

OUR CLIENT LIST

CONSTRUCTION PROJECTS :



HOTELS & HOSPITALITY PROJECTS



FACTORIES & OTHER INDUSTRIES



WATER ENVIRO

E N G I N E E R S

WHEN WATER QUALITY MATTERS

POLLUTION CONTROL | WATER TREATMENT | WASTE WATER TREATMENT

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WATER ENVIRO

E N G I N E E R S

WHEN WATER QUALITY MATTERS



Industrial and Municipal Wastewater Systems

Upgrade, Replacement and New Installation

From concept to fully operating systems, we offer a range of processes and equipment to give you the clear solution.



Advanced Water & Wastewater Treatment Specialists

B.O.: | Ahmedabad | Chennai | Hyderabad | New Delhi | Vadodara



Sewage Treatment Plant



Effluent Treatment Plant



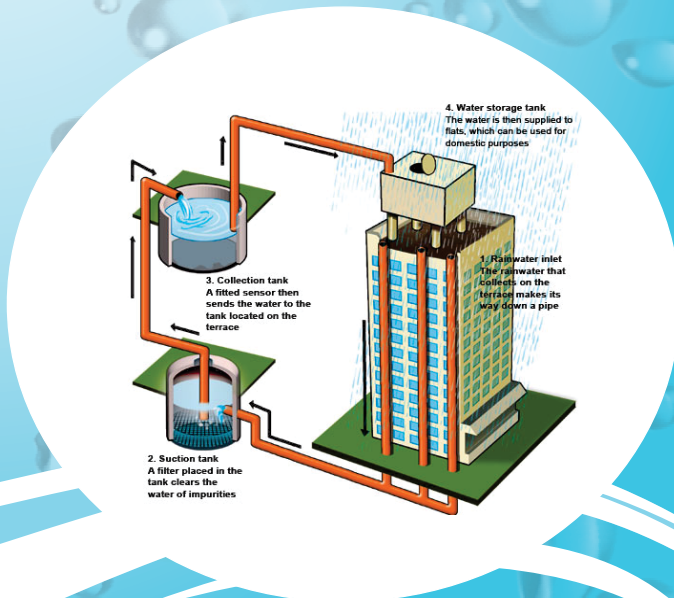
Reverse Osmosis Plant



Swimming Pool Filtration



Ozonation System



Rain Water Harvesting

REVERSE OSMOSIS PLANTS

Reverse osmosis (RO) is a membrane-technology filtration method that removes many types of large molecules and ions from solutions by applying pressure to the solution, when it is on one side of a selective membrane. Reverse osmosis is used to purify Water and remove salts and other impurities in order to improve the color, taste or properties of the fluid



SWIMMING POOL FILTRATION SYSTEM

Swimming pool filtration System We Specialize in providing world class Olympic size swimming pools and Infinity pools. The Filtration system we provide gives you crystal clear sparkling water that enhances the beauty of your pool. Also we provide LED colour lights that suite your pool. Alongwith swimming pool , We also provide any type of fountains or water curtains or any FRP structure or water body to suit your swimming pool.



ULTRAFILTRATION SYSTEM (UF)

Ultrafiltration (UF) is a separation process using membranes with pore sizes in the range of 0.1 to 0.001 micron. Typically, UF membranes will remove high molecular-weight substances, colloidal materials, and organic and inorganic polymeric molecules. Low molecularweight organics and ions such as sodium, calcium, magnesium chloride, and sulfate are not removed by UF Membranes.



OZONATION SYSTEM

Ozone is a very strong disinfectant & oxidant. Any pathogen or contaminant that can be disinfected altered or removed via an oxidation process, will be affected by ozone. It is the strongest of all molecules available for disinfection. In water treatment ozone is more than twice as powerful as chlorine and acts 3000 times faster. Ozone can be used as a disinfectant deodoriser, detoxifier and a coagulant.

