

COIMBATORE CITY MUNICIPAL CORPORATION
SOLID WASTE MANAGEMENT BY-LAWS, 2010
(DRAFT)

In exercise of the powers conferred under section 3, 6 and 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government have enacted the Municipal Solid Wastes (Management and Handling) Rules, 2000 to regulate the Management and handling of the Municipal Solid Wastes. This Municipal Solid Wastes (Management and Handling) Rules, 2000 shall apply to every municipal authority which shall, within their territorial area 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 wastes. Further it shall be the responsibility of the generator of wastes to co-operate with the municipal authority concerned to avoid littering and ensure delivery of segregated wastes in accordance with the collection and segregation system as notified in the Municipal Solid Waste (Management and Handling) Rules, 2000.

In accordance with the Coimbatore City Municipal Corporation Act (Tamil Nadu Act XXV/1981) sections 119, 120, 226,227, 228, 229, 230, 231, 232, 233, 233, 234, 235, 265, 430, 431, 432, 433, 434, 435, 436, 438, 439, 440 and their subsequent revisions in the sub-sections thereof and in order to ensure effective solid waste management in the Coimbatore city, the Coimbatore City Municipal Corporation Solid Waste Management By-Laws, 2010 are framed.

SOLID WASTE MANAGEMENT BY-LAWS OF THE COIMBATORE CITY MUNICIPAL CORPORATION, COIMBATORE FRAMED UNDER SECTION 432 OF TAMIL NADU ACT 25 OF 1981

- 1.0 Title:** This shall be called as the Coimbatore City Municipal Corporation Solid Waste Management By-Laws, 2010.
- 2.0 Extent of application:** This by-law applies to every public place within the limits of Coimbatore city and to every generator of Municipal Solid Waste and to every premises under the ownership or occupation of any person within the limits of CCMC.
- 3.0 Definition:** In this by-law and the Schedule attached thereto, the words and expressions used but not defined shall have the meanings respectively assigned to them in the

Coimbatore City Municipal Corporation Act (Tamil Nadu Act XXV/1981), unless the context otherwise requires. The following words shall have the meaning herein defined i.e.,

1. "Agency" means any person/entity appointed or authorized by the CCMC to act on its behalf, based on an agreement between the Agency and the CCMC for discharge of duties or function such as sweeping of streets, collection of waste, collection of user charges, etc.,
2. "Assistant Commissioner" means the Assistant Commissioner of the concerned ward offices of the CCMC.
3. "Bio-degradable waste" means the waste that is commonly found in the MSW. It is also called as "Wet Waste". The Biodegradable waste is a type of waste, typically originating from plant or animal sources, which may be degraded by other living organisms. These include Vegetable waste, Food waste, Garden waste, coconut shells, wood pieces, nails, hair, Egg shells, bones & flesh, used cotton, paper, etc. Other bio-degradable wastes include human waste, animal waste, sewage, slaughter house waste, etc.
4. "Bio-medical waste" means any waste, which is generated during the diagnosis, treatment or immunization of human beings or animals or in research activities pertaining thereto or in the production or testing of biological, and including categories mentioned in Schedule IV;
5. "Bulk garden and Horticultural waste" means bulk waste from parks, gardens, traffic islands etc. These include grass clippings, annual weeds, woody 'brown' carbon-rich material such as pruning, branches, twigs, wood chipping, straw or dead leaves and tree trimmings, which cannot be accommodated in the daily collection system for bio-degradable waste;
6. "Bio-methanation" means a process, which involves the enzymatic decomposition of organic matter by microbial action to product methane rich biogas;
7. "Bulk generator" means the owner, occupier or any other person representing owners and occupiers of any housing society / housing complexes, restaurants; hotels, markets, industrial estates and shopping complexes / malls and includes any government or public office building, or other users such as clubs, gymkhanas, "marriage halls", recreation/ entertainment complexes or any other source/premises

- that are specifically identified and notified by the Assistant Commissioner of the concerned ward office to be so.
8. "CCMC" means the Coimbatore City Municipal Corporation a Municipal Corporation established under the Coimbatore City Municipal Corporation Act, 1981(Tamil Nadu Act XXV/1981).
 9. "Commissioner" means the Municipal Commissioner of the CCMC and where the context requires, any or any officer of the CCMC who is vested or delegated with the relevant powers of the Municipal Commissioner under the CCMC Act (Tamil Nadu Act XXV/1981) or any other law;
 10. "Clean Area" means the public place in front and all around or adjacent to any premises extending to the kerb side and including the drain, foot path and kerb.
 11. "Collection" means lifting and removal of MSW from fixed collection points or any other location;
 12. "Collection at source" means the collection of MSW directly from within the premises of any building or common premises of a group of buildings. This is also referred to as "house-to -house collection" or "door-to-door collection";
 13. "Community waste storage bin" means any storage facility set up and maintained by the CCMC or collectively by owners and or/occupiers of one or more premises for storage of MSW in a segregated manner in the roadside/premises of any one of such owners/occupiers or in their common premises,
 14. "Composting" means a controlled process involving microbial decomposition of organic matter; it also includes vermi-composting, which is a process of using earthworms for conversion of biodegradable waste into compost;
 15. "C&D waste" means Construction & Demolition waste (Debris) that are non-hazardous in nature generated out of building materials, debris and rubble resulting from repairing, construction, reconstruction operations;
 16. "Containerised Hand Cart" means the hand cart provided by the CCMC or the agency/agent appointed by the CCMC for point-to-point collection of MSW;
 17. "Delivery" means handing over any category of MSW to the CCMC worker or any other person appointed, authorized or licensed by the CCMC for taking delivery of such waste or depositing it in any vehicle provided by the CCMC or by any other authorized agency or licensed by the CCMC to do so;

