

COVID-19 Medical Biohazard Waste Instruction

NOTICE

The COVID-19 community-based testing program is a federally supported, state-directed program in collaboration with Verily's Project Baseline.

The testing guide below has been developed to align with guidelines provided by federal and state public health authorities. Parties adopting this guide should work with their clinical operations, environmental health and safety teams, and their state and local authorities to ensure compliance with relevant laws.

DISCLAIMER

- This guide is provided in an effort to assist agencies in establishing "drive-through" COVID-19 sample collection and testing operations. However, each agency's needs or circumstances may differ from the assumptions behind the practices described in this guide, so we cannot and do not make any warranties or representations about them or anything else in this guide.
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- Inclusion in the guide does not mean that Verily supports or recommends a specific treatment, drug, device, physician, test, institution or testing site.

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1. Background

To define how to manage the biohazardous and medical waste at the COVID-19 Pop-Up sample collection sites.

2. Scope

This process instruction applies to the disposal of biohazard waste at COVID-19 drive-thru testing sites only.

3. Terminology

Term/Acronym	Definition
HCP	Healthcare professionals
PPE	Personal Protective Equipment worn by employees for protection against health and safety hazards

4. Materials

4.1. Equipment

- Biohazard Waste Bins
- Secondary Collection Bin (larger than size of biohazard waste bags)

4.2. Consumables

- Biohazard Waste Bags (Red)
- Secondary Bag

5. Environmental Health and Safety

5.1. General

- 5.1.1. Read through the entire document to assure overall understanding of the contents.
- 5.1.2. Verify that training to this document, if applicable, is completed before carrying out the process.

5.2. Safety

- 5.2.1. Assume all samples are infectious and follow PPE and process instructions carefully. Contact your supervisor if you have any questions about specific samples and their handling.
- 5.2.2. Take appropriate precautions when using cleaning agents. Read the Safety Data Sheets and follow the handling instructions carefully.

5.3. Waste

- 5.3.1. Assume all waste generated by this process is infectious and dispose of it in a red biohazard bin/bag.

5.4. Information

- 5.4.1. Please note that you may be exposed to sensitive personally identifiable information (SPII). Take appropriate precautions and do not discuss or disclose.

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6. General Procedures

- 6.1. Setting up Biohazard Waste Bin
 - 6.1.1. Set up Biohazard bin by opening lid with step pedal and placing a red Biohazard Bag inside. Flip the edges of the bag around the rim of the bin. If the bag is loose on the rim then secure by tying a knot on the side at the top of the bag.
- 6.2. Discarding Biohazard Waste Bag
 - 6.2.1. Remove the Biohazard waste bag when it is $\frac{3}{4}$ full. Tie a secure knot in the top with either an overhand knot (twist top of bags until can't twist anymore, and then make a loop and pull end of bag through) or a gooseneck tie (twist and loop like overhand knot, except use a zip tie or duct tape to secure loop). Place the red biohazard bag into a secondary bag. Perform the same securing process on the second bag with either an overhand knot or gooseneck tie. Move secured double-bagged waste to the secondary collection bin.
- 6.3. Safety:
 - 6.3.1. Wear gloves, lab coat or smock, eye protection and all other necessary PPE for area when moving any waste bin.

7. Responsibilities

- 7.1. Healthcare Professionals are responsible for:
 - 7.1.1. Placing all potentially contaminated materials into the red biohazardous waste bins provided including, but not limited to, gloves, gowns, face shield, tyvek coverall, and any other PPE when doffing.
 - 7.1.2. Discarding full biohazard waste bags in the secondary collection bin and replacing with new biohazard bags, according to general protocol.
- 7.2. Environmental Health & Safety is responsible for:
 - 7.2.1. Ensuring the biological waste is being managed in accordance with applicable regulations and laws.
 - 7.2.2. Making this document available to personnel working at the site.
- 7.3. Site Volunteers are responsible for:
 - 7.3.1. Ensuring that all personnel are trained to this SOP and all site-specific regulations.
 - 7.3.2. Assisting with the traffic flow and site logistics.
- 7.4. Local Authorities are responsible for:
 - 7.4.1. Waste removal from sites where a protocol has been established to transfer responsibility.

8. Daily Biohazard Waste Closeout Procedure

- 8.1. All biohazard bags in the secondary grey bins need to be double bagged and secured. Several primary bags can be in one secondary collection bin.
- 8.2. All lids must be fastened.
- 8.3. All bins must be wiped with a 10% bleach solution, or another EPA approved antimicrobial such as Clorox or Lysol Disinfecting wipes.

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9. Medical Waste Work Instruction

- 9.1. Place all potentially contaminated materials in the red biohazardous waste step bin.
- 9.2. Discard all biohazard bags into the collection bins at the site, using general discard protocol.
 - 9.2.1. No secondary collection bin should contain waste that is above 35 lbs in weight.
 - 9.2.2. No loose waste should be placed in the secondary collection bin, all waste must be in a red biohazardous waste bag.
- 9.3. All secondary collection bins must remain closed unless waste is being added.
- 9.4. Prior to transport, verify that:
 - 9.4.1. All bags are contained within a second layer of bags, which is also goosenecked and tied.
 - 9.4.2. The lids are properly secured.
- 9.5. Decontaminate the outside of the bins with 10% bleach solution or another EPA approved antimicrobial such as Clorox or Lysol Disinfecting wipes.
- 9.6. Bins are then processed according to site-specific waste removal protocol.