



**MUNICIPAL CORPORATION
OF GREATER MUMBAI**

**EVERY STEP
TOWARDS A
SMART
MUMBAI CITY**



Municipal Corporation of Greater Mumbai

MUMBAI CITY

**Non-stop 142 years of
Civic Service - amenities...!**

Municipal Corporation : Founded in year 1873

Health and Medical Services



Dispensaries :

- 13 New Dispensaries will be commissioned during 2015-16.

Maternity Homes :

- Development of 5 Sentinel Centres & upgradation of 6 Maternity Homes to enhance the services provided in Maternity Homes.

Tuberculosis control :

- Diagnosis service like LPA (Line Probe Assay) commissioned in Sewree T.B. Hospital under Mumbai Health Mission, so that controlling and reducing DRBT disease in coming few years is ensured.

Dialysis Services :

- 67 dialysis beds commissioned under public / private partnership. 100 more patient beds at reasonable rates to be commissioned in year 2015-16. Great relief for patients needing dialysis.

Suburban Hospitals :

- Fourth Medical College of Mumbai Municipal Corporation will be commissioned at Dr. Cooper Hospital in year 2015 - 16.
- 106 additional beds commissioned in 2013 - 14 at Bharatratna Dr. Babasaheb Ambedkar Centenary Hospital (Kandivali), Dr. Cooper Hospital (Vileparle) and Hinduhrday Samrat Balasaheb Thackeray Trauma Center (Jogeshwari).
- Plan to add 500 beds for middle class in coming 3 years.

IV Mumbai Middle Vaitarna Project

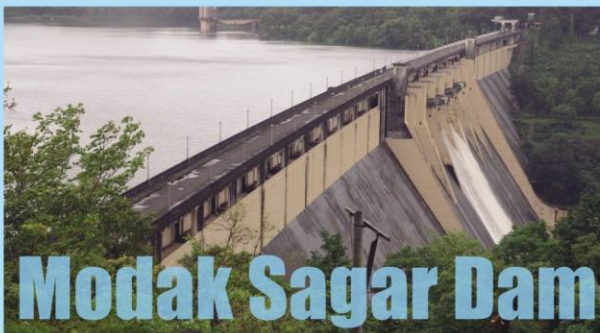
CHALLENGE

From Source to Distribution



1. Middle Vaitarna Dam

- Ninth Fastest Dam in World
- Height of dam 105 m above river be
- The second tallest in Maharashtra.
- It is built with mix of cement & fly ash
- Volume of RCC Dam 1.2 M Cum
- Catchments area 123.4 sq.km
- Gross storage 202.10Mm³
- Dead storage 8.57 Mm³
- Total live storage 193.53 Mm³



2. Modak Sagar Bell Nallah Tunnel

- Intake shaft at Modaksagar lake Hexagonal shape, with 7m side, 100m deep
- Three inlet tunnels from Modaksagar lake - D - Shaped, 2.6m, radially distributed in plan and vertically staggered at 10m apart, at 156m, 146m and 136m THD levels
- Tunnel from Modaksagar to Bell nallah, approx. 7 km long, 4.1 m Dia.



3. Pipe line Aghai to Gundavali

- Pipe line-- 3.0m dia. --36.40 Km. Long
- Aghai to Jamboli - 13.3 Km.
- Jamboli to Chinchavali -15.5 Km.
- Pogaon to Gundavali -- 7.6 Km.



4. 900 MLD Water Treatment Plant

- Water treatment plant, with waste water recycle for existing as well as new WTP.
- State-of-the-art technology of Pulsatube.
- Efficient three phase treatment process
- Extremely low water losses, less than 1.5% from the entire plant.
- Fully automatic plant with SCADA controls.

5. 900 MLD Pumping Station

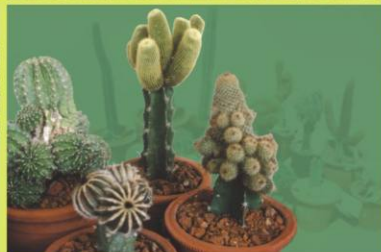
- Discharge capacity of pumping station - 900 mld
- Size 90 m. long *30 m. wide* 18m.height
- 6 main pumps of 247.5 mld capacity and 2 trimmer pumps of 82.5 mld Capacity
- The pumps will be horizontal split case centrifugal pumps with power requirement of 640 kw and 220 kw for each type of pump.



