

**UNDER GROUND SEWERAGE SCHEME TO POLLACHI MUNICIPALITY IN
COIMBATORE DISTRICT**

Pollachi Municipality was established in 1920 and it had been upgraded to special grade in 1983. Pollachi Municipality is second largest town in Coimbatore district. The extent of Pollachi Municipality is 13.87 Sq.Km and it includes 36 wards.

The population of Pollachi Municipality as per 2011 census is 90180. Presently water supply scheme is functioning having Aliyar river as source with a per capita rate of 135 LPCD and it is under the maintenance of Pollachi Municipality.

As 80% of supplied water is being discharged as supernatant from the houses, the Pollachi municipality and surrounding areas become polluted. Because of this, mosquito breeding and allied bacteria's getting developed which leads to unhygienic problems to public.

The population of Pollachi Municipality as per 2015 base year is 92370, intermediate population as per 2030 is 100,360 and Ultimate population as per 2045 is 108,468. According to this population, sewage generation will be 11.25mld and 12.00mld for intermediate and ultimate stages respectively.

As per the topography, the Pollachi Municipality is divided into five zones for sewage collection system and through 15 lift stations and 3 pumping stations the sewage will be pumped to STP which is located in the Cattle market in which the collected sewage will be treated. The technology adopted in this STP is SBR (Sequencing batch reactor) and special feature of this SBR technology is the components can be accommodated in very lesser area in the STP site.

In this project sewer pipes ranging from 200mm to 600mm dia will be used for sewage collection for a total length of 165 Km with 7907 no of Manholes. The total Number of House service connections to be effected will be 20000 Nos.

The Administrative sanction for providing UGSS to Pollachi Municipality is accorded vide GO Ms. No. 561 / MA & WS (MA3) Dept / Dated 24.12.2014 for Rs. 109.62 Crores and the scheme will be executed by TWAD Board. The tender has been accepted at third call on 13.4.2016 and work order has been issued to the contractor 13.10.2016.

The period of execution for this scheme is 24 months and trial run period is 6 months. After this period, the contractor has to maintain this scheme for 5 years. The Project will be completed on 12/2019.

After completion of this project, Pollachi Municipality will become hygienic as well clean city and people will be totally free from all sort of health hazards. The population benefitted in this project is 92369.

Executive Engineer
TWAD Board
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