

## **IMPLEMENTATION OF MUNICIPAL SOLID WASTE (M&H) RULES ,2000**

Maharashtra pollution control Board has established in 1970 & effectively implementing various Environmental legislations. The Board have established its working profile through infrastructures by setting up 11 Regional Offices , 41 Sub Regional offices , one Central Laboratory along with 06 regional laboratories. The total technical & scientific staff strength of Board is -----.

In the State of Maharashtra, there are 250 No. of local Bodies (Metro cities, Corporations, 'A', 'B' & 'C' class Councils, Cantonment Boards & Nagar Panchayats ). The detail breakup of ULBs is as :- Corporations – 22; 'A' class Councils – 18; 'B' & 'C' class Councils – 203; Cantonment Boards – 03 & Nagar Panchayats – 04.

Out of 250 ULBs, MPC Board have issued Authorization to 246 ULBs and Applications of 02 ULBs have been refused by the Board due to RRZ/CRZ notification . The applications of 02 ULBs are under process of issuance of Authorization. Total quantum of Municipal Solid waste generation in the state of Maharashtra is 20567.96 MT/Day. The detail break up of waste quantum generation in the state of Maharashtra is as below:

- ❖ % waste generation in the Corporation area - 64.66 % (13299 MT/D),
- ❖ % waste generation in the 'A', class Municipal Councils - 25.88% (5322.46 MT/D);
- ❖ % waste generation in the 'B' & 'C', class Municipal Councils - 9.46% (1946.50 MT/D)

### **CONSTRAINTS / DIFFICULTIES IN IMPLEMENTATION :**

- 1] Non availability of suitable land and handing over of the same to concerned local bodies.
- 2] Lack of technical awareness among personnel's with respect to waste processing technologies, Selection of proper waste processing technology with respect to waste quantum generation , development of landfill sites.
- 3] The local bodies in coastal area are facing the difficulties in identification of suitable land due to CRZ notifications .
- 4] The locational policy of State Government in respect of notified Rivers ( RRZ Policy) doesn't allow for such type of activity.
- 5] Non availability of sufficient funds with local bodies.
- 6] Lack of public awareness/participation.
- 7] Negligent / reluctant personnel's with ULB's.
- 8] Inadequate manpower with the Board for implementation and compliance verification with MSW Rules.

Considering the above constraints , The Board in consultation with AILLSG have prepared check list for identification of suitable waste processing & disposal sites to facilitate the implementation of Rules. The copy of the checklist is enclosed herewith. The State Govt. has formed District level committee in every District under the Chairmanship of District Collector for identification/selection of landfill and waste processing sites. The Committee comprises of 10 members of various concerned department. The District level Committee while identifying the suitable location for landfill sites and waste processing site, the care is taken that the site should be away from habitation clusters, forest, water bodies, monuments, wet lands and places of important cultural, historical and religious aspect. The major difficulties in identifications of sites are coastal regulation zone and their nearness to water bodies. MPC Board has carried out Ambient Air Quality Monitoring within vicinity of waste processing facility and ground water monitoring at few places. So far no local bodies have installed incineration facility till date.

**INITIATIVE/ STEPS TAKEN BY THE MPC BOARD :**

- 1] The Board in consultation with AILLSG prepared check list for identification of waste processing & disposal sites to facilities the effective implementation of the Rules.
- 2] The State Govt. has formed District level committee in every District under the Chairmanship of District Collector for identification/selection of landfill and waste processing sites. The Committee comprises of 10 members of various concerned department. The District level Committee while identifying the suitable location for landfill sites and waste processing site, the care is taken that the site should be away from habitation clusters, forest, water bodies, monuments, wet lands and places of important cultural, historical and religious aspect.
- 3] To speed up the process of grant of Authorization , MPC Board has delegated the power to respective RO's for grant of Authorization in respect of 'B' & 'C' class ULBs.
- 4] For effective implementation of these Rules, Board has requested Divisional Commissioner by D.O.letters. .The coordination meeting of all the divisional commissioners was called & were made aware regarding the need of urgency in effective implementation of the Rules& the compliance of the directives of Hon'ble Apex Court.

- 5] The coordination meetings were organized by the Board along with Principal Secretary, UD, Director, Municipal Administration Maharashtra State, Sr. Adviser All India Institute of Local self Government, Andheri
- 6] The Board instructed Regional & Sub Regional Officers of the Board to take the work on war footing & directed to sit with local body personnel to guide them & to collect the duly filled form I & II . It was directed to expedite matter on top priority to meet the directives of Hon'ble Apex Court.
- 7] The response of ULB for pursuance towards the compliance was not encouraging. So show cause notices, Directions U/s 5 of EP Act , 1986 were issued to defaulting local bodies.
- 8] In case on nonavailability of suitable land , The administrative approvals were issued subject to District Level Committee & it was directed to report compliance along with time bound programme within three months.
- 9] The Board has extended financial assistance to five local bodies for setting up model/demo projects which will guide ULB as a road map for development of MSW projects. The work of these projects is under progress & the work of Demo projects will complete by March 2005.
- 10] For preparation of model tender documents with regards to implementation of MSW projects, MPC Board in constitution with Sr. Adviser, All India Institute Of Local Self Government and Director of Municipal Administration, Maharashtra State have decided and assigned work to M/s.CRISIL . The prepared document by CRISIL will be help full to all ULBs for setting up waste treatment and disposal facility having different configuration in terms of waste generations and processing technologies.
- 11] The Board have taken initiate for development of Holy places in Maharashtra namely Bhima shankar , Alandi, & Shani shingnapur

As results of devotion of MPCB officials, Out of 250 ULBs , MPC Board have issued Authorization to 246 ULBs and Applications of 02 ULBs have been refused by the Board due to RRZ/CRZ notification . The applications of 02 ULBs are under process of issuance of Authorization. Most of the local bodies have submitted their proposals for solid waste treatment and disposals by the mode of composting . The Bio-medical waste and industrial waste generated in the area of local bodies are not allowed to mix with MSW and such waste are disposed off separately in accordance with provisions made under BMW(Management & Handling) Rules, 1998 and Hazardous waste (Management & Handling) Rules, 2003.

In compliance with Schedule-II, littering of MSW have been prohibited by all Urban local bodies. In most of the cases, local bodies has organized H-H collection of MSW by using Ghanta gaddies, collection bins. The waste from slaughter houses , meat & fish markets , fruit & vegetable market , which are biodegradable in nature are disposed by composting or vermi-composting. The segregation of MSW generally carried out by the mode of source segregation or in the transportation vehicle itself by the workers or in some cases, at waste disposal processing facility by ragpickars. The recyclable waste find its route for recovery/recycling. The inert material, construction debris are being disposed by land filling/leveling.

**APPRECIATION OF MPCB BY HON'BLE SUPREME COURT FOR EFFECTIVE IMPLEMENTATION OF MSW(M & H)RULES**

- ❖ In the matter of Municipal Solid Waste Rules Writ Petition No. 888 of 1996, Almitra Patel and others versus Union of India and others, Maharashtra State has filed affidavit on dtd. 17<sup>th</sup> Sept. 2004. During the Court proceeding dtd. 4<sup>th</sup> Oct. 2004, Hon'ble Supreme Court appreciated the efforts taken by Maharashtra Government and State Pollution Control Board for effective implementation of the above Rules.
- ❖ The Hon'ble Court directed the SPCB's to take review of efforts taken by MPCB for implementation of MSW.
- ❖ The Principal secretary , Urban development & sanitation, GOM, appreciated the work of officers of MPCB for the implementation of the Rules & compliance of Hon'ble supreme Cort orders.

-----