

CHAPTER I

GENERAL

1. **SHORT TITLE AND CANTONMENT:** (1) These bye-laws shall be called the Landour Cantonment Board Solid Waste Management Bye- Laws, 2017
- (2) They shall come into force on the date of their publication in the Delhi Gazette.
2. **Applicability:** These bye-laws shall be applicable within the territorial limits of Landour Cantonment Board (hereinafter referred to as 'Landour Cantt Board')
3. **Definitions:**
 - (1) In these bye-laws, unless the context otherwise requires,
 - (a) **"Bulk Garden and Horticultural Waste"** means bulk waste from parks, gardens etc including grass clippings, weeds, woody 'brown' carbon-rich material such as pruning, branches, twags, wood clipping, straw straw, dead leaves, tree trimmings, etc which cannot be accommodated in the daily collection system for bio-degradable waste.
 - (b) **"Bulk Waste Generator"** means bulk waste generator defined under Rule 3(1)(8) of the Solid Waste Management Rules, 2016 (hereinafter referred to as SWM Rules') and any other waste generator notified by the Chief Executive Officer.
 - (c) **"Collection"** means lifting and removal of solid waste from source of waste generation, collection points or any other location.
 - (d) **"Competent Authority"** means the Commissioner of Landour Cantt Board or any person authorized by him.
 - (e) **"Construction and demolition waste"** shall have the same meaning as defined under Rule 3(1) (c) of the construction and Demolition Waste Rules, 2016.
 - (f) **"Clean Area"** means the public place in front of and all around or adjacent to any premises extending to the kerb side and including the drain, foot path and kerb cleaned and so maintained in accordance with these bye-laws.
 - (g) **"Community Waste Storage Bin (Dhalao)"** means any storage facility set up and maintained by Landour Cantt Board or collectively by owners and/or occupiers of one or more premises for storage of solid waste in a segregated manner on the roadside/In premises or any one of such owners/occupiers or in their common premises as authorized by the competent authority.

- (h) **“Containerized Hand Cart”** means the hand cart provided by Landour Cantt Board or the agency/agent appointed by it for point-to-point collection of solid waste.
- (i) **“Delivery”** means handing over any category of solid waste to worker of Landour Cantt Board or any other person appointed authorized or licensed by Landour Cantt Board for taking, delivery of such waste or depositing it in any vehicle provided by Landour Cantt Board or by any other authorized agency or licensed by Landour Cantt Board to do so.
- (j) **“E-waste”** shall have the same meaning as defined under Rule3(1)(r) of the E-waste (Management) Rules, 2016.
- (K) **“Fixed Compactor Transfer Station (FCTS)”** means a powered machine which is designed to compact segregated solid waste and remains stationary when in operation. The compactor may also be mobile when in operation, which may be called mobile Transfer Station (MTS).
- (L) **“Litter”** means all refuse and included any other waste material which, if thrown or deposited as prohibited under these bye-laws, tends to create nuisance or danger to any person, animal, environment or public health, safety and welfare.
- (M) **“Littering”** means causing, putting, burying, permitting or allowing 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 open or public place.
- (N) **“Owner”** means any person who exercises the rights of an owner of any building, or land or part thereof.
- (E) **“Occupier/Occupant”** means any person who is in occupation of or in possession and includes any person who for the time being is using, any land or building or part thereof, for any purpose whatsoever.
- (P) **“Pelletisation”** means a process whereby pellets are prepared which are small cubes or cylindrical pieces made out of solid waste and includes fuel pellets which are also referred as refuse derived fuel.
- (Q) **“Prescribed”** means prescribed by SWM Rules and/or these by laws.
- (R) **“Public Place”** means any such place which is open to the use and enjoyment of the public, whether it is actually used or enjoyed by the public or not.
- (S) **“Storage”** means the temporary containment of solid waste in a manner so as to prevent littering, attraction to vectors, stray animals and excessive foul odour.

- (T) **“Sanitary worker”** means a person employed by Landour Cantt Board/agency for collecting or removing solid waste or cleaning the drains in Landour Cantt Board areas.
- (U) **“Schedule”** means the Schedule appended to these bye laws.
- (V) **“User fee/Charges”** means fees or charges imposed by Landour Cantt Board, through general or special order of the Competent Authority from time-to-time, on the waste generator to cover full or part cost of providing solid waste collection transportation, processing and disposal services.
- (W) **“Vacant Plot”** means and land or open space belonging to a private party/person/Govt agency that is not occupied.
- (2) The words and expressions used but not defined herein shall have the same meaning as respectively assigned to them in the Solid Waste Management Rules, 2016 and the Construction and Demolition Waste Management Rules, 2016.

