

Project Note

Mumbai has a drainage system, which in many places, are more than 100 years old, consisting of 2,000 km of open drains, 440 km of closed drains, 186 outfalls and more than 30,000 water entrances. The capacity of most of the drains is around 25 mm of rain per hour during low tide, which is exceeded routinely during the monsoon season in Mumbai, which witness more than 1400 mm during June and July. The drain system works with the aid of gravity, with no pumping stations to speed up the drainage. Most of the storm water drains are also choked due to the dumping of garbage by citizens. Portions of Mumbai in western suburbs remain below sea level. Reclamation of ponds and obstructions in drains due to cables and gas pipe exacerbate the problem.

Municipal Corporation of Greater Mumbai (MCGM) has proposed to construct a Storm Water Pumping Station on SNTD Nalla at Gazdarbandh in village Khardanda of Santacruz, Mumbai (W) as a part of Brihan Mumbai Storm Water Disposal System (BRIMSTOWAD).

The location of this Pumping Station is proposed on land allotted by Collector - Mumbai Suburban District to MCGM. The Storm Water Pumping Station would be constructed on edge of the SNTD Nalla in Gazdarbandh area of village Khardanda in Santacruz (W), Mumbai.

Justification:

The project will be implemented as per BRIMSTOWAD report. The project is to enhance the functioning of the existing storm water drainage system. So the project location has to be near the Sea and at the end of the nallah. This is done with considering the technical requirements and environmental site specific conditions as well.

As a result of this, there are no alternatives to this project site.

This project will improve the drainage system in Western Suburbs and water flooding, water stagnation in monsoon will be reduced.

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