18. "e-waste" means the waste that contain personal computers, telephones, MP3 players, audio equipment, televisions, calculators, GPS automotive electronics, digital cameras and players and recorders using video media such as DVDs, VCRs or camcorders.
19. "familiarization/warning period" means that specific period as provided in Schedule-I during which there is a relaxation in the fines for contravention of these byelaws;
20. "Generator of waste" means any person who generates MSW within the limits of the CCMC;
21. "HHW" means the household hazardous wastes which include common household chemicals and substances for which the owner no longer has a use. These substances exhibit many of the same dangerous characteristics as fully regulated hazardous waste due to their potential for reactivity, ignitability, corrosivity, toxicity and persistence. Examples include drain cleaners, oil paint, motor oil, antifreeze, fuel, poisons, pesticides, herbicides and rodenticides, fluorescent lamps, lamp ballasts, smoke detectors, medical waste, some types of cleaning chemicals, batteries, shoe polish, cosmetics, etc.
22. "Hazardous waste" means any waste which by reason of any of its physical, chemical, reactive, toxic, causing danger or is likely to cause danger to health or environment, whether alone or when in contact with other wastes or substances and shall include wastes specifically listed in Schedule III, of these by-laws and all other hazardous wastes as defined in the Hazardous Wastes (Management and Handling) Rules, 1989 (as amended to date).
23. "House-gully" means a passage or strip of land, constructed, set apart or utilized for the purpose of serving as or carrying a drain or affording access to the latrine, urinal, cesspool or other receptacle for filling or other polluted matter by persons employed in the clearing thereof or in the removal of such matter there from.
24. "Inerts" means any solid waste or remnant of processing whose physical, chemical and biological properties make it suitable for sanitary land filling;
25. "Litter" means all refuse and include any other waste material which, if thrown or deposited as prohibited under these by-laws, tends to create uncleanliness or a danger or nuisance to public health, safety or welfare.

26. "Littering" means putting litter in such a location that it falls, descends, blows, is washed, percolates or otherwise escapes or is likely to fall, descend blow, be washed, percolate or otherwise escape into or onto any public place, or causing, permitting or allowing litter to fall, descend, blow, washed, percolate or otherwise escape into or onto any public place.
27. (a) "MSW" means the Municipal Solid Waste. It is also called urban solid waste, which includes predominantly household waste (domestic waste) with sometimes the addition of commercial wastes collected by a municipality within a given area. These are either in solid or in semisolid form and exclude industrial hazardous wastes.
(b) Sullage water means the waste water from household sinks showers and baths, but not waste liquid or excreta from toilets.
28. "Non-bio degradable waste" means the wastes that cannot be broken down by other living organisms.
29. "neighbourhood" means a clearly defined locality, with reference to its physical layout, character or inhabitants;
30. "new construction" means all buildings constructed by the public within the limits of the CCMC;
31. "Nuisance" includes any act, omission, place or thing which comes or is likely to cause injury, danger, annoyance or offence to the sense of sight, smelling or hearing or which is or may be dangerous to life or injurious to health or property.
32. "Nuisance Detectors" (NDs) means those employees of the CCMC who are appointed by the Commissioner to detect the acts of Public nuisance, etc.,
33. "occupier / occupant" includes any person who for the time being is in occupation of, or otherwise using, any land or building or part thereof, for any purpose whatsoever;
34. "owner" means any person who exercises the rights of an owner of any building, or land or part thereof;
35. "Public place" includes any road, arch road, viaduct, lane, footway, alley or passage, highway, causeway, bridge, square alley or passage whether a thoroughfare or not over which the public have a right of passage, and such places to which the public has access such as parks, gardens, recreation grounds,

- playgrounds, beaches, water bodies, water courses, public plazas and promenades, government and municipal buildings, public hospitals, markets, slaughter houses, courts, etc.;
36. "point to point collection" means the system of collection of MSW from specific pick-up points as designated by the CCMC, up to which the generator must bring the collected and stored waste for delivery to a Containerised Hand Cart or any other vehicle so appointed by the CCMC;
 37. "Premises" includes buildings, tenements in a building, house, outhouse, stable, shed, hut, and any other structure whether of masonry, brick, mud, wood, metal or any other material whatsoever and lands of any tenure whether open or enclosed whether built upon or not being used for the time being for purposes of residence, trade, industry, service, business, government or any other public or private purpose including marriages, banquets, meetings, exhibitions, organized events, etc. It also includes any portion of a public road that is permitted by the Commissioner to be used for the time being for parking of vehicles, street vending, storage of materials at a work site or for any public or private purpose whatsoever other than the movement of trucks;
 38. "person" means any person or persons and shall include any shop or establishment or firm or company or association or body of individuals whether incorporated or not and their agents;
 39. "Processing" means any scientific process by which the MSW is treated in a plant for processing for the purpose of recycling (or) making Manure (or) making it suitable for Sanitary Landfill;
 40. "Project Engineer" means the Engineer who is in-charge of the Solid Waste Management Department of the CCMC;
 41. "Recyclable Waste" means the waste that is commonly found in the MSW. It is also called as "Dry Waste". These include many kinds of glass, paper, metal, plastic, textiles, electronics goods, etc.
 42. (a) "Receptacle" means any storage container, including bins and bags, used for the storage of any category of MSW;
(b) "Spittoon" Means a metal or earthenware pot typically having a funnel-shaped top, used for spitting into.