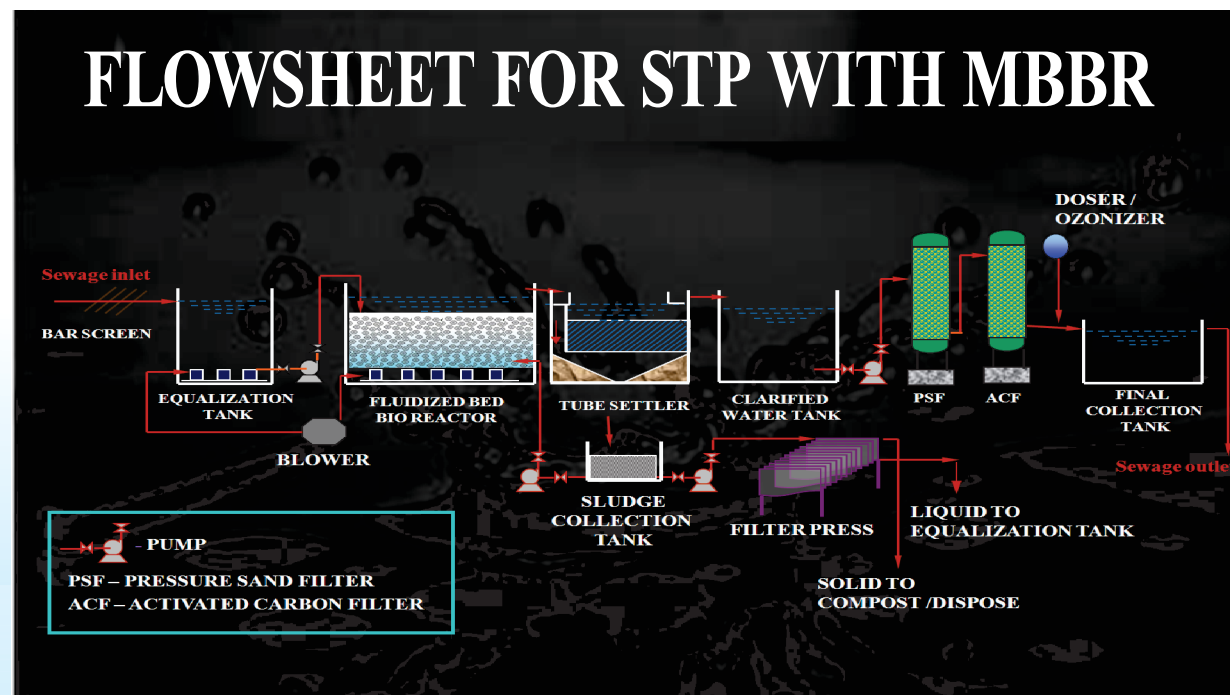


MOVING BED BIO-FILM REACTOR - (MBBR)

Purwat Moving Bed Bio-Reactor (MBBR) technology is based on the bio-film principle with an active bio-film growing on small specially designed plastic carriers that are kept suspended in the reactor. It is one of the advanced biological treatment processes which have a great potential for the simultaneous and efficient removal of nutrients along with organic matter. It is a process coupling suspended activated sludge and attached growth process in a single system. The technology utilizes the advantages of both activated sludge and other bio-film systems (e.g. bio-filters, bio-rotors etc.) without being controlled by their disadvantages.



