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INTRODUCTION ABOUT COMPANY



JRMS
Packaged Sewage Treatment Plant

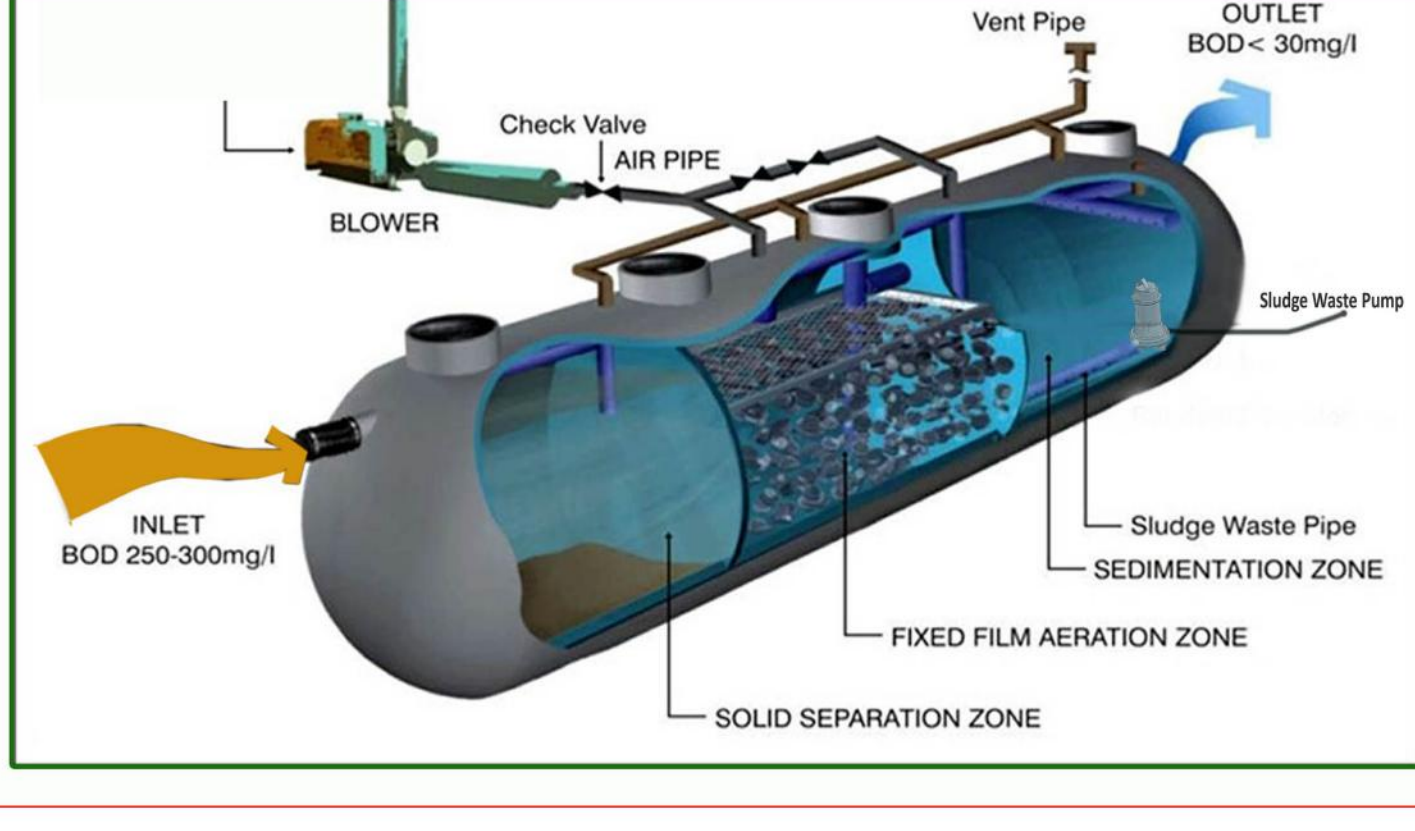
Typical Application :

- * National, Provincial and State Parks
- * Residential
- * Housing Projects
- * Hotel
- * Hospital
- * Institutions
- * Commercial Complex
- * Factories / Construction Sites

Advantages:

- * Eco Friendly
- * Rust Proof & Non Corrosive
- * Light Weight
- * Durable Maintain For Traffic Load
- * Leak Proof
- * FRP Filament Wound Process
- * Corrosion Protection
- * Massive BOD/COD Reduction
- * Easy To Install Above Ground & Underground

Packaged Sewage Treatment Plant Typical Process Flow



Packaged Sewage Treatment Plant Process

Operation Process

*** 1. Solid Separation Zone :**

First stage transforms the influent solids to settled solids while allowing scum to float on the surface it is a primary sedimentation zone in which settled sludge is stabilized by anaerobic digestion. the treatment efficiency of the chamber is in the range of 30% BOD removal.

*** 2. Aeration Zone:**

Second stage is the aerobic zone along with fab media inside the tank which in turn increases the surface area and retain micro organism long enough to digest the organic substance. clear water overflows to the next treatment chamber. Air is provided through blowers and higher contacting time with the slime on the fab media facilitates efficient digestion. BOD removal is around 60%

*** 3. Final sedimentation Zone :**

Final stage involves the sedimentation where organic wastes are settled in the sedimentation zone. the settled waste in the bottom of the tank is pumped back to the solid separation zone as a return sludge having active biomass MLSS to increase the efficiency of the system and to ensure that the effluent quality meets the stipulated PCB standards.

Packaged Sewage Treatment Plant installation



Our Clients

Residential project

- * Orbit Tower
- * Ambuja Realty
- * Vedic Realty
- * Multycon Construction Pvt. Ltd.

Industrial

- * Lafarge
- * Raymond
- * Godrej Agrovet

Govt. /institution

- * P.W.D.
- * P.H.E.
- * F.D.D.I.

Manufacturing & Quality Assurance

Global Presence



JRMS ENGINEERING WORKS

West Treatment Plant Manufacturer
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