

[**MMDA REGULATION NO. 99-004, February 25, 1999**]

REGULATION GOVERNING PROPER REFUSE MANAGEMENT AT SOURCE IN METRO MANILA AREA AND FOR OTHER PURPOSES

WHEREAS, the refuse/solid waste, in Metropolitan Manila, if not properly segregated, collected and disposed of, can expose and endanger its inhabitants to diseases and public nuisance;

WHEREAS, Republic Act No. 7924 mandates the Metropolitan Manila Development Authority (MMDA) to set policies, coordinate and regulate the implementation of all programs and projects concerning proper and sanitary waste management and disposal in Metropolitan Manila;

WHEREAS, under the same law, the health and sanitation concerns of the MMDA were expanded to include urban protection and pollution control, through the adoption, formulation and implementation of policies, rules and regulations, standards, program and projects to promote and safeguard the health and sanitation of the refuse.

WHEREAS, the Committee on Sanitation and Waste Management of the MMDA Council has consulted the concerned authorities of the Department of Health, Department of Environment and Natural Resources, the Local Government Units, Non-Government Organizations, People's Organizations, the academe, and the public on the viability, effectivity and enforceability of this Regulation in its committee meetings held last January 28, 1999 and February 18, 1999;

WHEREAS, subsequent technical reviews by the authorities of the concerned agencies, LGUs and organizations and the MMDA counterpart were conducted during which clarificatory inputs and suggestions were made in the proposed Regulation;

NOW, THEREFORE, pursuant to Sec. 6 of RA 7924, this Regulation is hereby promulgated and adopted by the Metro Manila Council, that:

SECTION 1. Scope of Application. — The provisions stated hereunder shall be applicable throughout Metropolitan Manila Area and shall be observed by households, firms, corporations, commercial or business establishments, institutions, occupants, owners, tenants, lessees of industrial establishments, refuse collectors, disposal area operators and junk dealers, private scavengers and all other persons generating, accumulating, storing, collecting, transporting, processing, treating, utilizing, and disposing refuse or other waste material in Metro Manila.

SECTION 2. Classification of Refuse/Solid Waste. —

BIODEGRADABLE WASTE is any material that can be reduced into finer particles

(degraded or decomposed) by microbiological organisms or enzymes; domestic type of generated waste from kitchen, canteen such as left-over foods, and waste from dietary preparation of menu from kitchen/dietary section; indicating garden refuse from cuttings/loping of grasses, trees, bushes, shrubs, flowers, seeds or similar materials.

NON-BIODEGRADABLE WASTE refers to inorganic solid waste which do not undergo decomposition hence are non-compostable and no-putrescible waste materials such as plastic bags, styrofoam, tetra pack (milk juices), sachet (shampoo, coffee, milk, soap), softdrinks straws, electronic plastics, venetian blind (window), ballpen (all kinds), ceramic ashes, film negatives, and pictures including housekeeping and building waste from sweepings and other debris.

HAZARDOUS WASTE is any waste that is potentially dangerous to the environment and health because of chemical reactivity, toxicity, flammability and explosiveness. Such include sharps, needles, blades, scalpels, nails, saws, glass, dry cell or household batteries, fluorescent bulbs, aerosol, thinners, paints and lacquers, disinfectants and bleaching agents in the form of gas, solid or liquid.

PATHOLOGICAL WASTE is that which includes tissues, organs, body parts, human fetuses from surgical operations, biopsy and autopsy. Also included are animal carcasses, blood and body fluids usually coming from patients services.

BULKY WASTE includes broken furniture, appliances, sala sets, mattresses beds, and the like and tree trimmings of weight and size exceeding 1.2 meters in length.

SECTION 3. SANITARY REQUIREMENTS FOR THE SEGREGATION AND STORAGE OF REFUSE/SOLID WASTE. — The following shall be the minimum standards and requirements for sanitary segregation and storage of refuse pending collection.

3.1 There shall be a separate color-coded container for each type of waste in all establishments and dwelling units. Sorting at source shall be required and recycling and composing shall be promoted.

3.2 The refuse container depending on its use shall be properly color coded for on-site collection as "biodegradable waste" (green) or "non-biodegradable waste" (black) or hazardous waste (red). In the absence of color coded bag, the bag used should be tied with the corresponding color for proper identification.

