

Decentralized wastewater treatment system at Oasis resort, City Pune, Maharashtra, India

Oasis resort had an already existing treatment system. Due to its inefficiency in treatment; constructing an efficient treatment system was the client's requirement. The present treatment system has been designed in accordance with the basic structure of the earlier treatment system.

A decentralized wastewater treatment system has been designed for approximately 1000 users which include permanent residential staff members and floating population of customers. The treatment system consists of i) Oil and grease trap; ii) Settler; iii) Anaerobic Baffle Reactor; iv) Anaerobic up-flow filter. The wastewater from all the sections of the resort will get treated in the system; get collected in a collection chamber and the treated wastewater will be reused for irrigation purposes in the resort premises only.

This is an on-going project. Reuse aspects, reuse potential and other details can be stated after project commencement.