CHAPTER –II

SEGREGATION AND PRIMARY STORAGE OF SOLID WASTE

4. SEGREGATION AND STORAGE OF SOLID WASTE AT SOURCE:-

- (i) It shall be necessary for all waste generators to separate and store the solid waste coming out of their own place regularly into three streams namely:-
 - (a) Non-biodegradable or dry waste.
 - (b) Biodegradable or wet waste.
 - (c) Domestic hazardous waste and deposit in into covered waste bins, and handover segregated waste to designated waste collectors as per the direction of Landour Cantt Board from time to time.

- (ii) Every bulk waste generator is to separate and store the solid waste coming out of their own place into three streams namely:-
 - (a) Non-biodegradable or dry waste.
 - (b) Biodegradable or wet waste.
 - (c) Hazardous waste in suitable bins and handover segregated waste to authorized waste processing or disposal facilities or deposition centers through the authorized waste collection agency with paying the carrying charges specified by Landour Cantt Board from time to time.

- (iii) The colour of bins for storage of segregated waste shall be green for biodegradable waste, blue for non-biodegradable or dry waste, black for domestic hazardous waste.

- (iv) All resident welfare and market associates shall, in partnership with Landour Cantt Board, ensure segregation of waste at source by the generators, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers. The biodegradable waste shall be processed, treated and disposed off through composting or biodegradable methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by Landour Cantt Board.

- (V) All gated communities and institutions with more than 5000 sqm area shall, in partnership with Landour Cantt Board, ensure segregation of waste at source by the generators, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers. The biodegradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by Landour Cantt Board.
- (VI) All hotels and restaurants shall, in partnership with Landour Cantt Board, ensure segregation of waste at source, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorized waste pickers or the authorized recyclers. The biodegradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by Landour Cantt Board.
- (vii) No person shall organize an event or gathering of more than one hundred persons at any unlicensed place without intimating Landour Cantt Board online along with payment of user fee as prescribed in the schedule, at least three working days in advance and such person or the organizer of such event shall ensure segregation of waste at source and handing over of segregated waste to waste collector or agency as specified by Landour Cantt.
- (viii) Used, sanitary waste are to be securely wrapped as and when generated in the pouches provided by the manufactures or brand owners of these products or in a news paper or suitable biodegradable wrapping material and place the same in the bin meant for non biodegradable waste or dry waste.
- (ix) Every street vendor shall keep suitable containers for storage of segregated waste generated during the course of his activity such as food waste, disposable plates, cups, cans, wrappers, coconut shells, leftover food, vegetables, fruits, etc. and shall deposit such as waste at waste storage depot or container or vehicle as notified by Clement Town Cantt Board.

- (x) Waste generator of garden and horticulture waste generated from his premises shall store such waste separately in his own premises and dispose of the same as per the directions of Landour Cantt Board from time to time.
- (xi) Domestic hazardous waste shall be stored and delivered by every waste generator to the collection vehicle which shall be provided weekly/periodically by Landour Cantt Board or any other agency authorized by it or Uttarakhand Pollution Control Board, Dehradun for collection of such waste, or to a centre designed for collection of such waste for disposal in a manner that is mandated by the Uttarakhand Pollution Control Board, Dehradun.
- (xii) Construction and demolition waste shall be stored and delivered separately as per the construction and demolition waste management Rules, 2016.
- (xiii) No untreated biomedical waste, e-waste, hazardous chemicals and industrial waste shall be mixed with solid waste. Such waste shall be disposed of in accordance with the respective rules framed under the environment (Protection) Act, 1986.
- (xiv) 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 Landour Cantt Board's collection vehicle provided for this purpose. Depositing of such waste in any community waste bin is prohibited.
- (xv) Segregated bio-degradable solid waste if not composted by the generators, shall be stored by them within their premises and its delivery shall be ensured to the municipal worker/vehicle/waste picker/waste collector or to the bio-degradable waste collection vehicle provided for specified commercial generators of bulk biodegradable waste at such time as may be notified from time to time.