43. "Recycling" means the process of transforming segregated non-biodegradable solid waste into raw materials for producing new products, which may or may not be similar to the original products;
44. "Refuse" means any waste matter generated out of different activities, processes either Bio-degradable/ Non-biodegradable/ recyclable in nature in either solid or semi-solid form which can not be consumed, used or processed by the generator in its existing form.
45. "Source" mean the premises in which the waste is generated or a community storage centre used by owners / occupiers of one or more premises for segregated storage of MSW;
46. "Segregation" means separation of the MSW into the specified groups of bio-degradable, non-biodegradable, hazardous, bio-medical, construction and demolition, bulk garden and horticultural, paper, glass and all other inert waste;
47. "Storage" means the temporary containment of MSW in a manner so as to prevent littering, attraction to vectors, stray animals and excessive foul odour;
48. "Stabilised biodegradable waste" means the biologically stabilized (free of pathogens) waste resulting from the mechanical/ biological treatment of biodegradable waste; only when stabilised can such waste be used with no further restrictions;
49. "Sanitation" means the promotion of hygiene and the prevention of disease and other consequences of ill health relating to environmental factors.
50. "Sanitary worker" means a person employed by the CCMC/agency for collecting or removing MSW or cleansing the drains in the CCMC areas.
51. "Sanitary Landfill Facility" means a waste disposal site for the deposit of residual solid waste in a facility designed with protective measures against pollution of ground water, surface water and air fugitive dust, wind-blown litter, bad odour, fire hazard, bird menace, pests or rodents, green house gas emissions, slope instability and erosion;
52. "Schedule" means a schedule appended to this by-laws;
53. "Transportation" means conveyance of MSW from one place to another place;
54. "User Charges for SWM services" means fees or charges notified by the CCMC from time-to-time for collection, transport and disposal of MSW from different

categories of waste generators. It includes "Trade refuse charges" as made applicable to various categories of licensees;

55. "Vacant Plot" means any Land or open space belonging to a private party/person that is not occupied by them/him

56. "Ward office" means the office of an administrative ward which is administered by the Assistant Commissioner of the CCMC;

4.0 Prohibition of littering, and other nuisances and ensuring "Clean Area"

4.1 *Littering in any public place:* No person shall throw or deposit litter in any public place except in authorized public or private litter receptacles.

4.2 *Littering on any private property:* No person shall throw or deposit litter on any occupied, open or vacant private property, whether or not occupied by such person, except in authorized private or public receptacles.

4.3 *Litter-throwing from vehicles:* No person, whether a driver or passenger in a vehicle, shall throw or deposit litter upon any street, road, sidewalk, playground, garden traffic island or other public place.

4.4 *Litter from carrying vehicles:* No person shall drive or move any truck or other vehicle unless such vehicle is so constructed and loaded as to prevent any load, contents or litter from being blown off or deposited upon any road, sidewalks, traffic island, playground, garden or other public place.

4.5 *Creating Public Nuisance:* No person shall bathe, spit, urinate, defecate, feed animals/birds, repair/wash vehicles, wash/clean utensils or any other object or keep any type of storage in any public place except in such public facilities or convenience specifically provided for any of these purposes.

4.6 *Ensuring "Clean Area" :* Every person shall ensure that any public place in front of or adjacent to any premises owned or occupied by him including the footpath and open drain/gutter and kerb is free of any waste, either in solid or liquid form.

5.0 Segregation, storage, delivery and collection of MSW:

5.1 *Segregation of waste into six specified groups:* Every generator of MSW shall store waste in an unmixed form or separate the waste at the source of waste generation into the following six categories:

- 1) Bio-degradable (wet) Waste
- 2) Household Hazardous Waste

- 3) Non-biodegradable waste
- 4) Construction and Demolition waste
- 5) Bulk garden and horticulture waste including recyclable tree trimmings.
- 6) All other Non-biodegradable (dry) waste including recyclable and non-recyclable waste.

Proviso: The Commissioner may separately notify different stages for implementation of this rule by initially limiting these above categories taking into account the level of awareness among the generators of waste as well as availability of infrastructural support in the city.

5.2 *Delivery of segregated waste:* At the multi-storied Building/community level/ Co-Operative Society, as well as at the point of collection-at-source or the point of delivery, waste shall be kept unmixed / segregated and stored and delivered in the above specified groups. If the waste delivered is found to be mixed, this will be considered a breach of the Byelaws, and a fine will be applied as per the Schedule of Fines. Repeated breach may also result in continuous fining.

Proviso: The Commissioner may separately notify from time to time the mandatory colour coding and other specifications of receptacles prescribed for storage and delivery of different types of solid waste to enable safe and easy collection without any manual handling or spillage of waste, which generators of different types of solid waste shall have to adhere to.

5.3 *Bio-degradable waste:* Segregated Bio-degradable Municipal Solid Waste (as per the illustrative list in Schedule II) if not composted by the generator, shall be stored by generators of such waste within their premises and its delivery shall be ensured by every such generator to the Containerised Hand carts or to the bio-degradable waste collection vehicle provided for specified commercial generators of bulk bio-degradable waste or to the designated biodegradable waste storage centers from where CCMC shall collect such waste daily at such times as the concerned Assistant Commissioner may notify from time to time.