3.3 Standard color coding for discharge and storage of refuse/solid waste.

3.3.1 Black — for storage of non-biodegradable general waste

3.3.2 Green — for storage of biodegradable general waste

3.3.3 Red — for storage of hazardous waste

3.3.4 Yellow — for storage of pathological waste; not for city and municipal regular collection and disposal, but shall be in accordance with the Metro Manila rules and regulations on the collection and disposal of infectious and potentially infectious wastes.

3.4 Refuse/solid waste containers shall be sufficient in number and/or size to store the total volume of refuse produced within the collection period of 2-3 days. It shall be equipped with tight cover and well attached hinged lids to prevent the escape of foul odors and entry of vermin. The maximum weight per bag from residential areas shall be 7.0 kilograms, and from establishments 15 kilograms.

3.5 Other accumulation of refuse/solid waste between collection maybe placed in a container or any size and shape that can be easily lifted and handled without spillage by collector but shall be placed only at the designated collection point and at the designated time.

3.6 Bulky waste, shall be collected separately or scheduled for special collection.

3.7 Tree trimmings may be placed for collection outside of a container provided such trimmings are secured in bundles of convenient weight and size exceeding 1.20 meters in length.

3.8 Ashes shall be placed only in plastic, metal or equivalent containers with covers. Other waste materials shall be placed in sturdy well built containers that will not break, fall apart, rip or tear while being handled by the collector.

3.9 Bulk handling and storage of refuse of any character shall be subject to review by the local health officer as recommended by the sanitary engineer/sanitation inspector. The owner and occupant of any residential, industrial, commercial or business establishment shall make such provisions as the local health officer may require.

3.10 Broken glasses or lamps and other sharps shall be securely enclosed in hard-cardboard with tie to prevent injury of handlers, rip and tear of red bags/containers.

3.11 No burning of waste shall be allowed at source.

3.12 Containers of soiled food, beverage tin cans, bottles and other washable containers shall first be thoroughly washed and dried before placing inside the black-coded trash bags.

3.13 Color coded trash bags should be labeled or tagged with name and address of the institution/owner of the house or establishments.

SECTION 4. SANITARY REQUIREMENTS FOR COLLECTION OF REFUSE/SOLID WASTE.

4.1 All refuse collectors, drivers and those involved in the collection of refuse shall be required to wear proper uniforms, identification card, and shall possess an up-to-date health certificate issued by the local health officer.

4.2 Refuse collectors, drivers and other personnel involved in the collection of refuse shall be required to have annual medical check-up. Health Certificate is non-transferable and shall be renewed at least once a year. Health certificates shall be attached to the upper portion of the refuse collector garment while working.

4.3 Refuse collectors, drivers and other personnel involved in the collection of refuse

shall be required to use personal protective paraphernalia.

4.4 The refuse collectors shall be given orientation by the MMDA on the collection of refuse with particular emphasis on refuse storage, color coding scheme, handling, recycling and disposal.

4.5 The refuse collector shall not be allowed to collect refuse that is not sorted or segregated using color-coding and labeling.

4.6 The collector shall empty and return all containers to the designated collection area with care. Paper and other temporary containers shall be collected.

4.7 The collector shall not dent, bend or otherwise damage or alter the condition of a container.

4.8 A container in poor condition shall not be returned unless specifically requested by the owner. The collector shall thereafter inform the owner to repair or replace the container.

4.9 The collector shall not leave behind the spilled contents of any container, or any refuse falling out of the collection vehicle, or any refuse properly placed in the designated collection area. After collection and prior to transport, a deodorizer should be sprayed on the refuse/solid waste collected.

4.10 Any person who observes any violation of these implementing rules and regulations shall report the plate number of the collection vehicle, the date, place and time of the incident to the MMDA or local health office or to the main office of the refuse collection service.

4.11 No scavenging shall be allowed during the collection and storage.

4.12 Waste containers/bags shall be brought outside the property line of residents only during the scheduled/designated time and upon arrival of garbage collectors.

SECTION 5. SANITARY REQUIREMENTS FOR THE TRANSPORTATION OF REFUSE/SOLID WASTE.

5.1 Vehicle Compartments

5.1.1 The vehicle shall be constructed preferably with two compartments, one for biodegradable wastes painted with green color and the other for non-biodegradable wastes painted with black color. In the absence of such type of vehicle, the following options shall be practiced:

- a. separate placement of refuse within the collection vehicle, or
- b. separate schedule for collection of refuse.

5.1.2 For vehicles with built-in compactor, only the non-biodegradable wastes shall be compacted and the biodegradable wastes hauled in a specially designed compartment.

5.1.3 The special types of wastes shall be collected on a separate vehicle