

INTRODUCTION

PRATHAM ENVIROTECH SOLUTIONS is a company with competence in the field of Water, Waste Water technology managed by a group of leading water professionals, technologists and engineers, the company has a vision of being a single point resource for products, technologies and services for the water & waste water treatment industry.

Utilizing the latest technology, applying proven engineering processes and leveraging from a strong resources; PRATHAM ENVIROTECH SOLUTIONS provides a wealth of experience and expertise to the water treatment and waste water treatment.

As an independent water specialist with all India network coverage we meet all of your needs and offer consistent quality, timely deliveries and dependable custom-tailor service for your complete water & waste water treatment requirements.

We offer you total water and waste water solutions through our core capabilities which includes

WATER TREATMENT SOLUTIONS

- FILTRATION PLANTS.
- REVERSE OSMOSSIS PLANTS.
- ULTRAFILTRATION PLANTS.
- DIMERALIZATION PLANTS.
- SOFTENING PLANTS.
- OZONATORS.
- ULTRAVOILET STERLIZERS.
- WATER MANAGEMENT CONSULTANCY.

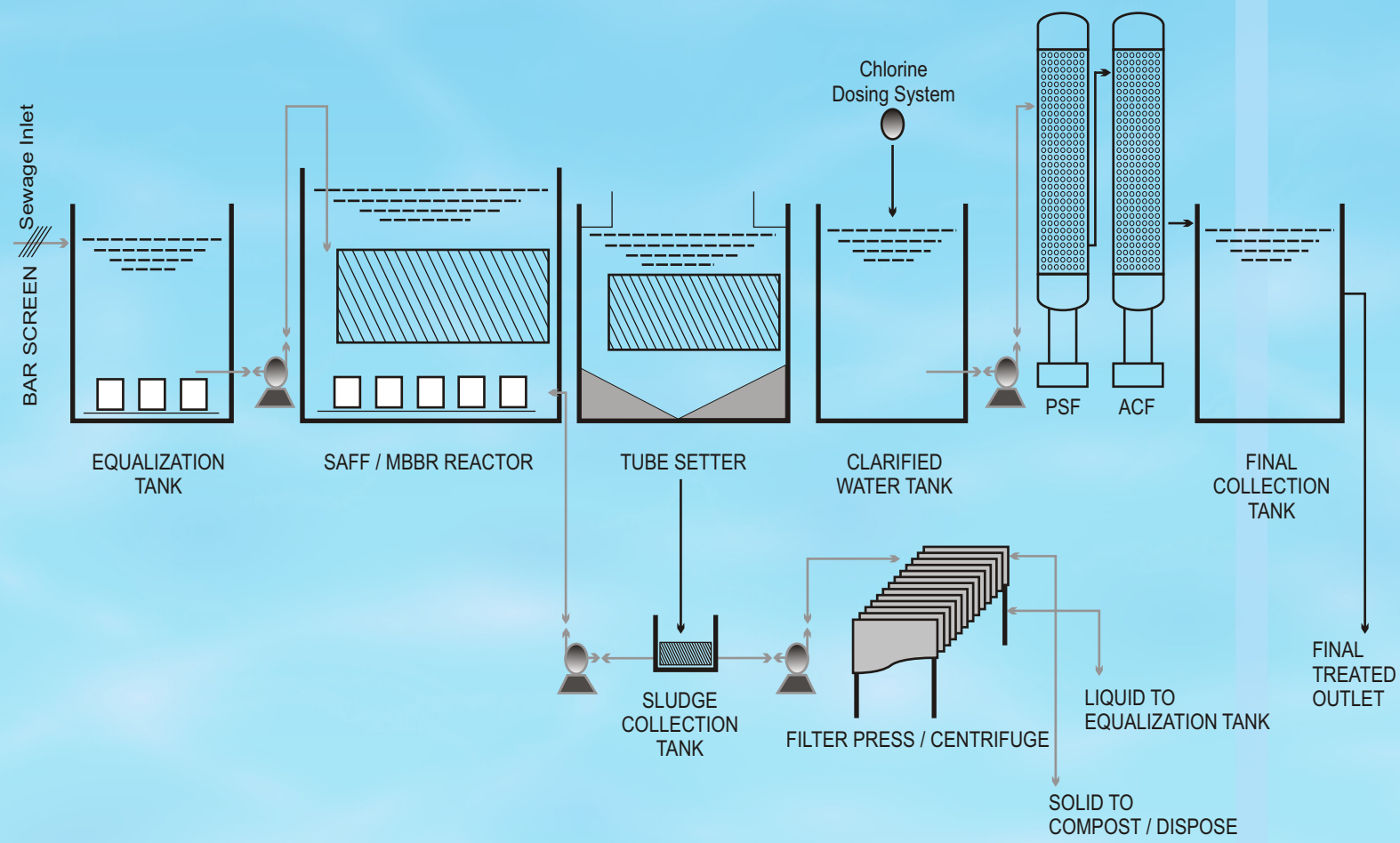


WASTE WATER TREATMENT SOLUTIONS

- SEWAGE TREATMENT PLANTS.
- EFFLUENT TREATMENT PLANTS.
- LIASONING WORK.
- WASTE WATER MANAGEMENT CONSULTANCY.
- OPERATION MAINTENANCE AND ANNUAL MAINTENANCE CONTRACT.



Flow Sheet For STP With SAFF / MBBR System



ORGANIC WASTE CONVERTOR (Manual)

Mechanical Composting is the controlled decomposition of organic matter.

Rather than allowing nature to take its slow course, a composter provides an optimal environment in which decomposers can thrive. To encourage the most active microbes, a compost needs the correct mix of the following ingredients:

- Carbon, Nitrogen (from composting materials)
- Oxygen (from the air)
- Water




MECHANICAL COMPOSTING STEPS

- Crushing
- Maceration of waste
- Mixing
- Ripening
- Emptying
- Curing & fogging
- Composting



























PRATHAM  
ENVIROTECH SOLUTIONS


WATER AND WASTE WATER  
TREATMENT SOLUTION

PRATHAM ENVIROTECH SOLUTIONS offers partnering solutions to its valuable customers .  