5.4 *Composting by all generators:* With a view towards achieving the larger objective of reducing the cost of transportation of waste, local composting of waste shall be promoted.

- 5.5 *Specified Household Hazardous Waste:* (as listed in Schedule III) shall be stored and delivered by every generator of waste to the collection vehicle which shall be provided weekly/periodically by CCMC or any other Agency authorized by the Tamil Nadu Pollution Control Board (TNPCB) for collection of such waste, or to a center designed for collection of such waste for disposal in a manner that is mandated by the Government of Tamil Nadu or the TNPCB.
- 5.6 *Untreated bio-medical waste* (as listed in Schedule IV) shall be stored in specified type of covered receptacles and delivered by every generator of such waste to the collection vehicle which shall be provided weekly/periodically by CCMC or any other Agency authorized by the TNPCB, or to a center designated for collection of such waste, for disposal in manner that is mandated by TNPCB in accordance with the Bio-Medical Waste (Management & Handling) Rules 1998 (as amended to date).
- 5.7 *Construction and Demolition Waste (C & D waste)* shall be stored and delivered separately as per the Municipal Solid Wastes (Management and Handling) Rules, 2000. These by-laws state that for Category 4 i.e. For Small Generators (at Household level), it will be the responsibility of the generator to store the segregated C&D waste at the source. The generator must then call a local Help-line of CCMC or the Agency of the CCMC, who will then send a vehicle to pick up the segregated C&D waste from the generator, with a specified charge, and further transport this waste to a processing/disposal site, details of which are available in the respective ward offices of CCMC. Non-compliance will attract fines as fixed by the CCMC.
- 5.8 *All other Non-biodegradable ("Dry") waste* – both recyclable and non-recyclable referred to at 5.1 (6) in this by-law shall be stored and delivered by every generator of waste to the dry waste collection vehicle which shall be provided by CCMC or its Agencies at such spots and at such times as may be notified by the concerned Assistant Commissioner from time-to-time for collection of such waste, or to the authorised dry waste sorting centers.
- 5.9 Collection of electronic waste: The CCMC will provide for collection points handing over of electronic waste items generated from the households/establishments/institutions which will be disposed-off either by engaging a suitable agency or otherwise.
- 5.10 Bulk garden and horticulture waste shall be kept un-mixed and composted at source. The Officer in-charge of the Horticulture wing of the CCMC shall notify

instructions/guidelines with regard to pruning of trees and storage and delivery of tree trimmings including collection schedules. Where it is not possible to compost at site, the CCMC will continue to collect and transport segregated garden and horticultural waste by charging suitable fees as notified by it from time to time.

- 5.11 *Community waste storage centers:* Where any type of Municipal Solid Waste is collected by a vehicle of the CCMC/vehicle of the Agency directly from any community waste storage centers whether located in an open space or a closed shed located inside any premises or in a public place, the waste shall be deposited inside separate receptacles to be provided for different types of segregated waste, and not around or in the general vicinity of any such receptacle.
- 5.12 *Burning of waste:* Disposal by burning of any type of solid waste at roadsides, dump sites, or any private or public property is prohibited. (This does not refer to the facilities set up for close and controlled incineration of specific types of waste which are authorised by the TNPCB)

6.0 Obligatory Responsibilities of CCMC

- 6.1 *Infrastructure facilities:* The CCMC will provide adequate infrastructure facilities to assist citizen's compliance with these By-laws. In addition to waste collection services, litter bins, conveniently located community storage centers, dry waste sorting centers, and composting centers will also be set up, wherever possible and essential, in consultation with the community. Adequate community toilets will be provided in slum localities with the participation of local community based organizations to prevent nuisance such as squatting, washing and bathing on public roads.
- 6.2 *Action against Transport Contractors / CCMC Employees:* The CCMC shall take strict and swift action against the agency and/or the CCMC employees, including levying a penalty, if any worker of the agency or any CCMC employee mixes segregated waste at any point of collection; or does not pick up waste as per the specified time schedule
- 6.3 *Citizen Resource Base:* The designated officer of the CCMC will prepare and publish lists of composting experts, licensed scrap dealers, dealers of recyclables, containers/bin manufacturers, agencies with expertise in recycling, etc. who are registered by the CCMC in order to facilitate and support the citizens in recycling the waste. The name and the telephone number of officials and registered persons/organizations who can provide training, guidance and assistance in respect of this process will be made available. The

details will also be made available at the website of CCMC at www.coimbatore-corporation.com.

