



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
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CIRCULAR

Sub: Implementation of Central Pollution Control Board Revised Guidelines (Revision-4) for Handling, Treatment, and Disposal of Waste Generated during treatment/Diagnosis/ Quarantine of COVID-19 Patients-reg.

- Ref:-**
1. CPCB Guidelines on Handling and Disposal of COVID-19 BMW issued on 25.03.2020.
 2. CPCB Guidelines on Handling and Disposal of COVID-19 BMW issued on 18.04.2020-(Revision-2).
 3. CPCB Guidelines on Handling and Disposal of COVID-19 BMW issued on 10.06.2020-(Revision-3).
 4. CPCB Guidelines on Handling and Disposal of COVID-19 BMW issued on 17.07.2020-(Revision-4).
 5. Whatsapp message sent to DHO, BBMP.

With reference to above subject, it is to be mentioned that the Central Pollution Control Board (CPCB) has issued guidelines vide ref (1) regarding scientific collection/handling of COVID-19, BMW generated from quarantine homes/centers and other treatment facilities. These guidelines have been partly revised subsequently vide ref (2) to (4). The guidelines, i.e., at ref (1) to ref(3) have already been circulated to all stake holders for implementation. Now the latest partly amended guidelines issued vide ref (4) have to be implemented along with earlier guidelines by stake holders like Sample Collection Centers/Laboratories, Isolation Centers, Health Care facilities/Establishments, local bodies and SPCB's(A copy of guideline is enclosed herewith). As such, the latest revision/amendments to the earlier guidelines issued by the CPCB vide ref (4), have been extracted and reproduced below under the heading of the respective implementation department/organization/stakeholders.

I. COVID-19 Isolation wards: (isolation wards are those where COVID-19 positive patients are being kept for treatment / diagnosis).

- i. Keep separate color coded bins (with foot operated lids)2/bags/containers in wards and maintain proper segregation of waste as per BMW Rules, 2016 as amended and CPCB guidelines for implementation of BMW Management Rules.

- ii. As precaution double layered bags (using 2 bags) should be used for collection of waste from COVID-19 isolation wards so as to ensure adequate strength and no-leaks;
- iii. General solid waste comprising of wrappers of medicines/syringes, fruit peel offs, empty juice bottles or tetra packs, used water bottles, discarded papers, carton boxes of medicines, empty bottles of disinfectants, left-over food, disposable food plates etc., should be collected separately as per SWM Rules, 2016.
- iv. In order to minimize waste generation, as far as possible, non-disposable items must be used for serving food, which are to be handle with appropriate precautions and cleaned and disinfected as per hospital guidelines. If use of disposable items is inevitable, use bio-degradable cutlery. The wet and dry solid waste bags to be tied securely in leak-proof bags, sprayed with sodium hypo-chlorite solution and hand over to authorized waste collector of ULB's on daily basis. Yellow colored bags should not be used for collecting general solid waste.
- v. Used masks, tissues and toiletries, of COVID-19 patient shall become biomedical waste and shall be segregated in yellow bag.
- vi. Segregation of biomedical waste and general solid waste should be done at the point of generation in wards / isolation rooms. There should be no segregation of biomedical waste and solid waste at temporary waste collection / storage area of Healthcare Facility to ensure occupational safety.

II. Responsibilities of persons operating Quarantine Centers/Camps/Home Quarantine or Home-Care facilities.

- i. General solid waste (household waste) generated from quarantine centers or camps should be collected in bags, securely tied and handed-over to municipal solid waste collector identified by Urban Local Bodies for final disposal
- ii. General solid waste should comprise of waste generated from kitchen, packaging material, waste food material, waste papers, waste plastics, floor cleaning dust, etc. including left-over food, disposable utensils, water bottles, tetra packs, used by suspected quarantined persons and COVID-19 patient at homecare or home quarantine.
- iii. Only the used masks, gloves and tissues or swabs contaminated with blood / body fluids of COVID-19 patients, including used syringes, medicines, etc., if any generated should be treated as biomedical waste.
- iv. General solid waste from Quarantine Camps / Quarantine-Home / Home-care shall be segregated separately and disposed as solid waste as per provisions under SWM Rules, 2016.
- v. Left-over food, empty juice bottles or tetra packs, empty water bottles, packaging material and any other items, generated or handled by COVID-19 patient should be collected along with other general solid waste in bags securely tied for handing over to waste collectors
- vi. Engaged by ULBs. Yellow colored bag should not be used for general solid waste.