

**IMPLEMENTATION OF MUNICIPAL SOLID WASTE
(MANAGEMENT AND HANDLING) RULES, 2000 - IN KARNATAKA:**

The Municipal solid waste (Management & Handling) Rules,2000 has been enacted under the Environment(Protection) Act,1986 vide notification No.S.O.908(E) of MoEF, New Delhi, dtd.25/09/2000.

The said Rules prescribe the responsibility of various agencies under section (4), (5), (6) & (7). The responsibility of the State Board under section 6 (3) is to issue authorisation (means consent as per definition) to the Municipal authority or an operator of the facility stipulating compliance criteria and the standards.

Rule (4) - Stipulates Responsibility of Municipal authority;

- (1) "Every Municipal authority shall, within the territorial area of the municipality, be responsible for the implementation of the provisions of these rules, and for any infrastructure development for collection, storage, segregation, transportation, processing and disposal of municipal solid waste".

Rule (5)- Stipulates Responsibility of the State Government and Union Territory Administrations;

- (1)"The Secretary -in charge of the department of Urban Development of the Concerned State or the Union territory, as the case may be, shall have the overall responsibility for the enforcement of the provisions of these rules in the metropolitan cities.
- (2)"The District Magistrate or the Deputy Commissioner of the Concerned district shall have overall responsibility for the enforcement of the provisions of these Rules within the territorial limits of their jurisdiction".

Rule (6) - Stipulates Responsibility of Central Pollution Control Board and State Pollution Control Board;

- (1) The State Pollution Control Board shall monitor the compliance of the standards regarding ground water, Ambient Air, leachate quality and compost quality including incineration standards as specified under **schedule II, III & IV.**

Rule(7) – Management of municipal solid waste;

- (1) Any municipal solid waste generated in a city or a town, shall be managed and handled in accordance with the compliance criteria and the procedure laid down in **schedule-II.**
- (2) The waste processing and disposal facilities to be set up by the municipal authority on their own or through an operator of a facility shall meet the specifications and standards as specified in **schedules III & IV.**

The Status of Municipal Solid Waste Management in Karnataka;

The total numbers of Local bodies (LBs) in Karnataka are as follows;

- Local bodies - 218
- BBMP - 01
- 219**

Local bodies' details are as follows;

- ❖ City Corporations - 07*
 - ❖ City Municipal Council - 44
 - ❖ Town Municipal Council - 94
 - ❖ Taluk Panchayats - 68
 - ❖ Notified Area Committee(NAC) - 05*
- (*1. Gokak Falls, 2.Kudremukha,
3. Pachanaday , 4.Jappinamogaru
& 5.Bheemaranagudi)

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- * Viz., 1.Davanagere, 2.Mysore, 3. Mangalore, 4.Belgaum, 5.Hubli-Dharwad,
6. Bellary & 7. Gulbarga.

Status of Landfill Sites and its implementation in Karnataka - As per Directorate of Municipal Administration;

| | |
|-------------------------------------|-------------------|
| Landfill site in Possession | - 207 |
| Urban Local Bodies (Joint venture) | - 03 |
| Land fill site yet to be identified | - 03 |
| Viz., Kumuta, Dandalli & Shirgov | |
| Basic Infrastructure provided | - 180 |
| No. of Landfill Commissioned | - 08 |
| Pit method of disposal | - 148 |
| Door to Door collection started | - 205 (Partially) |
| Segregation Started | - 82 |
| Windrow platform for composting | - 70 |

Status of Landfill Sites and its implementation in Karnataka – As per Karnataka State Pollution Control Board;

- No. of Local bodies who have identified Landfill Site - 212
- No. of Local bodies who have taken possession of land - 198
- No. of Local bodies started processing/land filling activity - 134

STATUS OF EXISTING MUNICIPAL SOLID WASTE SITES IN BBMP

AREA;

| Sl. No. | Name of the processing units/ landfill sites | Processing capacity/ land filling quantity |
|---------|---|---|
| 1. | Mandur North Sy. No. 155, Bidarahallihobli, Bangalore East Taluk (34.10 acres) | land used only for dumping |
| 2 | Mandur South Sy. No. 155, Bidarahallihobli, | 1000 TPD of integrated MSW processing plant (composting, RDF, |

| | | |
|---|--|---|
| | Bangalore East Taluk being operated by M/s. Srinivasa Gayithri Resource Recovery Ltd., (135 acres) | Vermi composting, brick manufacturing & 8MW power production) |
| 3 | Mavallipuram Sy. No. 08, HesaragattaHobli, MahavahalliPura, Bangalore north operated by M/s. Ramky Enviro Engineers Ltd., (100 acres) | 1000 TPD MSW processing plant for composting-(300t), waste to energy-(12MW)& landfilling |
| 4 | Sy. No. 143, Kubalgudu village, Kengerihobli, Bangalore south taluk, Bangalore urban district-Rajarajeshwarinagar, disposal site. (11 acres) | 750MTPD using M/s. Hanjer Bio-technology system. The plant is yet to be commissioned |
| 5 | M/s. KCDC (Karnataka Compost Development Corporation Ltd.), Sy. No. 39, 40, Haralakunta village, Madiwalla post, Bangalore (15 acres, 10 guntas) | 75 to 100 TPD using fresh segregated organic waste from BBMP for vermi composting. 200TPD for processing existing old dump waste of 1,65,000Tons Bio-fertilizer and granulated organic manure (Agri gold) of 3000MTPM |
| 6 | Terra firma Biotechnology ltd., Sy. No. 40/1, 16/P11, of GundallaHalli Village, DoddaballavananaHobli, DoddaballapuraTaluk. (93 acres) | 1000 TPD for integrated municipal solid waste viz., RDF, composting, vermi composting, Bio-methanization6MW power |
| 7 | Cheemsandra Site | Landfill site without any processing activity. Activity stopped. |
| 8 | Anjenapura site | Landfill site without any processing activity. Activity stopped. |
| 9 | S- Bingepura Site (20 acres) | Landfill site for dry waste dumping site |