



Project at a Glance:

SPML Infra has designed and constructed the 70 MLD sewage treatment plant in Nashik to provide treatment and safe disposal of wastewater produced by residential colonies and commercial and institutional establishments of Nashik city having a population of more than a million. This involves collection, primary treatment and biological treatment to make it safe for disposal. Collection of digested sludge and digested sludge dewatering system along with common chemical preparation and dosing facilities for gas production that will be utilized in biogas engines.

The treatment plant is based on the activated sludge process with chlorination of the treated sewage before discharging in to the river Godavari to maintain the water level of the river during the famous Kumbh Mela. A programmable logic controller (PLC), a digital computer is used for automation of electromechanical processes for the first time in Nasik. A variable-frequency drive (VFD) system is used for controlling the rotational speed of an AC electric motor by controlling the frequency of the electrical power supplied to the motor. Gas flare is used to eliminate waste gas which is otherwise was not feasible.

Client: Nashik Municipal Corporation, Maharashtra

Scope of work: Design, construction, supply, erection, testing, commissioning

70 MLD Sewage Treatment Plant

70 MLD Sewage Pumping Station

2 Gas Holders of 11 x 5 M3

Gas Flow Meter of 4800 M3/Day

Operation & Maintenance for 5 years



PROJECT AT A GLANCE



SPML Infra is a leading infrastructure development company of India. With over three decades of experience, SPML has executed almost 600 turnkey projects and created significant value for our country that have touched the lives of millions of people; be it provision of drinking water, improved sewerage facilities, better municipal waste management, building roads and highways and lighting up homes. An ISO-9001:2008 certified company, SPML's project management systems include design engineering & implementation with SAP-Enterprise Resource Planning and Quality Management Systems to undertake projects of any magnitude.



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