



INTRODUCTION ABOUT COMPANY

Packaged Sewage Treatment Plant

Typical Application: * National, Provincial and State Parks

- * Residential

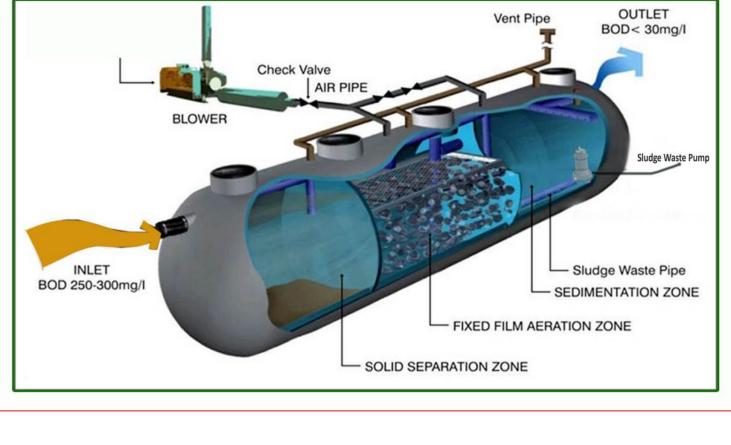
JRMS

- * Housing Projects
- * Hotel
- * Hospital * Institutions
- * Commersial 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



Operation Process * 1. Solid Separation Zone: First stage transforms the iffluent solids to settled solids while allowing scum to float on the surface it is a primary

Packaged Sewage Treatment Plant Process

sedimentation zone in which settled sludge is stabilized by anaerobic digestion.

* 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 pnough 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 officient digestion. BOD removal is around 60%

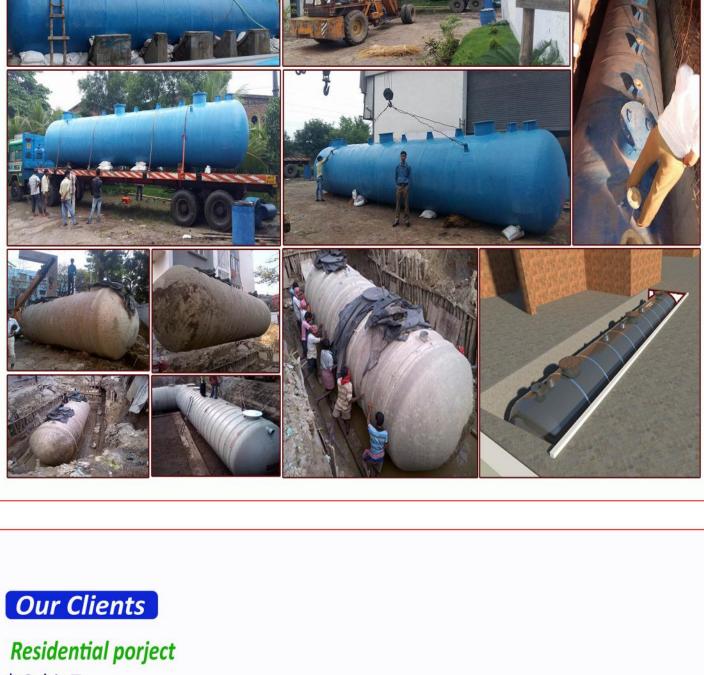
the treatment efficiency of the chamber is in the range of 30% BOD removal.

the settled waste in the bottom of the tank is pumped back to the solidseparation zone as a return sludge having active biomass MLSS to increase the efficiency of the system and

* 3. Final sedimentation Zone:

to ensure that the effluent quality meets tha stipulated PCB standards. Packaged Sewage Treatment Plant installation

Final stage involves the sedimentation where organic wastes are settled in the sedimentation zone.



* 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 Asswrance

Global Presence



IRMS ENGINEERING WORKS

West Water Treatment Plant Manufacturer AN ISO 9001:2008 CERTIFIED ORGANISATION Registered / Factory Office: Nutanhat, Danga Kazi Para,

P.o.: Bonhoogly, P.s.: Sonarpur, Kolkata- 700 103,

Office: +91 033-2428 9033 / +91 9830090898 / Mobile: +91 9831909156, E-mail: info@jrmsengineeringworks.com