

Sewage Treatment Projects & Equipments



GTS PROJECTS

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Toilet wastewater (known as Black water) and Canteen wastewater, Hand washing, Bathroom and Laundry wastewaters (known as Grey water) are generally called Sewage. This has to be treated to remove the Organic matter and Suspended matters present prior to discharge to the environment or Reuse/Recycling.

GTS Projects offers Sewage Treatment Plants in various ranges of capacities with Efficient Unit Processes and Cutting Edge Technologies.



Primary treatment involves Screening of course particle, Homogenization and Primary Sedimentation. Aerobic Treatments either Conventional Activated sludge process or Attached growth contact process (MBBR) and Membrane Bio Reactor (MBR) opted for reduction of Organic Matters (BOD,COD). Treated

water shall be reused once undergone disinfection and Pressure sand filtration. Tertiary treatment involves Ultra filtration and Reverse Osmosis System.

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Our Features

- **O**ne stop shop for all water/wastewater treatment and recycling
- **P**ipe and fitting as per IS,ASME,BS standards
- **P**umps,Blowers, Motors and Instruments from Reputed manufacturers
- **U**nderground/Above ground level STPs will be selected Based on customer's requirements
- **T**he STP Systems are accommodated with suitable Sludge Dewatering Equipments like Filter Press or Centrifuge
- **W**ell designed Engineered Completely Pre Fabricated STP units available for small capacities and quick installation
- **W**e undertake O&M Contracts
- **M**obile STP units (Truck mounted) are available with us
- **W**e provided continuous back hand service after installation
- **A**ssured Best Treated water Quality

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PARAMETERS	Sewage	Secondary Treated Sewage Water	Tertiary Treated Sewage Water	Treated Sewage Discharge Limits
PH	6.0-8.0	6.5-8.0	7.0-7.5	5.5-9.0
Total Suspended Solids (mg/lit)	200-500	<10	< 2	100
Total Dissolved Solids (mg/lit)	200 – 600	200 – 600	< 100	
Biological Oxygen Demand (mg/lit)	150-200	< 30	< 2	30
Chemical Oxygen Demand (mg/lit)	500-700	< 100	< 10	250
Oil& Grease (mg/lit)	20-40	Nil	Nil	10

Plant capacity in M ³ /day	Space required L x B x H (in M)
5.0 (Pre Fab Unit)	6.0 x 1.5 x 1.5
10.0 (Pre Fab Unit)	6.0 x 1.8 x 1.8
25.0	8.0 x 3.0 x 3.0
50.0	14.0 x 7.0 x 3.0
100.0	15.0 x 7.0 x 3.0
200.0	18.0 x 7.0 x 3.0
300.0	20.0 x 7.0 x 3.0
Medium / Higher capacity STP	Custom build



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Engineering for sustainable environment...

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