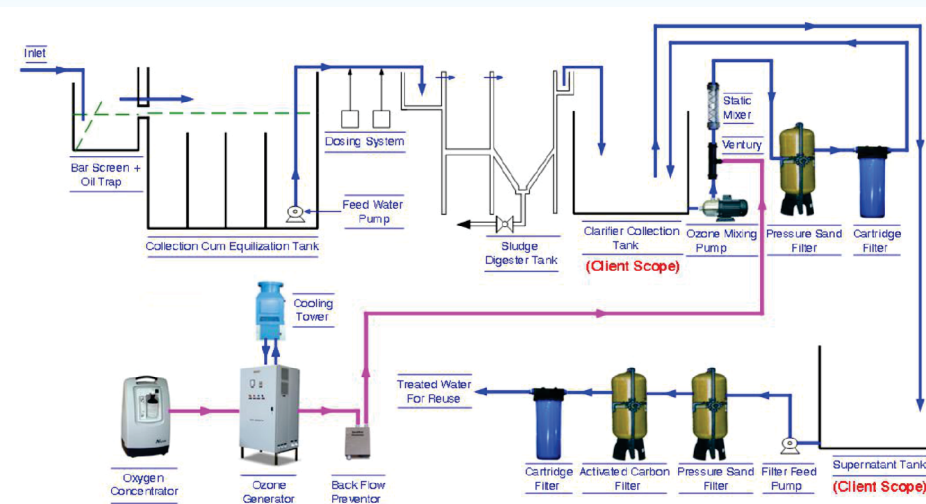
FLWSHEET FOR STP WITH MBBR



GREY WATER TREATMENT PLANT :

Grey Water is wastewater, which is produced from domestic activities like, clothes laundry, bathing and washing dishes. By using the Grey Water Treatment Plant one can recycle this waste water for landscape irrigation and flushing purposes. As a result of using these Grey Water Treatment Plants, you can reduce usage of freshwater.

FLWSHEET FOR GREY WATER TREATMENT



COMPANY PROFILE

ABOUT US

Incepted in the year 2006, Water Enviro Engineers is a prominent company involved in the manufacturing and supplying a wide range of precisely engineered water and waste water treatment equipments and systems. WEE annual turnover of Rs.2-3 crore Approx. We are well equipped with all latest manufacturing machinery in our integrated manufacturing plant to meet all clients demand and world class standards. deliveries with ever increasing demand with excellent service backup. We are a customer oriented company and always while work keeping the interest of our customers at prime focus. Our single minded focus and attention towards technological advancements and highest standards of quality has enabled us to become a privileged supplier to the major companies.

OUR TEAM

Considering our organization as family , we set an example of a healthy working environment. We have experienced engineers technicians and other personnel whose requisite experience ,expertise and hard work helps in manufacturing the water treatment plants effectively and efficiently along with excellent service backup. Our quality analysts undertake inspection of the whole process and stringently monitor every step of production to see whether our range of water treatment plants conform to the industry standard. Understanding the responsibility of offering a flawless range, these quality analysts make genuine effort assuring that only high performing water treatment plants reach the market. The team of sales and marketing is well versed with market dynamics and caters to various product related queries to our client. Further to enhance the efficiency of our employees and keep them abreast with the latest developments we conduct various seminars and training sessions on regular basis.

