

SEWAGE TREATMENT PLANT

Domestic Waste water Management System of any city consist of collection, Treatment and disposal. In conventional Centralized Sewage Treatment System, about 80% of total cost is accounted for collection of sewage. The volume of sewage becomes very large and distance of conveyance, as these treatment plants are generally located outside of the cities is very long. In Decentralized Treatment Scheme, a balance between the advantages of large scale treatment in terms of economics of scale and individual responsibility for domestic waste water treatment system can be obtained by providing colony wise / sector-wise treatment system. Responsibility of construction as well as operation and maintenance may be taken up collectively by the residential colonies, builders and developers. Keeping all in mind we design compact plant based on Fluidized aerobic reactor. Aerobic biological treatment is performed in the presence of oxygen by aerobic microorganisms (principally bacteria) that metabolize the organic matter in the waste water, thereby producing more micro organisms and inorganic end-products (principally CO₂, NH₃, and H₂O). Several aerobic biological processes are used for secondary treatment differing primarily in the manner in which oxygen is supplied to the microorganisms and in the rate at which organisms metabolize the organic matter.

Its objective is to produce an environmentally — safe fluid waste stream and a solid waste suitable for disposal or reuse usually as farm fertilizer. Sn Aqua highlights the advantages of decentralized local units for treatment of Communal Waster Water / Sewage especially in area where developing urbanization has to integrate with the environment. Our experts use these precision engineered, Sewage Treatment Plant to meet the demands of our clients and provide the best services.

APPLICATIONS:

- ✚ Hotels
- ✚ Hospitals
- ✚ Holidays
- ✚ Golf Clubs
- ✚ Housing Complexes
- ✚ National Parks
- ✚ Shopping Malls
- ✚ Educational Institution
- ✚ Industrial Commercial Complex



SN_Aqua System Inc.

Corporate Office: 14/2, Radheypuri Ext.2, Near Vespa Showroom, Jagatpuri, Delhi-110051,
Tel: +91-8447737932, **Email:** info@snaqua.org, **Website:** www.snaqua.org