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## STANDARD OPERATING PROCEDURE

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**TITLE:** Non Human Primate Waste, and Carcass Disposal and Laundry Handling, Non-Human Primate Module ( NHPM) West Valley Building, University of Western Ontario

**SOP NO.:** WV 150-01

**REVISION:** 01

**EFF. DATE:** DRAFT

**SUPERSEDES:**

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### APPROVALS

Prepared by (print name): \_\_\_\_\_ Dept.: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed by (print name): \_\_\_\_\_ Dept.: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Approved by (print name): \_\_\_\_\_ Dept.: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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### 1.0 PURPOSE

1.1 To outline the waste, carcass and laundry handling procedures for the Non Human Primate Module ( NHPM) , West Valley Building, University of Western Ontario.

### 2.0 SCOPE

2.1 This SOP applies to all approved personnel who work within the Non Human Primate Module in the West Valley Building, University of Western Ontario

### 3.0 RESPONSIBILITIES

3.1 ACVS and RESEARCH STAFF

3.1.1 All personnel involved with primates are responsible for understanding and following the contents of this safety document. Failure to do so will result in retraction of privileges for work within this unit, based on the criminal liabilities held by management through Bill C-145 legislation.

### 4.0 PROCEDURE

4.1 **Waste Disposal**

4.1.1 Garbage is gathered and removed from the unit as needed on weekdays.

4.1.2 Weekends and statutory holidays the garbage is placed in a wheelbarrow located in room 45

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- 4.1.3 All waste from the primate unit is produced by primates directly or in association with the primates during procedures, surgery, treatments etc. Waste will be double bagged and labeled with orange tape to indicate waste class A2.
- 4.1.4 All waste bags will be decontaminated with the approved disinfectant Quatricide PV-15 prior to removal from the NHPM. Hydrochem stations located in all housing rooms and decontamination room 45 dispense the approved disinfectant at the appropriate dilution.
- 4.1.5 All waste is placed in covered wheel barrows to be transported out of the unit for incineration in Health Sciences animal facility. Transport is allowed before 8:00am and after 5:00pm weekdays ,and stored in cool room 7E in West Valley in the interim.

### 4.1.5.1 Weekday Waste Disposal

- 4.1.5.1.1 Take waste in wheel barrow down to decontamination room 45  
Refer to Attachment A for a map of the NHPM module
- 4.1.5.1.2 Place cover on wheel barrow and spray to decontaminate all surfaces and wheels with the hydrochem station
- 4.1.5.1.3 Roll wet wheel barrow into airlock TA-7
- 4.1.5.1.4 A Wheel barrow with cover is retrieved from hallway TA-4 for temporary storage in cool room 7E or direct transport to Health Sciences for incineration as per 4.1.5 Refer to Attachment B

### 4.1.5.2 Weekend and Statutory Holiday Waste Disposal

- 4.1.5.2.1 Waste will be transported to decontamination room 45 for removal Monday or next business day by animal care staff

- 4.1.6 All wheelbarrows removed from the NHP unit must ultimately be returned by AC staff. Minimum number of wheelbarrows in the unit at one time will be determined by the head AC primate technicians and current animal populations.

## 4.2 Carcass Disposal

- 4.2.1 All carcasses and unfixed tissues are double bagged and labeled with orange tape to indicate waste class A2.
- 4.2.2 Place in wheel barrows in decontamination room 45
- 4.2.3 Dispose as per 4.1.5.1

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### 4.3 NHPM Laundry Handling

- 4.3.1 Laundry from the NHPM must be autoclaved prior to laundering. This includes coveralls and dirty ( soak through coveralls) scrubs that remain on the dirty side of the clean bench. Scrubs from room 30A/B are retrieved and laundered from Room 30 without the need to autoclave
    - 4.3.1.1 Those who need to remove soaks or dirty scrubs from the dirty side may
  - 4.3.2 Coveralls, tyvek sleeves and gowns are collected weekly by animal care staff in a laundry bag from the dirty side of room 30D. Refer to Attachment A.
  - 4.3.3 All dirty laundry must be autoclaved out through Room 50A prior to being laundered in Room 6 Refer to Attachment B. Label contents and place within Autoclave 50 A when “ occupied” light from the PSM unit is switched off.
  - 4.3.4 Co-ordinate laundry cycle with PSM animal care to be autoclaved together with sheep laundry.
    - 4.3.4.1 Laundry is autoclaved from Room 50A on “Sheep” cycle operation as per *Autoclave SOP.WV 622 Handling and Removing Items from the Pregnant Sheep Module, West Valley Building, University of Western Ontario*
  - 4.3.5 4.3.5 Autoclave room 50A is SHARED with the Pregnant Sheep Module located to the east of the NHPM. Please refer to Attachment A for a site map to understand the location and relationship of decontamination room 45 ( NHPM) , decontamination room 50 ( PSM) and autoclave room 50 between them
  - 4.3.6 Autoclave room 50 has an integrated security interlocking system that controls access from either side based on timed release after occupancy from either direction.
  - 4.3.7 Prepare items for autoclaving and enter room 45, and clean your boots and gloves with Hydrochem before entry
  - 4.3.8 The door to Room 50 will not open if currently occupied by PSM staff and for approximately 10 minutes afterwards, as the air goes though a complete fresh air exchange. An “ Occupied “ sign will be lit at ceiling level if this is he case
  - 4.3.9 Open the door with your security card and proceed to load the autoclave OR leave laundry for PSM ACVS staff.. Please refer to *SOP XXX Operation and Maintenance of Steris Autoclave XXX,*
  - 4.3.10 Ensure you leave the room, 50A clean and free of items from the NHPM prior to exit
  - 4.3.11 Swipe you security card and enter room 45 and exit.
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### 5.0 HEALTH & SAFETY

- 5.1 Nonhuman primates ( NHP's) present hazards related to naturally occurring zoonotic organisms which may be transmitted to humans. People also transmit zoonotic agents to NHP's. NHP's also present unique hazards due to their intelligence, manual dexterity, strength and speed . Please refer to SOP WV611-02 “ *Safety and Animal Handling Procedures for NonHuman Primates ( NHP's) Non Human Primate Module, West Valley Building, UWO*
- 5.2 Direct contact with NHP's requires in depth training on risks and standard operating procedures, participation in a surveillance health program as well as documented proof of training and security clearance monitored by the facility manager. Please refer to SOP WV169 “ *Non Human Primate Approval Policy, West Valley Building, UWO.*
- 5.3 All approved personnel must be enrolled, approved and monitored in the animal handlers medical surveillance program through workplace health, UWO
- 5.4 NHP housing facilities at West Valley , UWO are designed and operated at the standards required by Health Canada and Canadian Food Inspection Agency .

### 6.0 REVISION HISTORY

Revision	Reason(s) for Revision	Initiated by

### 7.0 REFERENCES / ASSOCIATED MATERIALS

- 7.1 All NHPM associated Standard Operating Procedures

### 8.0 ATTACHMENTS

- 8.1 Attachment A : NHPM module map
- 8.2 Attachment B NHPM Waste Route