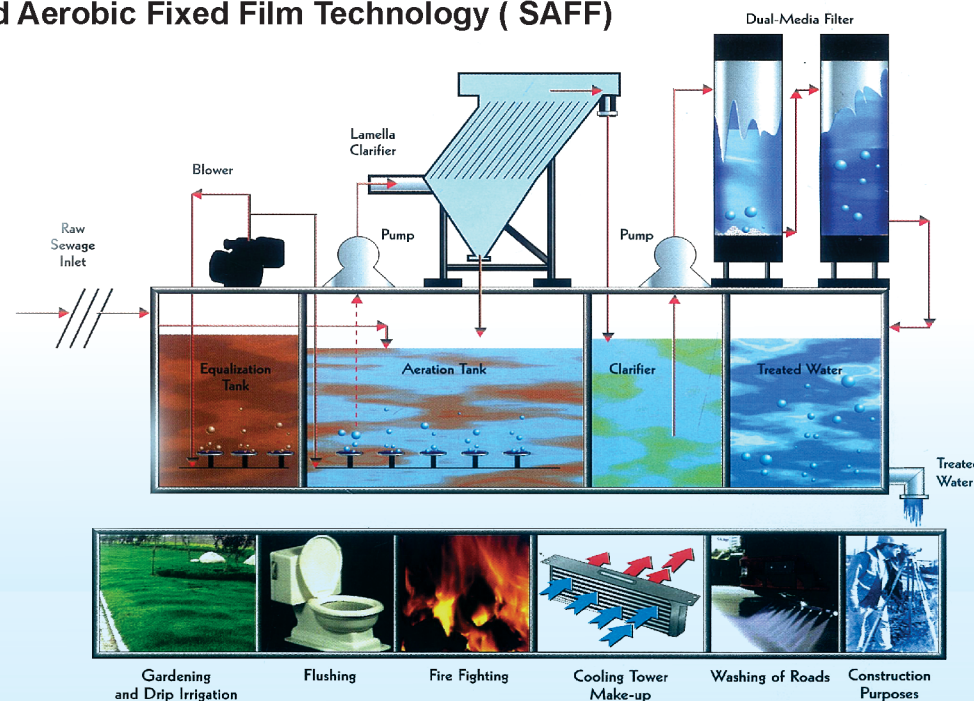


WATER ENVIRO
ENGINEERS
WHEN WATER QUALITY MATTERS

WATER ENVIRO ENGINEERS- AN ASSURED WAY TO CONTROL POLLUTION

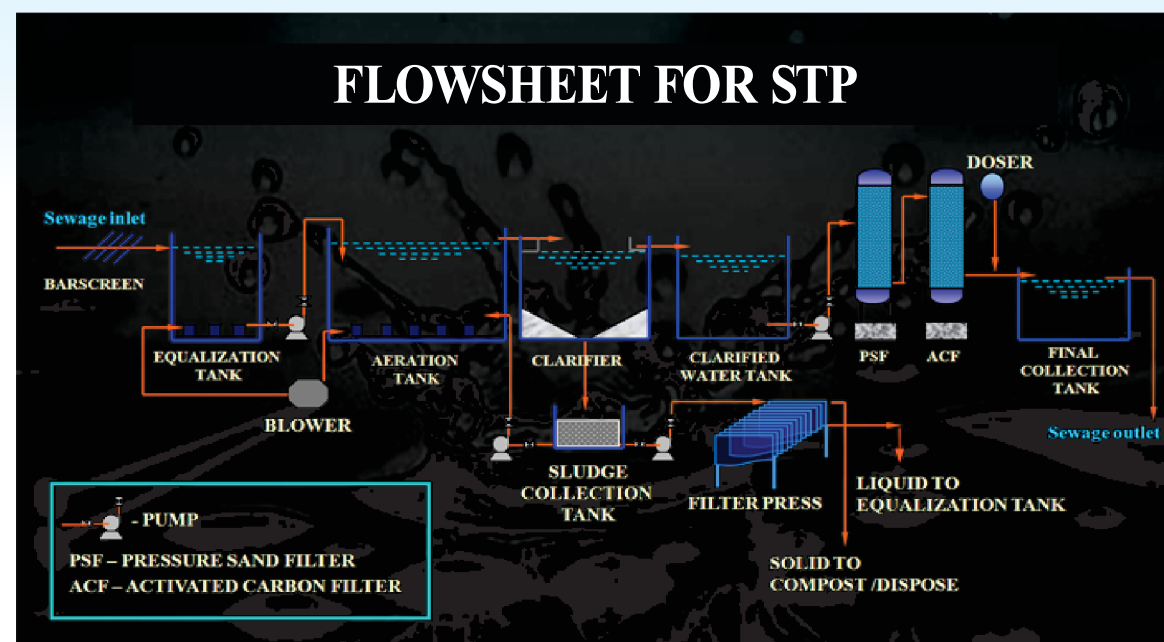
We Provide SEWAGE TREATMENT PLANT (STP) BY FOLLOWING PROCESSES

- 1)Extended Aeration System (EAS)
- 2)Sequential Batch Reactor (SBR)
- 3)Membrane Bio Reactor (MBR)
- 4)Moving Bed Bio -film Reactor (MBBR)
- 5)Submerged Aerobic Fixed Film Technology (SAFF)



Extended Aeration System : (EAS)