The relationship between our partners and us are based on quality, value and trustworthy services.

OUR ESTEEMED CUSTOMERS

 <p><b>Mylan</b> MYLAN LABORATORIES LTD</p>	 <p><b>Pidilite</b> PIDILITE INDUSTRIES LTD</p>	 <p><b>GroupSatellite</b> SATELLITE GROUP</p>	 <p><b>EKTA World</b> EKTA WORLD</p>
 <p><b>DS</b> DANJI SHAMJI GROUP</p>	 <p><b>A+A</b> ANA DESIGNS PVT LTD</p>	 <p><b>Team One Architects</b> (India) Pvt. Ltd. TEAM ONE ARCHITECTS</p>	 <p><b>PARADISE GROUP</b> Your World. Our Vision. PRADISE GROUP</p>
 <p><b>ESKAY RESORTS</b> ESKAY RESORTS PVT LTD</p>	 <p><b>Powerweave</b> CREATING VALUE POWERWEAVE SOFTWARE SOLUTIONS</p>	 <p><b>OPTIONS</b> OPTIONS DEVELOPERS</p>	 <p><b>SKYLINE GROUP</b> SKYLINE GROUP</p>
 <p><b>Prarthana Group of Companies</b> Builders &amp; Developers PRARTHANA GROUP</p>	 <p><b>RAYCON</b> RAYCON INFRASTRUCTURE PVT LTD</p>	 <p><b>A&amp;O REALTY</b> ASHAPURA OPTIONS DEVELOPERS</p>	 <p><b>HOTEL METROPOL</b> HOTEL METROPOL</p>
 <p><b>AHUJA CONSTRUCTIONS</b> The art of extraordinary living. AHUJA CONSTRUCTIONS</p>	 <p><b>ORION</b> ORION MALL</p>	 <p><b>IBB WORLDWIDE</b> BETTER LIVING BY DESIGN BBJ WORLDWIDE</p>	 <p><b>ARYAN HOUSING</b> ARYAN HOUSING</p>

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Water and Waste Water Treatment Solution

**ORGANIC WASTE CONVERTOR (Automatic)**

**Working Principle:**  
Composting is a natural aerobic process performed by composting cultures.

AUTO composter uses “In Vessel Composting Technology”. It provides favorable conditions of food, water, temperature and mixing for these composting cultures. These micro organisms thrive in these favourable conditions.

Heat generated during their activity is preserved by providing insulation. The increased temperature kills pathogens and also accelerates the composting process.

**Processing Technology**

- The process of composting with AUTO COMPOSTER is very simple Deposit organic waste at inlet of the machine along with 10% carbonaceous material and 0.1 % composting culture.
- Mixing, curing is automatically done by the machine.
- Compost keeps collecting in a bag at the rear of the machine.
- Remove the compost bag when it is full and attach another bag.