CHAPTER III

SOLID WASTE COLLECTION

5. COLLECTION OF SOLID WASTE:-

- (i) In compliance of SWM Rules, door to door collection of segregated solid waste shall be implemented in all areas or wards of Landour Cantt Board, to collect garbage from every house, including slums and informal settlement on a daily basis by integrating the informal door to door collection system with Landour Cantt Board collection system.
- (ii) In order to collect garbage from every house, area wise specific time slot shall be set and published at conspicuous parts of that area and on the website of Landour Cantt Board. Commonly, time for house to house garbage collection will be set from 6 am to 11 am for collection of garbage from trading establishment, shops in commercial areas or any other institutional waste generators, commonly the time shall be from 7am to 12 noon.
- (iii) Arrangements shall be made for collection of residual solid waste from bulk waste generators, which are processing waste in site.
- (iv) Residual solid waste from vegetable, fruit, flower, meat poultry and fish market shall be collected on day to day basis.
- (vi) To make optimum use of biodegradable waste from fruits and vegetable markets, meat and fish markets, bulk horticulture and garden waste and to minimize the cost of collection and transportation, such waste shall be processed or treated within the area where waste is generated.
- (vii) Manual handing of waste in the containers shall be prohibited. If unavoidable due to constraints, manual handling shall be carried out under protection with due care for safety of workers.
- (viii) Waste generators shall be responsible to deposit their segregated waste in the Auto-tippers/Rickshaws etc deployed by Landour Cantt Board or by the notified authorized waste collector. Segregated waste from multi-storied buildings, apartments, housing complexes (other than those falling under sub-

clauses (iv) and (v) of clause 4 of these bye-laws) may be collected from the entry gate of any other designated location.

- (ix) Charging needs and advances in technology shall be taken into consideration for selection of collection equipment and vehicles. Auto-Tippers or vehicles of specific capacity with hydraulically operated hopper covering mechanism from top having two compartments for carrying biodegradable and non biodegradable waste separately with a hooter shall be deployed for collection of waste.
- (x) Automatic voice recorded device, bell or horn having sound not more than the permissible noise level shall be installed on every garbage collection vehicle used by waste collectors.
- (xii) Route plans for each primary collection and transportation vehicle shall be provided by Landour Cantt Board or by the notified authorized waste collector. These plans in tabular as well as GIS map form, duly approved by Landour Cantt Board shall mention starting point start time, waiting points, waiting time on route, end point and end time of the specified route. Landour Cantt Board or the notified authorized waste collector shall provide a 'Board' at each street to display time table of primary collection & transportation vehicles to allow residents avail the facility at prescribed time. Such information shall also be uploaded on the websites of Landour Cantt Board.
- (xii) In arrow streets that cannot be serviced by auto tipper or the vehicle, a 3 wheeler or smaller motorized vehicle with hydraulically operated hopper covering mechanism from top having two compartments for carrying wet and dry waste separately with a hooter, compatible with mobile transfer station shall be deployed.
- (xiii) In congested and narrower streets that cannot even be serviced by 3- wheeler or smaller vehicle, cycle rickshaws or any other type of suitable equipment shall be deployed.
- (xiv) Smaller, narrow and congested streets/lanes where even a 3-wheeler/rickshaws etc cannot operates, vantage points shall be designated at the start of the locality/street where the collection vehicle shall be parked and the helper/driver of vehicle shall carry a whistle and walk in the locality to announce arrival of

vehicle for collecting solid waste. Time table for such collection system shall be displayed at the notice board and uploaded on the website of Landour Cantt Board.

- (xv) Auto tippers, 3-wheeler, rickshaws and any other type of collection vehicles engaged in this service shall collect waste only from households and not from any other source viz. dhalaos, open sites, ground, bins and drains etc.
- (xvi) Landour Cantt Board or its notified authorized waste collectors shall be responsible to cover all the streets/lanes of each zone for the primary collection.

CHAPTER IV**SECONDARY STORAGE OF SOLID WASTE****6. STORAGE OF SOLID WASTE IN THE SECONDARY STORAGE POINTS.**

- (i) Segregated solid waste collected from doorsteps shall be taken to waste storage depots, community storage bins or fixed or mobile transfer stations or the locations specified by Landour Cantt Board for secondary storage of waste.
- (ii) Such secondary storage points shall have covered containers (of specified colour) for separate storage of:
 - (a) Non-biodegradable or dry waste.
 - (b) Biodegradable or wet waste.
 - (c) Domestic hazardous waste.
- (iii) Different containers shall be used in the areas demarcated by Clement Town Cantt Board to keep segregated waste in the following manner
 - Green for biodegradable waste.
 - Blue for non biodegradable,
 - Black for domestic hazardous waste.

Landour Cantt Board shall separately notify, from time to time, 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 mixing or spillage of waste, which generators of different types of solid waste shall have to adhere to.

- (iv) Landour Cantt Board on its own or through outsourcing agencies shall maintain the storage facilities for solid waste in a manner that does not create unhygienic and unsanitary conditions around it.
- (v) Containers of various sizes in the secondary storage depots shall be provided by Landour Cantt Board or any assigned agencies in different colours as mentioned in these bye-laws.

