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, doorjambs 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.