

# 240 MLD Sewage Treatment Plant, Ahmedabad



## PROJECT AT A GLANCE

Project at a glance: SPML Infra has designed and constructed the 240 MLD sewage treatment plant in Ahmedabad to provide treatment and safe disposal system for wastewater produced. The sewage treatment plant is built in 4 modules of 60 MLD each with each module having its own primary & secondary treatment section plus sludge thickening and digestion facilities. Common facilities exist for disinfection of biologically treated water, biogas collection & flaring, supernatant/filtrate collection & recirculation system, collection of digested sludge and digested sludge dewatering system along with common chemical preparation and dosing facilities. The treated discharge BOD & COD recorded by the STP is 14.1 mg/l & 61 mg/l as against influent levels of 91.6 mg/l and 271 mg/l respectively.

The project has ensured the desired level of treatment as per the GPCB standards. The collection has improved to 100% and treatment is also 100%. SCADA system is expected to reduce human errors and man power. The methane gas generated will be used for power generation. Revenue generation from sludge and gas will make the plant self-sustainable. This also reduces the impact of pollutants.

**Client: Ahmedabad Urban Development Authority (AUDA), Ahmedabad, Gujarat**

**Scope of the project: Engineering, procurement, construction and commissioning of**

- Sewage Treatment Plant of 240 MLD capacity (4 x 60 MLD)
- Mechanical & Electrical equipment, Instrumentation including Civil Works
- Operation & Maintenance for 3 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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