Husbandry Procedures for Pigs, Dogs and Sheep
Requiring Containment Housing

1. Containment PPE is donned outside of the housing room. This includes:
   a. Disposable plastic gown
   b. Waterproof shoe covers
   c. Hair bonnet
   d. N95 respirator when spraying; surgical mask when not spraying/creating aerosols
   e. Double pair of examination gloves
   f. Eye protection
      i. Sealed eye protection when spraying cages/runs/room.
      ii. Protective safety glasses, goggles, or face shield when not spraying. Prescription glasses cannot be used in place of safety glasses (goggles must be placed over prescription glasses).

2. Animals will be housed in spray down pens.
   a. Animals will be single housed unless otherwise determined by faculty veterinarian and the Principal Investigator.
   b. Follow health check, feeding, and weighing procedures outlined in the Pig Husbandry SOP, Dog Husbandry SOP and Sheep Husbandry SOP
   c. Change gloves and gown between different investigators and between different agents for the same investigator.
   d. Handle control animals before hazardous animals.

3. Experimental procedures will be performed in the housing room. Follow transportation guidelines outlined in the Animals Administered a Hazardous Substance Requiring Containment SOP.

4. Transfer animal to a clean pen daily.
   a. Spray dirty pen, feed and/or water bowl, enrichment items with water daily after animal is moved to a clean pen.
      i. Label pen as “dirty” until it has been cleaned as outlined in the Procedures for Cleaning and Sanitizing Large Animal Rooms and Equipment SOP.
   b. Collect any uneaten food and non-reusable enrichment items in a lined fiber drum for HazMat disposal.
      i. This includes food containing a chemical or infectious hazard.
      ii. Fiber drum needs to be appropriately labeled for the hazard it contains. See section 5.k in the Animals Administered a Hazardous Substance Requiring Containment SOP.
   c. If hazardous agent is administered in the water:
      i. For chemical agents, see section 5.k.ii in the Animals Administered a Hazardous Substance Requiring Containment SOP.
      ii. For infectious agents, collected water in a container for decontamination. Add 1 cup of bleach to the container and wait 20 minutes before dumping liquid down the drain.

5. Foam pens and aisles weekly, or as needed, as outlined in the Procedures for Cleaning and Sanitizing Large Animal Rooms and Equipment SOP.

6. At study completion, foam the entire room as outlined in the Procedures for Cleaning and Sanitizing Large Animal Rooms and Equipment SOP.

7. Pretreat reusable enrichment items and feed and/or water bowls from infectious hazard cages weekly with Labsan 256 CPQ, using appropriate tip. Let stand for 10 minutes before taking to cagewash.
   i. Cover items with a plastic bag.
   ii. Place a biohazard sticker on the plastic bag when transporting through the halls.

8. Reusable enrichment items, watering devices, and feed bowls from chemical hazard cages can be covered and taken directly to cagewash, no pretreatment or labeling required.

9. Doff PPE inside the housing room and collect in a lined fiber drum for HazMat disposal.

10. Refer to Appendix I of Animals Administered a Hazardous Substance Requiring Containment SOP for Cagewash Procedures for Processing Caging from Containment Housing Rooms.

11. Label cage cards as described in section 5.b in the Animals Administered a Hazardous Substance Requiring Containment SOP.
   a. Thoroughly wet cage cards (sprayed, not dipped) with Clidox or bleach water and allow to dry prior to returning to the ULAM barcode team for deactivation.
   b. Thoroughly wet (sprayed, not dipped) any acetates used on cages with Clidox or bleach water and allow to air dry prior to returning to the supply box for the housing room.

12. Tech time will be charged for any tasks that are above and beyond standard husbandry as there is no biohazard pig, dog or sheep per diem.

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