- (vi) Storage facilities shall be created and established by taking into account quantities of waste generators in a given area and the density of population.
- (vii) Storage facilities shall be user friendly and shall be so designed that it ensures compaction of waste and that the waste stored is not exposed to open atmosphere.
- (viii) All the housing cooperative societies, associations, residential and commercial establishment and gated communities etc. shall have the responsibility to put coloured bins as prescribed by these bye-laws and to keep adequate number of containers in appropriate places in their own complexes, so that the daily waste generated there can be properly deposited.
- (ix) Landour Cantt Board or its specified agency shall carry out washing and disinfection of all the bins on a weekly basis.
 - a. Landour Cantt Board shall convert its existing Dhalaos or identify specific location as per requirement, as 'Recycling Centers' which shall be used for segregation of dry waste received through street/door to door waste collection service. Recycling centers may be increased depending on the quantity of dry waste received.
 - b. Dry (non biodegradable) waste from street/door to door collection system and from commercial establishment shall be transferred only to these designated 'recycling centers'. These designated centers shall receive only dry waste.
 - c. There shall also be provision for the households to directly deposit or sell their recyclable dry waste to the authorized agents and/or authorized waste dealer of Landour Cantt Board at these recycling centers at pre notified rates. A weighing scale and counter shall be provided at each recycling unit for this purpose. The authorized agents and/or authorized waste dealers shall be allowed to dispose of or sell the recyclable waste to the secondary market or recycling units only in consonance with the provisions of SWM Rules. The authorized agents and/or authorized waste dealers will be entitled to retain sales realization thereof.
- (xi) Deposition Centre for specified Domestic Hazardous Waste.

- a. For the collection of domestic hazardous waste, a deposition centre will be set up at a suitable location for receiving the specified domestic hazardous waste. Such facility shall be set in each ward in a manner as per guidelines prescribed by the Government and notify the timing of receiving of such waste.
- b. Landour Cantt Board may also give the responsibility to its agency or concessionaire to collect domestic hazardous waste from all waste generators in segregated manner.
- c. Such waste shall be transported separately to the hazardous waste disposal facility set up by the Government.

CHAPTER V**TRANSPORTATION OF SOLID WASTE.****7. TRANSPORTATION OF SOLID WASTE:-**

- (i) Vehicles used for transportation of waste shall be covered in such manner that the collected waste is not exposed to open environment. The vehicles may also include compactors and mobile transfer stations depending upon choice of technology by Landour Cantt Board.
- (ii) The storage facilities set up by Landour Cantt Board shall be attended daily for clearing waste. The areas around the place where the bins or containers are kept shall also be cleaned.
- (iii) Collected segregated bio-degradable waste from residential and other areas shall be transferred to the processing plants like compost plants bio-methanation plants or any such other facilities in a covered manner.
- (iv) Wherever applicable, for bio degradable waste, preference shall be given for onsite processing of such waste.
- (v) Collected non biodegradable waste shall be transported to the respective processing facilities or secondary storage facilities.
- (vi) Construction and Demolition Waste shall be transported as per the provisions of the Construction and Demolition Waste Management Rules, 2016.
- (vii) Landour Cantt Board shall make arrangements for transportation of inserts in a proper manner. The street sweeping waste and removable drains silt shall be removed immediately after the work is over.
- (viii) Transportation vehicles shall be so designed that multiple handling of waste, prior to final disposal, is avoided.
- (ix) The collection vehicles engaged for the purpose shall deposit/transfer waste only at the MTS or FCTS wherever provided.
- (x) In case MTS/FCTS is not stationed at the designated location at that point of time for any reasons, then the loaded vehicle shall go to site specified by Landour Cantt Board to unload the waste.

- (xi) Fixed compactor transfer station shall be transported through hook loader.
- (xii) MTS or FCTS shall transport the waste directly to compost plant, waste to energy plant or any other site/plant designated by Landour Cantt Board.
- (xiii) There should be no inter-mixing of waste from various sources during the transportation of waste.
- (xiv) The services of street level collection and transportation of waste shall be provided every day including holidays.
- (xv) MTS engaged in this service shall receive waste only from designated auto tippers, 3 wheelers or vehicle/bins collecting waste from street level operations.
- (xvi) Dedicated MTS shall be deployed at specified locations to receive waste from the Auto Tippers, 3 Wheelers Rickshaws etc. engaged in street level and door to door collection of solid waste from households and commercial establishment as per the approved route plans.
- (xvii) Design of MTS and FCTS shall allow unloading of waste from primary collection vehicles by consuming minimum time and without littering waste.
- (xviii) Garbage spilled near MTS and FCTS while transferring the solid waste, should be cleaned so that no spillage is left. Disinfectant should be used after cleaning process at that location.
- (xix) Landour Cantt Board or its specified agency shall install CCTV cameras at all secondary storage facilities.

