

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

**Mumbai Sewage Disposal Project**

Ch.E/ 3665 /MSDP date 30 NOV 2015

Office of the Chief Engineer,  
Mumbai Sewage Disposal Project,  
2nd Floor, Engineering Hub Building,  
Dr.E.Moses.Road, Near Worli Naka,  
Worli Mumbai 400018  
Tel.No: 24958001/ 2495 8101

To,  
The Collector,  
Mumbai Suburban District, 10<sup>th</sup> Floor,  
New Administrative Building,  
Government Colony, Bandra (E),  
Mumbai - 400051.

11/12 लिपिक  
जिल्हाधिकारी  
मुंबई उपनगर जिल्हा

**Subject : Forest Clearance Proposal of Proposed Construction of Priority Sewer Tunnels at Village - Malad, District - Mumbai Suburban, by Municipal Corporation of Greater Mumbai.**

Sir,

The waste water at Malad is presently being discharged into the Malad Creek after preliminary treatment, therefore, the water quality at Malad creek is highly polluted, hence MCGM has proposed to undertake the work of construction of Sewage Treatment Plant and influent as well as effluent Pumping Station at Village - Malwani, District - Mumbai, to treat the sewage effluent before discharging into the Arabian Sea through outfall at Erangal to maintain healthy environment.

The Malad Creek, at the north of Mumbai is environmentally worst affected area as the waste water from Malad & Versova service zones is discharged into Malad Creek. It also receives waste from non point source through creek lets & nallas. The creek is very shallow & narrow along its whole length & has very limited flushing & assimilative capacity. Malad Waste Water Treatment Facility (WWTF) has existing preliminary treatment facility & discharges the sewage into Malad Creek. Now, we are proposing to have additional treatment facilities (primary & secondary) using the small footprint with ASP at Malad. Treatment works at Malad are mandatory to improve the quality of water in Malad Creek.

As per the present scenario in mumbai, disposal of untreated Municipal Sewage into the creeks is deteriorating the water quality. It has created the anoxic conditions of the water environment. It is directly affecting the flora & fauna composition and accelerating ecological imbalance. Mangroves growth stunted because of such polluted water particularly in creek area. The proposed project activities at Malad will improve and enhance the mangrove growth, it will also improve water quality of Malad Creek & help in healing of imbalanced ecology & increase its economic value especially for fishermen.

This will create healthy environment for the mangrove development in the coastal area with clean creek waters and will have positive impacts. Green plants in the mangrove also help in sequestration of CO2 as it is released from vehicular pollution reducing the atmospheric CO2 level. The current situation of mangrove greenery at Malad will be improved with implementation of the project.

The Priority Sewer Tunnel project represents one of the major implementation packages to arise from Mumbai Sewerage Disposal Projects—Stage II Master Plan. The project incorporates refurbishment and rehabilitation of sewage collection system & pumping facilities, significant improvements to wastewater treatment facilities to include secondary treatment and sludge treatment and new outfall to convey treated wastewater to the sea. It is proposed to construct priority sewer tunnel which will collect sewage from existing collector sewers by interconnecting the manholes together with screening arrangements where practicable.

The Priority Sewer Tunnel Project consist of two separate tunneled sections a common downstream inlet at proposed Malad IPS. These two sections will be implemented in two phases

Thus, Municipal Corporation of Greater Mumbai has proposed to construct underground tunnels from Don Bosco School Borivali to proposed Malad Sewerage Treatment Plant Malwani known as Priority Sewage Tunnel – Phase I and underground sewer tunnel from Goregaon Pumping Station near Oshiwara Depot to proposed Malad Sewage Treatment Plant, Malawni known as Priority Sewer Tunnel – Phase II to convey the sewage from nearby areas towards proposed Malad Sewage Treatment plant.

The alignment has been proposed in such a way to utilize minimum mangrove area and there is no alternative to the proposed alignment. It is to be mentioned that as the priority sewer tunnel is underground tunnel activity partly passing below the area under protected forest at a depth of 16 to 18 m it does not entail actual cutting of mangroves for construction of tunnel.

The Forest Clearance Proposal for seeking prior approval of Central Government under Forest (Conservation) Act, 1980 is already submitted online on the portal of the Ministry of Environment Forests & Climate Change on 2.10.2015 and further revised application submitted on line on 14.11.2015

Find enclosed herewith, the hard copy of the above uploaded forest clearance proposal.

We humbly request you to process the proposal, so that further transmission for obtaining necessary approval may be initiated.

Yours Faithfully,



(Mr. S. N. Shinde)

Executive Engineer,

Municipal Corporation of Greater Mumbai,

Office of Chief Engineer,

Mumbai Sewage Disposal Project,

2nd floor, Engineering Hub Building,

Dr.E Moses Road, Near Worli Naka,

Worli, Mumbai – 400 018.

Date : 26.11.2015

Place : Mumbai

Enclosed: Forest Clearance Proposal

**MUNICIPAL CORPORATION OF GREATER MUMBAI**

**Mumbai Sewage Disposal Project**

Ch.E/3664 /MSDP date 130 NOV 2015

Office of the Chief Engineer,  
Mumbai Sewage Disposal Project,  
2nd Floor, Engineering Hub Building,  
Dr.E.Moses.Road, Near Worli Naka,  
Worli Mumbai 400018  
Tel.No: 24958001/ 2495 8101

To,  
Divisional Forest Officer,  
Mumbai Mangrove Conservation Unit,  
SRA Building, A Wing, 2<sup>nd</sup> Floor,  
Behind HDIL Tower,  
Anant Kanekar Marg, Bandra (East)  
Mumbai-400051.

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9/11/2015  
विभागीय तंत्र प्रमुख  
नॉर्ड