

1. PURPOSE

This Standard Operating Procedure (SOP) describes the daily routine for macaque care.

2. RESPONSIBILITY

Animal care staff, facility supervisor, facilities manager

3. MATERIALS

- 3.1. Personal protective equipment:
 - 3.1.1. Shoe covers
 - 3.1.2. Laboratory gown
 - 3.1.3. Hair bonnet
 - 3.1.4. N-95 Mask
 - 3.1.5. Gloves
 - 3.1.6. Face shield
 - 3.1.7. Protective Kevlar® sleeves (optional)
- 3.2. Diet:
 - 3.2.1. Appropriate animal diet (within six months of the milling date)
 - 3.2.2. Fresh fruits and other special treats (appropriate for human consumption)
- 3.3. Clean water bottles
- 3.4. Clean cage trays with bedding
- 3.5. Clean environmental enrichment devices
- 3.6. Clean cages
- 3.7. Bedding
- 3.8. Cage cards
- 3.9. Disinfectant

4. PROCEDURES

- 4.1. Daily:
 - 4.1.1. Log temperature (min/max) and humidity (min/max). Report any abnormality of environmental conditions (temperature, humidity, light, noise) to the supervisor
 - 4.1.2. Observe all cages for illness, injury and general condition of animals.
 - 4.1.3. Take note of signs posted in the room or on cages/enclosures for animals that are to be fed or watered by the research or veterinary care staff.
 - 4.1.4. Empty water bottles, rinse and fill with fresh water daily.
 - 4.1.5. Check automatic watering devices and flush them weekly for proper operation.
 - 4.1.6. Feed the number of cookies as indicated on the cage card at each feeding (morning and afternoon).
 - 4.1.7. Cage pans are cleaned three times per week, at a minimum.
 - 4.1.8. Clean walls surrounding the cages if necessary.
 - 4.1.9. Wash the floors with disinfectant solution.

- 4.1.10. Bring waste to compactor.
- 4.1.11. Reset temperature/humidity meter
- 4.2. Weekly:
 - 4.2.1. Change cages once every two weeks, at a minimum:
 - 4.2.1.1. Cover cage and bring to cage wash area.
 - 4.2.1.2. Environmental enrichment devices are cleaned and replaced at the time the cages are changed.
 - 4.2.2. Wash enclosures every two weeks, at a minimum:
 - 4.2.2.1. Remove soiled bedding.
 - 4.2.2.2. Clean the soiled cage thoroughly by hosing down and removing debris.
 - 4.2.2.3. Spray with disinfectant and let sit. Remove debris using a brush if necessary.
 - 4.2.2.4. Rinse cage thoroughly then add clean bedding.
 - 4.2.2.5. Environmental enrichment devices are cleaned and replaced at the time the enclosures are cleaned.
 - 4.2.2.6. Foraging treats can be added to the clean bedding before returning animals to the enclosure.
 - 4.2.3. Flush the floor drains.
 - 4.2.4. Launder lab coats, Kevlar® sleeves.
 - 4.2.5. Clean face shields.
 - 4.2.6. Restock supplies (mask, gloves, feed, bedding, etc.)
- 4.3. Monthly:
 - 4.3.1. Clean the walls with disinfectant solution
 - 4.3.2. Wipe down all surfaces such as sinks, doors, doorjambes and doorknobs, windows, cart tops, shelves, etc. with the disinfectant solution.
 - 4.3.3. Run garbage container through cage washer.
- 4.4. Preparation disinfecting solution:
 - 4.4.1. Wear personal protective equipment when preparing and using disinfectant solution.
 - 4.4.2. Dilute according to manufacturer's recommendation.
 - 4.4.3. Clean surfaces prior to disinfection to remove any organic material.
 - 4.4.4. Apply disinfectant and allow for adequate contact time.
- 4.5. Waste Management:
 - 4.5.1. Deposit non-regulated or non-infectious Medical Waste and soiled materials in dumpsters.
 - 4.5.2. Regulated or infectious Medical Waste is processed by McGill University's Waste Management program.

5. SAFETY

- 5.1. Observe the Macaque-Related Injury SOP.