CHAPTER VI

PROCESSING OF SOLID WASTE

8. **PROCESSING OF SOLID WASTE:**

- (i) Landour Cantt Board shall facilitate construction, operation and maintenance of solid waste processing facilities and associated infrastructure on their own or through any agency for optimum utilization of various components of solid waste adopting suitable technology including the following technologies and adhering to the guidelines issued by the Ministry of Urban Development from time to time and standards prescribed by the Central Pollution Control Board.
 - (a) to minimize transportation cost and environmental impacts, preference shall be given to decentralized processing such as bio-methanation, microbial composting, vermin composting, anaerobic digestion or any other appropriate processing for bio-stabilization of biodegradable waste.
 - (b) through medium/large composting/bio-methanation plant sat centralized locations.
 - (c) through waste to energy processes by refuse derived fuel for combustible fraction of waste or supply as feedstock to solid waste based power plants: and/or.
 - (d) through construction and demolition waste management plants.
- (ii) Landour Cantt Board shall endeavour to create a market for consumption of RDF.
- (iii) In waste to energy plant by direct incineration, absolute segregation shall be mandatory and be part of the terms and conditions of the relevant contracts.
- (iv) Landour Cantt Board shall ensure that recyclables such as paper, plastic, metal, glass, textiles etc go to authorized recyclers.

9. **Other guidelines for processing of solid waste:-**

- (i) Landour Cantt Board shall enforce of biodegradable waste on site of generation, as far as possible at RWAs, group housing societies, markets gated communities and institutions with more than 5000 sqm areas, all hotels and restaurants,

banquet halls and places of such nature preference shall be given for onsite processing of biodegradable waste generated by other waste generators as well.

- (ii) Landour Cantt Board shall enforce that markets dealing with vegetables, fruits, flowers, meat, poultry and fish waste while processing biodegradable waste ensure hygienic conditions.
- (iii) Landour Cantt Board shall enforce processing of horticulture, parks and garden waste separately in the parks and gardens as far as possible.
- (iv) Landour Cantt Board shall involve communities in waste management and promote home composting, bio gas generation, decentralized processing of waste at community level, subject to control of odour and maintenance of hygienic conditions around the facility.

CHAPTER VII

DISPOSAL OF SOLID WASTE

10. DISPOSAL OF SOLID WASTE

Landour Cantt Board shall undertake on its own or through any other agency the construction, operation and maintenance of sanitary landfill and associated infrastructure for disposal of residual waste and inert street sweepings and silt from surface drains in a manner prescribed under SWM Rules and any other obligation imposed by any other law for the time being in force.

CHAPTER VIII

USER FEE AND LEVYING OF SPOT FINE / PENALTY

11. User Fee For Collections, Transportation, Disposal Of Solid Waste:-

- (a) User fee shall be fixed for providing services for garbage collection, transportation and disposal from waste generator by Landour Cantt Board. The rates of user fee are specified in Schedule-I.
- (b) The user fee so fixed shall be collected from waste generators by Landour Cantt Board or the authorized agency or person as may be authorized by Chief Executive Officer in this behalf.
- (c) Landour Cantt Board shall prepare the database of all the waste generators for the purpose of levying user fee, and evolve appropriate mechanism for billing/collection/recovery of user charges, within three months from the date of notification of these bye-laws. The database shall be updated regularly.
- (d) Landour Cantt Board shall adopt different methods for collection of user fee including online payment.
- (e) Special days in a month, preferably in first week of each month, shall be fixed for collection of user fee.
- (f) There shall also be a system of yearly or half yearly payment. If the user fee is paid in advance for the entire years, then amount for ten months will be charged instead of twelve months. Similarly, for six months advance

payment, five and half months demand amount will be charges instead of six months.

- (g) The user fee mentioned in Schedule- I shall stand automatically increased by 5% per year with effect from 1st January of each successive years.
- (h) The user fee shall be collected only by the institution/person authorized by the competent authority by a general or special order in this behalf.
- (i) In case of default of payment of user fee, the competent authority may recover the same from the defaulter as an arrear of tax under the provisions of the Cantonments Act, 2006.

