

5. Actions Proposed by NMMC for Environmental Projects

NMMC works in pro-active mode for addressing environmental management issues in NMMC area. Various actions initiated by NMMC are as follows:

- Continuous air quality monitoring station is being set up at the premises of Turbhe bus depot. This station would monitor SPM, RPM, SO₂, NO_x, CO, H₂S, and Ammonia. MPCB would be providing 50 % of the capital cost whereas Maharashtra Government and NMMC would share remaining cost equally. This station would be operated on BOT basis and would be transferred to NMMC after three years. The station is likely to be commissioned in November 2002.
- Under the National Ambient Air Quality Monitoring programme of CPCB setting up of air quality monitoring stations is under consideration at ward office in Vashi and dog centre in Koparkhairane.
- NMMC is considering the proposal of an agency which may agree to enter in to agreement with NMMC and BARC to propose a demonstration plant of 10 TPD of Municipal Solid Waste on the basis of Technology developed by BARC. The agencies have offered to install the mechanical equipment as per advice of BARC and operate it. NMMC will have to give necessary land and infrastructure facilities. Methane gas generated will be used by nearby consumers and residual organic matter will be used as manure by NMMC.
- NMMC has under taken studies to earmark CRZ area near Koparkhairne STP by entrusting the job to Rolta India to demarcate at CRZ area on the basis of Satellite Imagery and toposheets and CRZ

rules. The solid waste processing and treatment facilities can be taken up at a suitable location in compliance of CRZ rules at Koparkhairne.

- As a part of Navi Mumbai beautification scheme, NMMC proposes to display signage system comprising direction boards, node plans, and sector plans. For finalization of locations for this street furniture and designs through survey and submission of report to NMMC, an agency is proposed to be appointed.
- As per the directives of Housing department of Government of Maharashtra dated July 11, 2001, NMMC has started survey of slums. There are 49 slums with 41349 hutments in NMMC area on Government/CIDCO/MIDC lands. Details of these are as follows:

	No. of slums	No. Hutments
Govt. land	3	7805
CIDCO	19	8099
MIDC	27	25445

It has been decided to issue identity cards to slum dwellers that are staying in slums prior to January 1, 1995.

- NMMC is developing 25 gardens including 4 theme gardens. Experts in the subject as also landscape architectures are being consulted for preparation of development plan and budget estimate for gardens. In garden in sector 15 of Vashi, aromatic flowering trees have been planted.
- Status of Arunkumar Vaidya is proposed to be installed in gardens of sector 10 of Vashi. Similarly waterfall is proposed to be installed in

garden at Nerul Zone. In sector 11, Rainbow fountain is proposed to be developed.

- There are 25 traffic intersections in NMMC area. Out of these 14 traffic intersections have been given to private organizations for beautification and maintenance. Remaining intersections are proposed to be handed over to the private organizations, soon.