- 6.4 *User Charges for SWM Services and Trade Refuse Charges:* As per the directions of the Ministry of Urban Development, Government of India, the Coimbatore City Municipal Corporation's Council in Resolution No. 84, Dated 24-09-2007 has resolved that **User Charges** for SWM services be levied and collected from the general public/generators of waste in order to meet out the Operation & Maintenance costs involve to the Solid waste Management programme as per the Schedule of SWM Use Charges (Schedule-V). The CCMC will also rationalise the Trade Refuse Charges applicable to hotels, restaurants, and other generators of waste, so that it is linked to the volume of net waste generated and not to the licence fee charged against any license issued to such a generator of waste. Such information will be available at all the Ward Offices and in the CCMC website.
- 6.5 *Local Bio-degradable waste processing units:* As per convenience CCMC set up small scale organic waste processing units (Community composting or bio-methanation) in public parks, playgrounds, recreation grounds, gardens, markets, large vacant lands owned and maintained by the CCMC or any other public authority or Government department, or will cause such units to be set up by adopting agencies / care takers / contractors / tenants responsible for the maintenance of public spaces or private owners / occupiers of such vacant lands. These will also serve as demonstration models for the local community and will be maintained in such a manner without detrimental to the environment.
- 6.6 *Bio-degradable waste generated in places of worship and funeral ceremony:* The Assistant Commissioner of every ward will him/herself undertake or will authorise interested organizations to collect bio-degradable *wastes such as* flowers, leaves, fruits etc., at certain designated sites near water-bodies such as beaches, lakes, ponds, etc. as notified, in special receptacles or "Community waste storage bins". The collection from such receptacles will then be composted at a suitable location, and the receptacles as well as the composting units will be manned specifically for this purpose.
- 6.7 *Point-to-Point waste collection services:* The designated officer shall also provide for the collection of the MSW from specific pick-up points on a public or private road up to which the generator must bring the collected and stored waste for delivery to a Containerised

hand Cart that shall be provided by CCMC. The services of the Containerised hand cart shall be provided by the CCMC for point-to-point collection of waste according to the route plans at such times and at spots as may be notified by the concerned Assistant Commissioners in advance for specified types of waste for different localities.

- 6.8 *Collection at source:* The CCMC shall provide for the collection of MSW at source from within the premises of a building or group of buildings from waste storage receptacles kept on the premises to which CCMC vehicles/Sanitary workers are provided access at such times as may be notified by the concerned Assistant Commissioners.
- 6.9 *Data about waste received at landfill:* CCMC will release publicly, the data about the quantity of each category of waste going to the different landfills and waste processing sites at specified intervals. Such information will be available at the ward offices and in the CCMC's website to ensure transparency.
- 6.10 *Community waste storage centres in public places:* In exceptional cases, where point-to-point collection or collection at source is not possible or has not been started for the time being, the CCMC will provide and maintain community waste storage centres on public roads or other public spaces wherever essential and possible, as determined by the Assistant Commissioner or through an agency, until it becomes possible to make arrangements for collection at source or point-to-point collection by containerised hand carts at the required frequencies. The Segregated waste shall be delivered by the concerned generators to such community waste storage centres, and thereafter collected by the CCMC. These community waste storage centres will be manned by the CCMC or its agencies to ensure compliance of segregation and avoidance of public nuisance and health hazards. Every community waste storage centre shall have at least two separate receptacles for bio-degradable and non-biodegradable waste. Wherever possible, composting will also be carried out at these spots. Details of all such centres including the arrangements and schedules of waste collection from such centres will be available at the ward office and in the CCMC's website. The Assistant Commissioner of respective ward offices will ensure that at no point of time the community bins are overflowing or the refuse is splattered either by rags pickers or stray animals, etc.
- 6.11 All the apartments having more than 12 dwellings shall provide to a separate garbage collection shed/facility within their premises at a common point. It shall be the responsibility of the RWA/occupier/owner of the building to store the waste generated by

them in a segregated manner as specified elsewhere in this by-law. The sanitary worker/agency will collect the waste in segregated manner only from these points.

- 6.12 *Dry waste sorting centers:* In order to regulate and facilitate the sorting of the recyclable and non-recyclable waste the concerned Assistant Commissioners will provide for as many dry waste sorting centers as needed & possible, where dry waste is collected and then sorted. These dry waste sorting centers may be in the CCMC land or land belonging to the Government or other bodies, made available exclusively for this purpose or in the form of sheds or kiosks provided at suitable public places and will be manned/operated by registered co-operative societies of rag pickers/licensed recyclers or any other agencies authorised/appointed by the CCMC. The non-recyclable waste which remains after sorting will be further transported from such sorting centers from time-to-time to the waste transfer stations for further transporting to the processing or disposal facilities. Facilities for purchase and sale of different types of waste at notified prices at such dry waste sorting centres will also be considered and authorised by the concerned Assistant Commissioner. Such centres will be fenced/ screened in such a way that the waste will not be visible to passers by.
- 6.13 *Time schedule and route of collection:* The daily and weekly time schedules and routes of CCMC's collection of different types of MSW such as i) bio-degradable, ii) recyclable and non-recyclable (dry) and iii) household hazardous, will be fixed and notified in advance by the concerned Assistant Commissioners. Details will be available at all ward offices and in the CCMC's website. Similarly, the arrangements for the collection of construction and demolition waste, and garden and horticulture waste will be made available by the CCMC or its authorised agencies to the public as well as to the bulk generators of waste through the Project Engineer, the concerned Officer in-charge or the concerned Assistant Commissioner as the case may be.
- 6.14 *Surprise checks:* The Commissioner, Project Engineer, Assistant Commissioner or any other officer authorised by the Commissioner will conduct surprise checks in various parts of the wards in the corporation limits at any time (day or night) with a view to encourage compliance. Any contravention will attract a fine and any litter found during these checks will be cleared by the CCMC.

