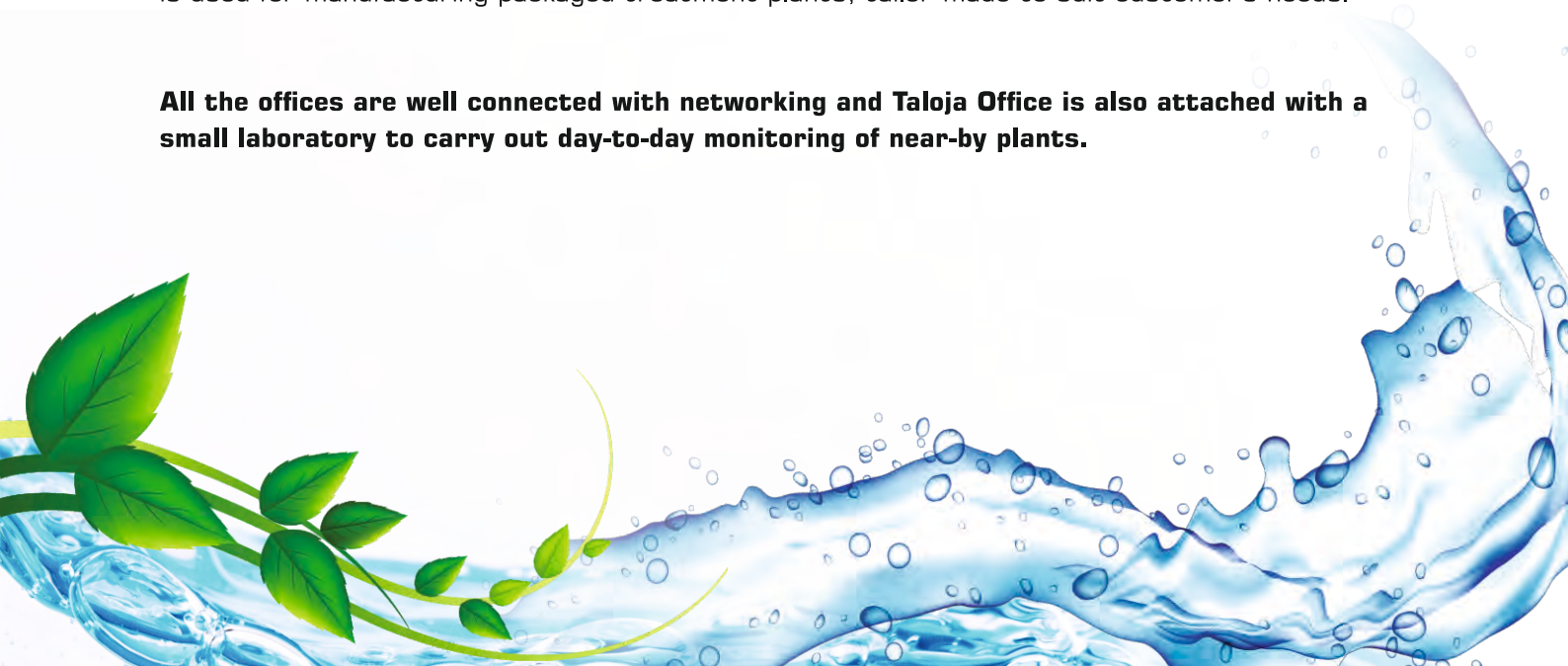
Our Parent Organization, Excellent Enviro Research & Development Center have a full fledged, well equipped 'State-of-the-Art' Laboratory at Aurangabad which is ISO 9001:2001 & OHSAS 18000 certified. The laboratory is established in about 3000 Sq. ft. area and equipped to carry out feasibility studies and bench scale table-top pilot plants.



## FABRICATION SHOP

We have a our own fabrication shop measuring about 1000 Sq. ft. and manufacture MS / SS tanks etc. as per the need and have a separate team of engineers, fitters, welders etc. The shop is used for manufacturing packaged treatment plants, tailor-made to suit customer's needs.

**All the offices are well connected with networking and Taloja Office is also attached with a small laboratory to carry out day-to-day monitoring of near-by plants.**



# SEWAGE TREATMENT PLANTS



## OUR TECHNICAL SERVICES

With increasing awareness and due to the stringent statutory compliance requirements, our full-fledged Project Division, Laboratory & Techno-legal teams are engaged in providing tailor-made solutions to all the problems in the environmental field, for the industries.