12. FINE / PENALTY FOR CONTRAVENTION OF SWM RULES:-

- (a) Whosoever contravenes or fails to comply with any of the provision of SWM Rules or these bye-laws shall be imposed with fine as mentioned in Schedule-II appended to these bye-laws.
- (b) In case of repeated contravention or non-compliance as mentioned in clause (a) above, fine amount for every such default shall be levied per day or month, as the case may be.
- (c) The Chief Executive Officer shall designate officers for levying fine or penalty by a general or special order in this behalf. The fine/penalty amount is specified in Schedule-II.
- (d) The fine or penalty mentioned in Schedule-II shall stand automatically increased by 5% per year with effect from 1st January of each successive year.
- (e) The fine shall be levied and collected on the spot by the designated officers. In case of non-payment of fine at the spot, the procedure for prosecution prescribed under provisions of the Environment (Protection) Act, 1986 shall follow.

CHAPTER IX**RESPONSIBILITIES OF STAKEHOLDERS****13. RESPONSIBILITIES OF WASTE GENERATORS:**

- (i) Prohibition of littering
 - (a) Littering in any public place: No person shall litter in any public place except in authorized public or private litter receptacles. No person shall repair vehicles, wash/clean utensils or any other object or keep any type of storage in any public place except in such public facilities or conveniences specifically provided for any of these purposes.
 - (b) Littering on any property: No person shall litter on any open or vacant property except in authorized private or public receptacles.
 - (c) Litter-throwing from vehicles: No person, whether a driver or passenger in a vehicle, shall litter upon any street, road, sidewalk, playground, grade, traffic island or other public place.
 - (d) Litter from goods vehicles: No person shall driver or move any truck or other goods 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.
 - (e) Litter by owned/pet animals: it shall be the responsibility of the owner of any pet animal including dog, cat etc. to promptly scoop/clean up any litter created by such pet on the street or any public place and take adequate steps for the proper disposal of such waste preferably by their own sewage system.
 - (f) Disposal of waste in drain etc.: No person shall litter in any drain/river/open pond/water bodies.
- (ii) Burning of waste: Disposal by burning of any type of solid waste at public places or at any private or public property is prohibited.
- (iii) "Clean Area": Every person shall endeavour 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.
- (iv) For Public Gathering and Events organized 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

Landour Cantt Board is required, it will be the responsibility of the organizer of the event or gathering to ensure the cleanliness of that area as well as all appurtenant areas.

- (v) Refundable Cleanliness Deposit, as may be notified by the Landour Cantt Board, will be taken from the organizer, by the authorized officer 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 and damage to property. In case the organizers of the event wish to avail of the services of the Landour Cantt Board for the cleaning, collection and transport of waste generated as a result of that event, they must apply to the concerned Department of the Landour Cantt Board and pay the necessary charges as may be fixed by the Competent Authority for this purpose.
- (vi) Dumping of solid waste on vacant plot and depositing construction and demolition waste at non-designated locations shall be dealt with by the Landour Cantt Board in the following manner:
 - (a) The Landour Cantt Board may serve a notice on the owner/occupier of any premises, requiring such owner/occupier to clear any waste on such premises in a manner and within a time specified in such notice.
 - (b) If the person on whom the notice has been served fails to comply with the requirements imposed by the notice, such person shall be liable to pay penalties as prescribed from time to time.
 - (c) If the person on whom the notice is serviced fails to comply with any requirements imposed by such notice, the Landour Cantt Board may
 - (i) Enter on the premises and clear the waste; and
 - (ii) Recover from the occupier the expenditure incurred in having done so.
- (vii) **Duty of manufacturers or brand owners of disposable products and sanitary napkins and diapers:**
 - (a) All manufacturers of disposable products such as tin, glass, plastics packaging, etc., or brand owners who introduce such products in the market within the jurisdiction of Landour Cantt Board shall provide necessary financial assistance to Landour Cantt Board for establishment of waste management system. Landour Cantt Board may also coordinate with the concerned departments of Central Govt. and/or Uttarakhand Pollution Control Board, Dehradun for implementation of this provision.

- (b) All such brand owners who sell or market their products in such packaging material which are non-biodegradable shall put in place a system to collect back the packaging waste generated due to their production.
- (c) Manufacturers or brand owners or marketing companies of sanitary napkins and diapers shall explore the possibility of using all recyclable materials in their products or they shall provide a pouch or wrapper for disposal of each napkin or diapers along with the packet of their sanitary products.
- (d) All such manufacturers, brand owners or marketing companies shall educate the masses for wrapping and disposal of their products.
- (viii) All industrial units using fuel and located within one hundred km from a solid waste based refuse derived fuel plant shall make arrangements to replace at least five percent of their fuel requirement by refused derived fuel so produced.