- 6.15 *Enforcement Squads in each ward:* The CCMC will appoint Nuisance Detectors and form Enforcement Squad for SWM services. The designated officer will supervise the Nuisance Detectors and Enforcement Squads.
- 6.16 *Publicity:* Citizen Information services The CCMC shall publicize the provision of the Byelaws through the media of Signs, advertisement, leaflets, announcement on radio and televisions, newspapers articles and through any other appropriate means, so that all citizens will have the opportunity to become informed about their legal duties and about CCMC's recycling, refuse & anti-litter services and fines.
- 6.17 *Designated officers and periodic reports:* The Project Engineer and the Assistant Commissioner will designate officers under their control who shall be responsible for implementing the obligatory responsibilities of CCMC specified under these by-laws in accordance with the micro-plans and time schedules for implementation during the financial year. The specific plans and time schedules and achievements against the same along with reasons for short falls, if any, will also be shared publicly by the Project Engineer through the CCMC website.
- 6.18 *Transparency and Public Accessibility:* In order to ensure greater transparency and public accessibility of CCMC, it is necessary to that all such information that CCMC is required to be publicized shall be displayed in the CCMC's website www.ccmc.gov.in
- 6.19 *Co-ordination with Government Bodies:* The CCMC shall co-ordinate with other government agencies and authorities, to ensure compliance of these by-laws within areas under the jurisdiction or control of such bodies.

7.0 Obligatory Responsibilities of CCMC and /or generators of waste in case of some specific categories/situations:

Keeping in mind the particular nature of some situations, the following responsibilities are specifically mandated:

7.1 Slum Adoption

Slum-dwellers stay in shanty structures in unhygienic environment, not by choice but by compelling circumstances as they were thrown out of the formal housing sector, the latter being unaffordable and much beyond their income levels. SWM in slum areas is much more complicated for various reasons. It is imperative to enhance their standard of living and for which an authorized dwelling unit is a first step in the right direction. This, in turn, will bring about a marked improvement in their hygiene and health as well as raise the

level of public hygiene which has fallen to very low ebb. SWM in slum areas is much more complicated for various reasons.

- 7.1.1 The Assistant Commissioners will extend the Slum Adoption Program to the uncovered areas within their wards for Solid Waste Management, wherever qualified Community Based Organisations (CBOs)/non government organisations(NGO's)/voluntary service organisations(VSO's) come forward. If there is no possibility of indentifying CBO's/NGO's/VOS's. The CCMC shall make arrangements for involving self help groups (SHG's) authorised by the District Collector.
- 7.1.2 Where applicable, the CCMC's containerised hand cart will be provided at fixed times to a point outside the slum, for the collection of segregated MSW.
- 7.1.3 In exceptional cases, until the services of a containerised hand cart at required frequencies can be provided at designated spots on a public road or any other public space for the time being, manned community waste storage bins will be maintained by CCMC, where segregated waste will be deposited by the generator, and from where CCMC will collect such waste. The CBO's/NGO's/VSO's participating in the Slum Adoption Program will be involved in the maintenance of such community waste storage centers.
- 7.1.4 Cleanliness drives will be conducted by the CCMC in association with Ward Councilors, Citizens organizations, Government bodies, Corporates, NGO's for the cleanliness of areas inside the slums, from time to time, in association with CBOs participating in the Slum Adoption Program.
- 7.2 *Poultry, Fish and Slaughter Waste (From all areas other than designated slaughter houses and markets)*
 - 7.2.1. Every owner/occupier of any premises other than designated slaughter houses and markets, who generates poultry, fish and slaughter waste as a result of any commercial activity, shall store the same separately in closed, hygienic condition and deliver it at a specified time, on a daily basis to the CCMC's collection vehicle provided for this purpose. Depositing of such waste in any community waste bin is prohibited and will attract fines as indicated in the schedule of Fines.
 - 7.2.2 The Engineering section of CCMC will be responsible for remodelling of such markets to provide maximum hygiene and sanitary conditions.
- 7.3 *Vendor/Hawkers:*

All vendors/hawkers shall keep their bio-degradable and other waste unmixed in containers / bins at the site of vending for the collection of any waste generated by that vending activity. It will be the responsibility of the generator/vendor to deliver this waste duly segregated to the containerised hand cart of the CCMC or to the nearest designated community waste storage bin. Failure to do so will attract fines as per the Schedule of Fines. Each Vendor/hawker will be responsible to maintain 'Clean Area' within their surroundings.

7.4 *House-gullies:*

7.4.1 It will be the responsibility of the owner/occupier of his/their premises with house-gullies to ensure that no waste is dumped in the house-gully, and to segregate and deliver any MSW to the waste collection vehicle which shall be provided by the CCMC/agency at such spots and at such times as may be notified by the CCMC. Failure to do so will attract a fine as per the Schedule of Fines.

7.4.2 Where owners/occupiers of such premises wish to avail of the services of the CCMC for the cleaning of the house gully, they must apply to the concerned Ward Office of the CCMC and pay suitable refuse removal charges as notified by the CCMC from time to time. It will be the responsibility of the owners/occupiers to provide access to the house gully for cleaning purposes.

7.5 *Litter by owned/pet animals:*

It shall be the responsibility of the owner of any pet animal to promptly scoop/clean up any litter created by pet animals on the street or any public place, and take adequate steps for the proper disposal of such waste possibly by their own sewage system. Failure to do so will attract fines as per the Schedule of Fines.

7.6 *Public Gatherings and Events:*

7.6.1 For Public Gatherings and Events, organised in public places for any reason (including for processions, exhibitions, circuses, fairs, political rallies, commercial, religious, socio-cultural events, protests and demonstrations, etc.) where the permission from the Police department and/or from the CCMC is required, it will be the responsibility of the organiser of the event or gathering to ensure the cleanliness of that area as well as all appurtenant areas.