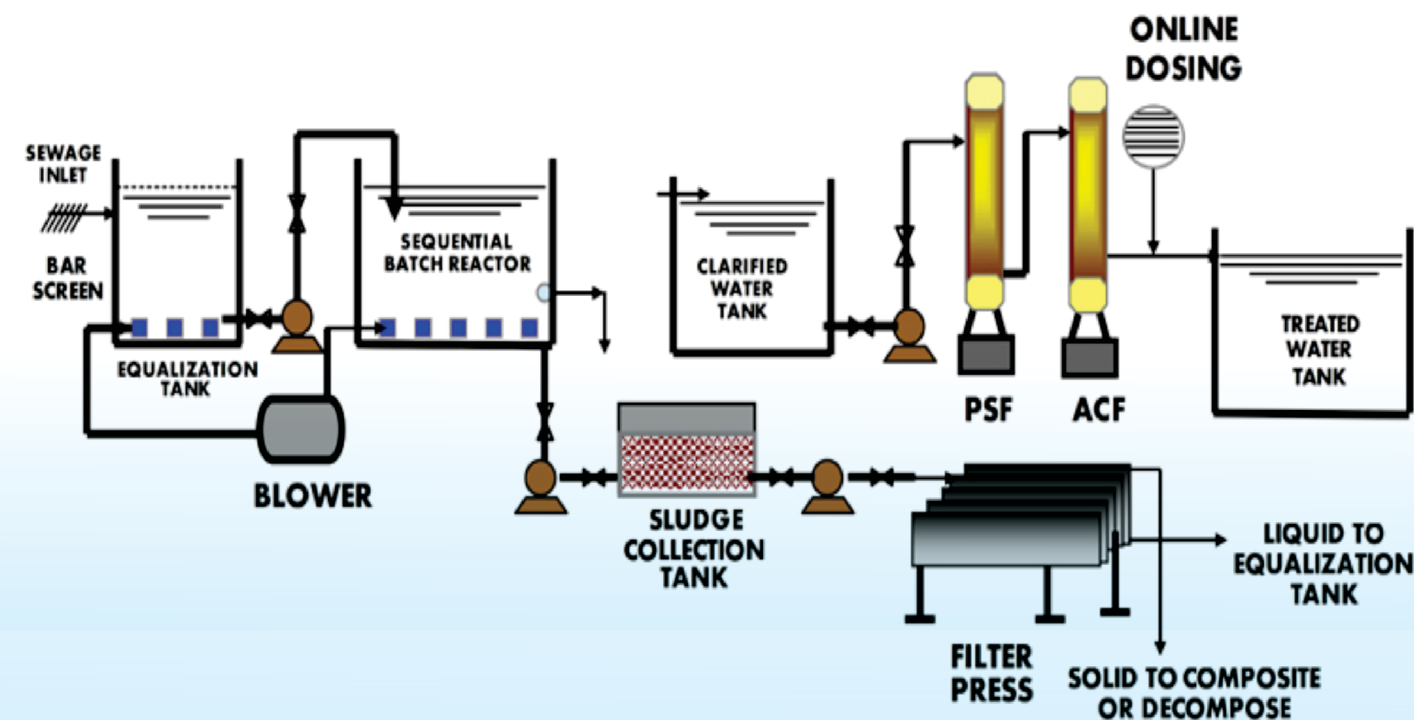
Extended Aeration is a type of activated sludge process with primary settling. It is most commonly used treatment system in small developments and resorts. In an extended aeration (EA) system, sewage is brought into a biological basin where it is degraded by naturally occurring bacteria. After an “extended” period of time, typically 24 hours of detention time, the mixed liquor (ML) is sent to a clarifier where it is allowed to settle. The retention time will be very long in order to generate less sludge. Secondary effluent (SE) is drawn off the clarifier and the settled biomass is returned to the head of the plant.



SEQUENTIAL BATCH REACTOR (SBR)

The sequencing batch reactor (SBR) process is a sequential suspended growth (activated sludge) process in which all major steps occur in the same tank in sequential order. The complete five phases take place in single reactor thus reduces the footprint. SBRs can be designed and operated to enhance removal of nitrogen, phosphorus, and ammonia, in addition to removing TSS and BOD.

FLWSHEET FOR STP WITH SBR



MEMBRANE BIO - REACTOR - (MBR)

Purwat innovative MBR system is a progression of the company's proven sewage treatment technology for handling grey and black waste water. Membranes act as a barrier to bacteria and suspended solids to produce a low turbidity treatment plant effluent with very low bacteria counts.