14. RESPONSIBILITIES OF LANDOUR CANTT BOARD:

- (i) Landour Cantt Board shall within its territorial area, be responsible for ensuring regular system of surface cleaning of all common streets / roads, public places, temporary settlements, slum areas, markets, its own parks gardens, drains etc. by employing human resources and machines and shall be bound to collect the garbage from the declared storage containers, and transport it every day to the final disposal point in closed vehicles for which Landour Cantt Board may engage private parties on contract or Public Private Partnership mechanism, apart from its own cleaning staff and vehicles. In addition, Landour Cantt Board shall identify all the commercial areas for carrying out sweeping twice a day.
- (ii) Landour Cantt Board or the authorized agency engaged by it shall provide and maintain sufficient number of community litter bins of sufficient size on public roads, in surroundings of railway station, bus stops, religious places, in commercial areas etc.
- (iii) Landour Cantt Board for the purpose of managing solid waste activities in decentralized and regular manner shall designate one ward officer in every ward to supervise the spots of containers, public toilets, community toilets or urinals in public places, transfer station for public garage, landfill processing units etc.

- (iv) The competent authority shall designate sufficiently senior Officer/s, preferably not below the rank of Additional Deputy Commissioner or equivalent, as Nodal Officer/s to monitor the progress of segregation, collection, transportation, processing and disposal of solid waste.
- (v) Each ward shall be divided into sweeping beats based on the prescribed parameter and deploy manpower accordingly or rationalize the existing deployment and monitor their work by using latest technology. Wherever it is unable to get sweeping through its own staff, it may outsource through contract. Each beat shall be inspected by the supervising officials on daily basis prescribed as per directions.
- (vi) Landour Cantt Board shall employ latest road/street cleaning machines, mechanical sweepers or other equipments which improves the efficiency of sweeping and drainage cleaning.
- (vii) Landour Cantt Board shall create awareness and sensitization through Information, Education and Communication (IEC) campaign and educate the waste generators and other stakeholders about the various provision of SWM Rules and these bye laws with special emphasis on user fee and fines/penalties.
- (viii) Landour Cantt Board shall encourage waste generators to treat wet waste at source. It may consider creating systems for incentives for adoption of decentralized technologies such as bio-methanation, composting etc. Incentives may be like awarding and recognizing the households, RWAs and institutions etc. by giving certificates, by publishing their names on respective websites or rebate in property tax etc.
- (ix) Landour Cantt Board shall phase out the use of chemical fertilizers and use compost in all parks, gardens maintained by it and wherever possible in other places under its jurisdiction. Incentives may be provided to recycling initiatives by informal waste recycling sector.
- (x) Landour Cantt Board shall make efforts to streamline and formalize solid waste management systems and endeavour that the informal sector workers in waste management (waster pickers) are given priority to upgrade into the formal system of solid waste management.
- (xi) Landour Cantt Board shall ensure that the operator of a facility provides personal protection equipment including uniform, fluorescent jacket, hand gloves, rain boots, appropriate foot wear and masks to all workers handling solid waste and the same are used by the workforce.
- (xii) Landour Cantt Board shall ensure occupational safety of its own staff and staff of outsourced agency involved in collection, transport and handling of waste by providing appropriate and adequate personal protective equipments.

- (xiii) In case of an accident at any solid waste processing or treatment or disposal facility or landfill site, the officer-in-charge of the facility shall report of Landour Cantt Board immediately which shall review and issue instructions, if any, to the in-charge of the facility.
- (xiv) Regular checks: The Chief Executive Officer, Deputy Commissioner or any other officer authorized by the Chief Executive Officer shall conduct regular checks in various parts of the wards and other places of collection, transportation, processing and disposal of sold waste to supervise compliance of various provision of SWM Rules and these bye laws.
- (xv) Landour Cantt Board shall develop a public grievance redressal system (PGRS) by setting up of call centre at its headquarter. The PGRS may include SMS based service, mobile application or web based services.
- (xvi) Landour Cantt Board shall install bio-metric/smart card technologies/ICI System for tracking and recording attendance of employees associated with the working of SWM Rules and these bye-laws at HQ/all zones/ward offices etc. and shall make an endeavour to integrate such system with the salary/wages/remuneration.
- (xvii) Transparency and Public Accessibility: To ensure greater transparency and public accessibility, Landour Cantt Board shall provide all necessary information through its website.
- (xviii) Landour Cantt Board shall perform all other duties mentioned in SWM Rules, which have not been specifically mentioned in these bye-laws.

CHAPTER-X

MISCELLANEOUS

- 15.** If any doubt or difficulty arises in the interpretation or implementation of these bye-laws, the same shall be placed before the Chief Executive Officer, Landour Cantt Board, whose decision in the matter shall be final.
- 16.** Co-ordination with Government Bodies: Landour Cantt Board shall coordinate with other government agencies and authorities, to ensure compliance of these bye-laws, within areas under the jurisdiction or control of such bodies.
- 17.** The competent authority may issue general or special orders from time to time for proper implementation of Solid Waste Management Rules, 2016 and these bye-Laws.