## SEWAGE / EFFLUENT TREATMENT PLANTS

- › Conducting Treatability / Feasibility Studies on Effluent Streams and finding out most economical techno-commercial solutions
- › Designing, Construction / Supply, Erection & Commissioning of Sewage Treatment Plants, Industrial Effluent Treatment Plants & Common Effluent Treatment Plants, on Turn-key Basis.
- › Basic & Detailed Engineering: Environmental Projects
- › Project Management on Environmental Projects: Procurement Assistance, Project Schedules, Supervision during project execution, Supervision during plant start up
- › Performance Audits of STPs, ETPs & CETPs for judging adequacy / inadequacy of units & equipment in the plants
- › Operation & Maintenance of Sewage / Effluent Treatment Plants & CETPs on Contract Basis with experienced man-power
- › Trouble-shooting of STPs, ETPs & CETPs
- › Providing expertise services for Operations of ETP / STP on monthly Retainer-ship basis



# EFFLUENT TREATMENT PLANTS



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

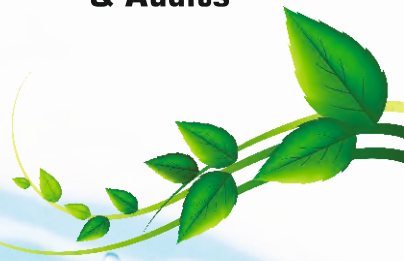


## MPCB LICENCE CLEARANCE & ENVIRONMENTAL AUDIT SERVICES

- Procuring Consent to Establish, Consent to Operate / Renewal of Consent
- Periodic Statutory Report Submission
- Follow-ups & Liaison with CPCB / MPCB and other Statutory authorities
- Preparation of Environmental Statement as per Statutory requirements
- Preparation of Environmental Management Plan & Gap Analysis
- Undertaking Effluent Treatment Plant Performance Efficacy Audit
- Undertaking Legislative Compliance Audit
- Comprehensive & Rapid Environmental Impact Assessment of Industrial & Other Infrastructure Projects
- Preparation of Detailed Project Report
- Assist in Procurement of Statutory Environmental Clearances from MoEF.



**Environment Training  
& Audits**



## **FILTRATION & OTHER TERTIARY TREATMENT UNITS**

Supply, Installation / Erection, Operation & Maintenance of



**Ultraviolet Filtration Plant**



**RO Plants**



**Water Softeners**

## **LABORATORY AND RESEARCH & DEVELOPMENT SERVICES**

- Potable Water, Ground Water & Wastewater (Effluent / Sewage) Sampling & Analysis
- Fugitive & Process Emission Monitoring
- Flue Gas analysis from Stacks
- Noise level monitoring
- Light & Illumination surveys
- Hazardous Waste & Solid Waste Characterization
- Soil Analysis
- Characterization of Wastewater
- Treatability studies
- Preparation of feasibility reports
- Base line & Post Environmental Clearance studies



## **OPERATION & MAINTENANCE OF ETP, STP, UF, RO & MEE PLANTS**

- We undertake Operation & Maintenance of ETP, STP, UF, RO & MEE by experienced operators.
- We undertake comprehensive O & M for treatment plants.
- Skilled operation save your operational cost by
  - a) Optimum chemical consumption.
  - b) Proper Preventive Maintenance to avoid major break down.
  - c) Achieve outlet parameter under pollution board norms with proper equipment handling and plant operation.



# ZERO LIQUID DISCHARGE (ZLD)

Zero-liquid discharge (ZLD) is a water treatment process in which all wastewater is purified and recycled; therefore, leaving zero liquid discharge into the Environment at the end of the treatment cycle. With increasing water scarcity, contamination of ground water and consequently stringent statutory norms, we are shifting our focus on the new need of the hour of the industry, ZLD.



## THE MAJOR DRIVERS FOR USING ZLD ARE

- › Environmental regulation on discharge of specific solutes (salt, toxic elements, nitrate-nitrite etc);
- › Water scarcity / water stress growing world-wide along with still negligible rate of waste water recycling;
- › Economics: recycled water becomes more affordable as the water supply from conventional sources becomes more expensive;
- › Growing social responsibility and education towards awareness of environmental issues.



## WHAT'S INCLUDED IN A BASIC ZLD TREATMENT SYSTEM?

- › Clarifier and / or reactor to precipitate out metals, hardness, and silica
- › Chemical feed to help facilitate the precipitation, flocculation, or coagulation of any metals and suspended solids
- › Filter press to concentrate secondary solid waste after pretreatment or alongside an evaporator
- › Ultra Filtration (UF) to remove all the leftover trace amounts of suspended solids and prevent fouling, scaling, and / or corrosion down the line of treatment
- › Reverse osmosis (RO) to remove the bulk of dissolved solids from the water stream in the primary phases of concentration
- › Brine concentrators to further concentrate the reject RO stream or reject from electro dialysis to further reduce waste volume
- › Evaporator for vaporizing access water in the final phases of waste concentration before crystallizer.
- › Crystallizer to boil off any remaining liquid, leaving you with a dry, solid cake for disposal



## Our Clients



### Pune Office

B Zone - 410, 411, 4<sup>th</sup> floor, Near Vijay Sales,  
Pune-Mumbai Road, Chinchwad, Pune - 411 019.

+91 9970 98 9991  
+91 9890 44 9991

### Taloja Office

126, 1<sup>st</sup> Floor, Silver Spring, Opp. to Dena Bank,  
Taloja, Navi Mumbai - 410 208.

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