7.6.2 A Refundable Cleanliness Deposit, as may be notified by the CCMC, will be taken from the organiser, by the concerned ward office for the duration of the event. This deposit will

be refunded on the completion of the event after it is noted that the said public place has been restored back to a clean state, and any waste generated as a result of the event has been collected and transported to designated sites. (This deposit will be only for the cleanliness of the public place and does not cover any damage to property.) In case the organisers of the event wishes to avail of the services of the CCMC for the cleaning, collection and transport of waste generated as a result of that event, they must apply to the concerned Assistant Commissioners of the ward office of the CCMC and pay the necessary charges as may be fixed by the Council for this purpose.

7.7 *Receptacles on private property*

Every owner or occupant of private property should provide their own refuse receptacles within his/their premises. The receptacles so provided should be properly covered.

7.8 *Problems of car parkings on streets/roads*

As private cars/other vehicles are parked on public streets or roads over night and also during day time in public commercial area, road sweeping beneath the vehicle cannot be done. In such places, where road/street sweeping is not possible, it will be the responsibility of the car/vehicle owner to get that place cleaned or otherwise pay fine as specified in Schedule I.

7.9 *Other public places*

All the public premises owned/occupied by Government/Semi government, statutory bodies shall be responsible for due implementation of these by-laws within the premises occupied by them. They shall pay the requisite service charges to the CCMC as fixed by the Council.

8.0 *Penalties for contravention of these by-laws*

8.1 On and after the date of commencement of these by-laws, there will be a familiarization/warning period of 30 days, after which, any contravention of these by-laws shall be punishable with fines as per the Schedule of Fines (Schedule I) for every instance of breach of these byelaws. In case the generator of waste is found contravening any of these by-laws next time, the fine amount will be doubled.

8.2 In case of a person or any polluter is not able to pay the fine as mentioned in Schedule-I while contravening any of these by-laws he/she will be prosecuted under the provisions made in City Police Act & District Police Act / Indian Penal Code.

9. *Punishments:*

Any person violating the provisions made in the by-laws (or) any person who is the custodian of a child aged less than 14 years who violates the provisions made in the by-laws will be deemed to be considered for punishment as per rule in force.

10. *Right to Appeal:*

Any person aggrieved or affected by this Coimbatore City Municipal Corporation Solid Waste Management By-Law, 2010 shall have the right to appeal before the Commissioner. This by-law will take effect after the due approval of the Coimbatore City Municipal Corporation Council.

Commissioner
Coimbatore City Municipal Corporation

Schedule-I
Schedule of Fines

Sl. No	By-law No.	Sub-division / Description of By-law	Amount of Fine applicable for breach of By-law
By-law No. 4.1: Prohibition of littering, and other nuisances and ensuring "Clean Area"			
1.	4.1 to 4.4	<i>Littering in any public place, Littering on any private property, Litter-throwing from vehicles, Litter-throwing from Shops/Commercial Establishments.</i>	Rs.500/-
2.	4.5	Spitting	Rs.100/-
3.	<i>Creating Public Nuisance</i>	Bathing	Rs.100/-
4.		Urinating	Rs.100/-
5.		Open Defecating	Rs.100/-
6.		Feeding animals/birds in public places	Rs.500/-
7.		Washing of vehicles	
		(i) Two wheelers	Rs.100/-
		(ii) LMV (Cars, Jeeps, Vans,etc.,)	Rs.500/-
		(iii) HMV (Lorries, Buses, Trailers,etc.,)	Rs.1000/-
8.		Washing utensils/clothes/any other objects	Rs.100/-
9.	4.6 <i>Ensuring "Clean Area"</i>	for owners / occupiers of single premises	Rs.1000/-
By-law No. 5: Segregation, storage, delivery and collection			
10.	5.1 and 5.2	For delivering waste that is not segregated and stored as specified in separate bins:	
		a) individuals	Rs.500/-
		b) Bulk generators	Rs.5000/-
11.	5.3	For not delivering biodegradable waste in a segregated manner as specified	Rs.500/-
12.	5.5	For not delivering specified hazardous waste in a segregated manner as specified	

		a) for individuals	Rs.1000/-
		b) for Bulk generators	Rs.10,000/-
13.	5.6	For not delivering un-treated biomedical waste in a segregated manner as specified	Rs.25,000/-
14.	5.7	For not delivering Construction and Demolition waste in a segregated manner as specified	Rs.25,000/-
15.	5.8	For not delivering “dry” waste in a segregated manner as specified	Rs.500/-
16.	5.9	For not delivering garden waste and tree trimmings as specified	Rs.1000/-
17.	5.10	For depositing waste outside designated community waste storage bin or in any non-designated area	Rs.1000/-
18.	5.11	Burning of waste	
		a) Individuals within their premises	Rs.200/-
		b) Individuals in public places	Rs.500/-
		c) Institutions and Establishments	Rs.1000/-
19.	7.2	For not storing and delivering fish, poultry and meat waste (non-household) in a segregated manner as specified	Rs.5000/-
20.	7.3	(a) For a vendor/hawker without a container/waste basket	Rs.500/-
		(b) For a vendor/hawker who does not deliver waste in a segregated manner as specified	Rs.1000/-
21.	7.4	For not keeping a house gully clean	Rs.1000/-
22.	7.5	For littering by pet/owned animals	Rs.100/-
23.	7.6	For not cleaning-up after public gathering/event within 24 hours	Forfeiture of the Cleanliness Deposit together with a fine of Rs.25,000/-
24.	7.8	Un-cleanliness situation due to Car/vehicles parking of Cars/vehicles on the road at the time of sweeping	Rs.500/- per day