SCHEDULE-I**USER FEE FOR SOLID WASTE MANAGEMENT**

1	2	3
S.No.	Categories	User Fee from each premises/House/Dwelling Unit/Flat per month (in Rupees)
1.	Residential dwelling unit.	
(i)	Up to 50 sq. m.	50
(ii)	Over 50 sq.m. up to 200 sq. m.	100
(iii)	Over 200 sq.	200
2.	Street Vendor	100
3.	Commercial establishments, shops, eating places (Dhaba/sweet shops/coffee house etc.)	200
4.	Guest House/Dharmshalas	1,000
5.	Hostel	1,000
6.	Restaurants up to the sitting of 20 persons	500
7.	Restaurants with sitting of 20 persons	1,000
8.	Hotel (Unstarred)	1,000
9.	Hotel (Up to 3 star)	3,000
10.	Hotel (Over 3 star)	5,000
11.	Commercial offices, government offices, bank, insurance offices, coaching classes, educational institutes etc.	1,000
12.	Clinic, dispensary, laboratories (upto 50 beds) only non-bio medical waste	1,000
13.	Clinic, dispensary, laboratories (upto 50 beds) only non-bio medical waste	2,000
14.	Small and cottage industry, workshop (only non-waste)	1,000
15.	Godowns, cold storages (only non-hazardous waste)	1,000
16.	Marriage/Party Halls, festivals halls, Party Lawns, exhibition and fair's	2,000
17.	Clubs, Cinema Halls, Pubs,	2,000

	Multiplexes and other such places	
18.	Any other non-commercial, commercial, religious or charitable institutions not covered in any other category	2,000
19.	Other places/activity not marked as above	As decided by the Commissioner, SDM by general or special order

Late Payment Surcharge (LPSC) shall be charged at the rate of 5% of the user fee/charges if the user fee/charges are not paid within 30 days of raising the demand.

SCHEDULE - II

FINE/PENALTY

S.No.	Rule/Bye Laws No.	Offences	Applicable to	Fine for every default (in Rupees)
1	Rule 4 (1)(a) of SWM Rules	Failure to segregate and store waste and handover segregated waste in accordance with the Rule	Residential	200
			Marriage/Party Halls, Festival Halls, Party Lawns,	5,000
			Exhibition and fairs with area less than 5000 sqm.	5,000
			Clubs, Cinema Halls, Pubs, Community halls, Multiplexes and other such places with area less than 5000 sqm.	5,000
			Other non-residential entities with area less than 5000 sqm.	500
2.	Rule 4 (1) (b) and (d) of SWM Rules	* Failure to deal with sanitary waste in accordance with the Rule	Residential	100

		* Failure to deal with horticulture waste and garden waste in accordance with the Rule	Non Residential	200
3	Rule 4 (1) (c) of SWM Rules	Failure to deal with construction and demolition waste in accordance with the Rule	Residential	100
			Non Residential	200
4	Rule 4 (2) of SWM	Open burning of solid waste	Violator	1,000
5	Rule 4 (4) SWM Rules	Organizing an event or gathering of more than one hundred person at any unlicensed place without following the prescribed procedure	Person(s), who has/ve organized such event or gathering or, on whose behalf such event or gathering has been organized and the event manager(s), if any, who has/ve organized such event or gathering	5,000
6	Rule 4 (5) SWM Rules	Street Vendor failing to deal with waste with the Rule	Violator	100
7	Bye-Law 13(1) read with rule 15 (g) of SWM Rules	Littering	Offender	200
Fine shall be levied only once in a month for the following violations				
8	Rule 4(6)of SWM Rules	Failure to deal with waste in accordance with the Rule	Resident Welfare Association	2,000
			Market Association	3000
9	Rule 4(7)of SWM Rules	Failure to deal with waste in accordance with the Rule	Gate Community	2,000
			Institution	10,000
10	Rule 4(8)of SWM Rules	Failure to deal with waste in accordance with the Rule	Hotel	20,000
			Restaurant	5,000
11	Rule 17 (2) of SWM Rules	Selling or marketing of disposable products	Manufactures and/or Brand	20,000

		without a system of collecting back the packaging waste generated due to their production	Owner	
12	Rule 17 (3) of SWM Rules	Failure to take measure in accordance with the Rule	Manufactures and/or Brand Owner and/or marketing companies	10,000
13	Rule 18 of SWM Rules	Failure to replace fuel requirement by refuse derived fuel	Industrial Unit	20,000