6. 130 ML MasterBalancing Tank

- Capacity 130 ML
- Area of MBR 29500 Sq.m.

Gardens and Playgrounds

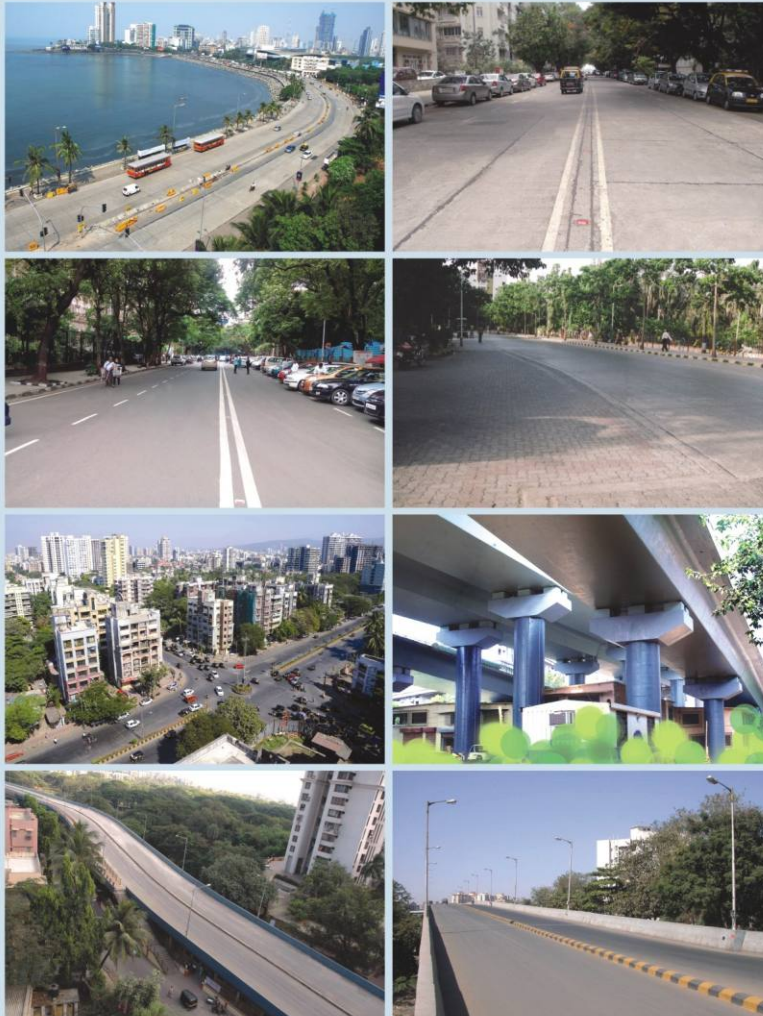


Planned programmes for Gardens and Sports Grounds :

- For the first time independent garden cell has been created for undertaking development and beautification of Gardens/Sports Grounds/Entertainment Garden plots.
- Bonsai Garden.
- Cactus Garden.
- Rose Garden.
- 'Amslers Greed' Garden.
- Tree planting on various hills.
- Conception and construction of gardens on salty lands.
- Beautification of Lake Gardens.



Roads and Bridges



Featured provisions to maintain roads in Mumbai in good condition :

- For the first time plan for three-years up to year 2015-16 for roads in Mumbai is ready, accordingly improvement of 1239 km. of roads is proposed in next 3 years, expected cost for which is around Rs. 7774 crores.

- Proposed Goregaon-Mulund East-West connecting four lane road.
- Proposed coastal road detailed project report process begins.

Bridges :

- Programme for resurfacing of 17 bridges has been undertaken.
- Jogeshwari North-South Flyover to be commissioned shortly.



Smart City Initiative by MCGM



Community Participation Initiative ALM for Apartments & SMPA for Slum Area



Segregation at source



House to house collection



Dry waste collection & vehicle



Composting



Palletization



Bio-gas



Closer & extraction of methane gas at gorai



Beach cleaning



Debris on call



VTS & RFID
Vehicle & Bin Tracking System



Mechanical sweeping



Biomedical waste collection