Schedule-II

Illustrative list of biodegradable and recyclable waste

Biodegradable Waste	Recyclable waste
<p>“Bio-degradable waste” means the waste that is commonly found in the MSW. They are also called as “Wet Waste”. The Biodegradable waste is a type of waste, typically originating from plant or animal sources, which may be degraded by other living organisms.</p>	<p>“Recyclable Waste” means the waste that is commonly found in the MSW. They are also called as “Dry Waste”. These can be transformed through a process into raw materials for producing new products, which may or may not be similar to the original products.</p>
<ul style="list-style-type: none">• Kitchen Waste including: tea leaves, egg shells, fruit, vegetable peels and left over• Meat and bones• Garden and leaf litter including flowers• Animal litter• Soiled paper• Coconut shells• Ashes	<ul style="list-style-type: none">• Newspapers• Paper, books and magazines• Glass• Metal objects and wire• Plastic• Cloth Rags• Leather• Rexine• Rubber• Wood /furniture• Packaging

Schedule-III

List of Household Hazardous Waste

- Aerosol cans
- Batteries from flashlights and button cells
- Bleaches and household kitchen and drain cleaning Agents & its containers.
- Car batteries, oil filters and car care products and consumables
- Chemicals and solvents and their containers
- Cosmetic items, chemical-based Insecticides and their containers
- Light bulbs, tube-lights and compact fluorescent lamps (CFL)
- Discarded Medicines and its containers,
- Paints, oils, lubricants, glues, thinners, and their containers
- Pesticides and herbicides and their empty containers
- Photographic audio/video tapes and their containers, chemicals
- Styrofoam and soft foam packaging of furniture, packaging and equipment
- Thermometers and mercury-containing products
- e-waste such as personal computers, telephones, MP3 players, audio equipment, televisions, calculators, GPS automotive electronics, digital cameras and players and recorders using video media such as DVDs, VCRs or camcorders.

Schedule-IV
List of Bio-medical waste
(Extract from the Bio-Medical Waste (M & H) Rules, 1998)

“Bio-medical waste” means any waste, which is generated during the diagnosis, treatment or immunisation of human beings or animals or in research activities pertaining thereto or in the production or testing of biological.

Category No 4: Waste sharps (needles, syringes, scalpels, blades, glass, etc. that may cause puncture and cuts. This includes both used and unused sharps)

Category No 5: Discarded Medicines and Cytotoxic drugs (waste comprising of outdated, contaminated and discarded medicines)

Category No 6: Solid Waste (Items contaminated with blood, and body fluids including cotton, dressings, soiled plaster casts, lines, beddings, other material contaminated with blood)

Category No 7: Solid Waste (waste generated from disposable items other than the waste sharps such as tubing's, catheters, intravenous sets etc).

Schedule-V
Schedule of SWM User Charges

The owners/occupiers of the Households, Shops, Hotels, Restaurants, Office buildings and shopping complexes have to pay the Solid Waste Management User Charges as fixed below. The prescribed monthly User charges shall be remitted along with their property tax in the collection centres.

a)	For Houses assessed with property tax less than Rs.500/-	-	Rs.10/- per house
b)	For Houses assessed with property tax between Rs.501/- upto Rs.1000/-	-	Rs.20/- per house
c)	For Houses assessed with property tax above Rs.1000/-	-	Rs.30/- per house
d)	For Houses assessed with property tax above Rs.1000 to Rs. 5000/-	-	Rs.50/- per house
e)	<p>Shops and establishments generating waste shall segregate and hand over them to the corporation together with the application in the enclosed Form-A committing their willingness to remit the following User Charges</p> <p>(i) Shops and establishments shall remit the User Charges at Rs.2/- per day per Shop/establishment together with the application in the enclosed Form-A after computing the fee on monthly basis.</p> <p>(ii) Hotels / Kalyana Mandapams / Shopping Complexes / Commercial establishments generating waste upto 3.00 MT shall pay user charges of Rs.750- per trip through Light Vehicles and those generating waste more than 3.00 MT shall pay user charges of Rs.1500/- per trip through Heavy Vehicles together with the application in the enclosed Form-A after computing the fee on monthly basis.</p> <p>(iii) There will be 15 % increment for every year in the prevailing rates.</p>		

Form-A

APPLICATION FOR REMITTING SOLID WASTE MANAGEMENT USER CHARGES

From

To

The Commissioner,
Coimbatore City Municipal Corporation,
Coimbatore-641 001.

Sir,

I/We hereby affirm to state that I/We do carry out business at (address of the applicant with the nature of business). I/We hereby agree to hand over the Municipal Solid Waste generated by me/us at my premises in segregated form and also agree to pay the SWM User Charges of Rs.....(In words) as fixed in the SWM By-laws.

I/We further affirm to state that in the event I/We change the place of business I/We would duly intimate the Commissioner, Coimbatore City Municipal Corporation in writing before 30 days for the consequent action to be taken for cancellation of the SWM User Charges.

Yours faithfully,

(Signature of the applicant with date)