COVID-19 SOP

MUNICIPAL WASTE MANAGEMENT
SOP ON MUNICIPAL WASTE MANAGEMENT FOR COVID-19

All wastes must be handled with SAFETY PRECAUTION

**Information to households with a person “home isolated”**
- Persons kept in “home isolation” must collect wastes (such as used tissues, face mask, etc.) separately in double bags, close and tie properly when 2/3rd full
- Label the bag as “infectious waste”

**How to collect and transport household waste**
- Designate a separate vehicle for waste collection
- Keep a separate lidded bin in the vehicle to collect infectious waste (waste produced by a person isolated at home)
- Ensure to keep the normal general waste and infectious waste separately
- Safely transport all wastes to the waste management site

**How to dispose waste**
- If incinerator is available incinerate all wastes
- If Incinerator is not available dispose infectious waste (waste produced by a person isolated at home) as mentioned below:
  - Remove/cut lid of an empty oil barrel (standard size)
  - Cover 30 to 40 cm of barrel with sand
  - Put waste on top of sand and burn
  - Burn waste away from community
| How to disinfect waste collection bins and vehicle | ✤ Clean the vehicles properly first with detergents and water, then clean with 1:9 bleach solution (1 part bleach and 9 parts water) and dry  
✄ Clean the vehicles (sea / land) properly first with detergents and water, then clean with 1:9 bleach solution (1 part bleach and 9 parts water) and dry |
| How to ensure workers safety | ✤ Designate trained staffs to handle, collect, transport and dispose wastes from isolated persons home  
✄ Train staffs how to put on and remove Personal protective equipment’s (Gown, heavy duty rubber gloves, face mask, goggles and gumboots/closed shoes)  
✄ Ensure necessary PPE is provided to all staffs and ensure they wear PPE  
✄ Ensure staffs wash their hands frequently |
SEQUENCE FOR PUTTING ON PPE

SEQUENCE FOR PUTTING ON PERSONAL PROTECTIVE EQUIPMENT (PPE)

The type of PPE used will vary based on the level of precautions required, such as standard and contact, droplet or airborne infection isolation precautions. The procedure for putting on and removing PPE should be tailored to the specific type of PPE.

1. GOWN
   • Fully cover torso from neck to knees, arms to end of wrists, and wrap around the back
   • Fasten in back of neck and waist

2. MASK OR RESPIRATOR
   • Secure ties or elastic bands at middle of head and neck
   • Fit flexible band to nose bridge
   • Fit snug to face and below chin
   • Fit-check respirator

3. GOGGLES OR FACE SHIELD
   • Place over face and eyes and adjust to fit

4. GLOVES
   • Extend to cover wrist of isolation gown

USE SAFE WORK PRACTICES TO PROTECT YOURSELF AND LIMIT THE SPREAD OF CONTAMINATION

• Keep hands away from face
• Limit surfaces touched
• Change gloves when torn or heavily contaminated
• Perform hand hygiene
SEQUENCE OF REMOVING PPE

HOW TO SAFELY REMOVE PERSONAL PROTECTIVE EQUIPMENT (PPE)
EXAMPLE 1

There are a variety of ways to safely remove PPE without contaminating your clothing, skin, or mucous membranes with potentially infectious materials. Here is one example. Remove all PPE before exiting the patient room except a respirator, if worn. Remove the respirator after leaving the patient room and closing the door. Remove PPE in the following sequence:

1. GLOVES
   - Outside of gloves are contaminated!
   - If your hands get contaminated during glove removal, immediately wash your hands or use an alcohol-based hand sanitizer
   - Using a gloved hand, grasp the palm area of the other gloved hand and peel off first glove
   - Hold removed glove in gloved hand
   - Slide fingers of ungloved hand under remaining glove at wrist and peel off second glove over first glove
   - Discard gloves in an infectious* waste container

2. GOGGLES OR FACE SHIELD
   - Outside of goggles or face shield are contaminated!
   - If your hands get contaminated during goggle or face shield removal, immediately wash your hands or use an alcohol-based hand sanitizer
   - Remove goggles or face shield from the back by lifting head band or ear pieces
   - If the item is reusable, place in designated receptacle for reprocessing. Otherwise, discard in an infectious* waste container

3. GOWN
   - Gown front and sleeves are contaminated!
   - If your hands get contaminated during gown removal, immediately wash your hands or use an alcohol-based hand sanitizer
   - Unfasten gown ties, taking care that sleeves don’t contact your body when reaching for ties
   - Pull gown away from neck and shoulders, touching inside of gown only
   - Turn gown inside out
   - Fold or roll into a bundle and discard in an infectious* waste container

4. MASK OR RESPIRATOR
   - Front of mask/respirator is contaminated — DO NOT TOUCH!
   - If your hands get contaminated during mask/respirator removal, immediately wash your hands or use an alcohol-based hand sanitizer
   - Grasp bottom ties or elastics of the mask/respirator, then the ones at the top, and remove without touching the front
   - Discard in an infectious* waste container

5. WASH HANDS OR USE AN ALCOHOL-BASED HAND SANITIZER IMMEDIATELY AFTER REMOVING ALL PPE

* An infectious waste container is used to dispose of PPE that is potentially contaminated with Ebola virus.

PERFORM HAND HYGIENE BETWEEN STEPS IF HANDS BECOME CONTAMINATED AND IMMEDIATELY AFTER REMOVING ALL PPE

(CDC logo)
How to Handwash?

WASH HANDS WHEN VISIBLY SOILED! OTHERWISE, USE HANDBRUSH

Duration of the entire procedure: 40-60 seconds

0. Wet hands with water;

1. Apply enough soap to cover all hand surfaces;

2. Rub hands palm to palm;

3. Right palm over left dorsum with interlaced fingers and vice versa;

4. Palm to palm with fingers interlaced;

5. Backs of fingers to opposing palms with fingers interlocked;

6. Rotational rubbing of left thumb clasped in right palm and vice versa;

7. Rotational rubbing, backwards and forwards with clasped fingers of right hand in left palm and vice versa;

8. Rinse hands with water;

9. Dry hands thoroughly with a single use towel;

10. Use towel to turn off faucet;

11. Your hands are now safe.