



Standard Operating Procedure  
Center for Neuroscience Annex  
Teaching and Research Animal Care Services

<b>Title:</b> <i>Handling Biological Waste</i>	<b>SOP No.:</b> 20-130	<b>Version:</b> 2
<b>Issue Date:</b> 6/23/2023	<b>Page 1 of 3</b>	<b>Next Review Date:</b> 6/23/2026

1.0 Purpose:

The purpose of this Standard Operating Procedure is to explain the specific details on proper handling and disposal of biological waste in the Annex. Additional prerequisite training materials through the Safety Services Biological Safety Office is required and explained under the “Prerequisite Training Materials” section.

2.0 Scope/Responsibility:

These procedures are initiated and reviewed by the Facility Manager and completed by TRACS husbandry staff, and laboratory staff who have trained on all information listed under “Prerequisite Training Materials” and this SOP.

3.0 Prerequisite Training Materials:

- 3.1 The UC Davis eLearning class titled “UC Davis Medical Waste Management Training” at <http://safetyservices.ucdavis.edu/training/uc-davis-medical-waste-management-training>
- 3.2 The UC Davis Medical Waste Management Plan at <http://safetyservices.ucdavis.edu/sites/default/files/documents/MedicalWasteManagementPlan.pdf>
- 3.3 The Center for Neuroscience Departmental Medical Waste Information Factsheet (Appendix 1).

4.0 Materials:

- 4.1 Appropriately sized waste container (secondary container)
- 4.2 Red biohazard bags
- 4.3 Manifest
- 4.4 Label

5.0 Procedures:

- 5.1 Obtain the appropriate sized container from the accumulation site (shed).
- 5.2 Take the container to the site where it will be utilized for waste accumulation.
- 5.3 Place a red liner inside the waste container.
- 5.4 Place all biological waste, including CLOSED sharps containers, in the lined container.
  - 5.4.1 Note: Chemotherapy waste, pharmaceutical waste, and pathology waste **cannot** be placed in this container!
- 5.5 The bag will be sealed by trained laboratory personnel when the container is approximately 2/3 – 3/4 full or the day before pick up by twisting the top of the bag and forming an overhand knot. Do NOT use tape of any kind to seal the bags.

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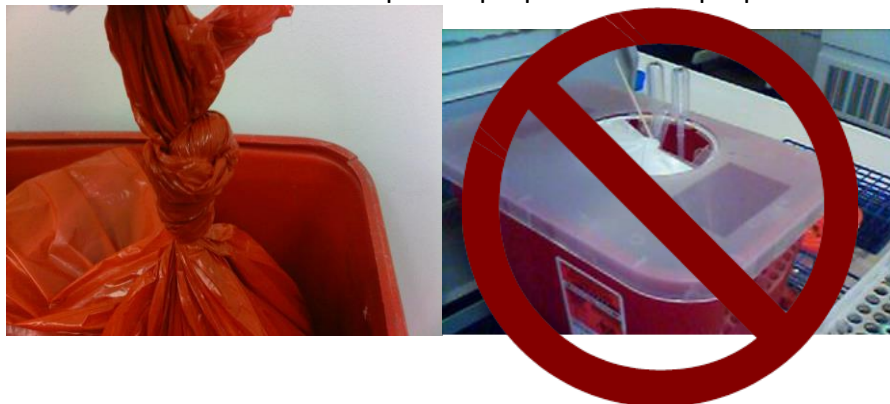
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- 5.5.1 Note: Waste must be picked up every 7 days. The pickup day is Thursday.
- 5.6 Trained personnel will transport this sealed and closed container to the accumulation site.
  - 5.6.1 Exit through the back of the vivarium.
    - 5.6.1.1 Spray the outside of the container (especially around the lid) with Cavicide.
    - 5.6.1.2 Remove shoe covers and gloves when exiting the vivarium.
    - 5.6.1.3 Place shoe covers and gloves into the container near the exit door.
    - 5.6.1.4 Disable the alarm prior to exiting the back door of the vivarium (DO NOT PROP THE DOOR OPEN!)
  - 5.6.2 Exit through the north lab corridor door.
    - 5.6.2.1 Spray the outside of the container (especially around the lid) with Cavicide.
    - 5.6.2.2 Wait 3 minutes for the disinfectant to work.
    - 5.6.2.3 Remove ALL PPE prior to exiting the north door.
    - 5.6.2.4 Disable the alarm prior to exiting (DO NOT PROP THE DOOR OPEN!)
- 5.7 Complete paperwork
  - 5.7.1 Place the manifest label on the side of the sealed and closed container, date the label and leave it in the designated area of the accumulation site for pick-up by STERICYCLE.
  - 5.7.2 Write the building name (Annex) and room number on the bag with a sharpie.
  - 5.7.3 Complete the information on the medical waste log.
  - 5.7.4 Place the container the farthest in the rear of the shed as possible. Containers can be stacked one on top of the other as long as the container on top is equal or lesser sized.
  - 5.7.5 If entering through the vivarium, don a new pair of gloves and shoe covers at the door (you must also have your lab coat, mask and face shield or safety glasses on).
- 5.8 The trained lab person will then get a clean appropriate sized STERICYCLE container and take it back up to their lab for use.
- 5.9 On Wednesday, before the Stericycle pickup on Thursday, the designated trained personnel will check all containers, and sign the manifest. Stericycle will write the number of containers on the manifest.
- 5.10 Pictured examples of proper versus improper waste handling.



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***Revision History:***

<b>Revision</b>	<b>Author</b>	<b>Revisions Made</b>	<b>Effective Date</b>
00	Crystyn Chase	New SOP	11/2/2011
01	Lisa Laughlin	Rev 01	8/26/2015
02	Lisa Laughlin	Rev 02	12/15/2016
03	Lisa Laughlin	Rev 03	6/23/2023

# Department Medical Waste Information



## Principal Investigator (PI) or Responsible Party (RP) Name and Department

Stephanie Machado, Center for Neuroscience Safety and Facility Manager

## PI/RP Contact Information

530-757-8905 (office)/707-761-7360 (cell)

## Emergency Contact Information

[slmachado@ucdavis.edu](mailto:slmachado@ucdavis.edu)

## Lab Location(s)

1633 DaVinci Court, 1544 Newton Court, and 1515 Newton Court on the Davis Campus

## Type(s) of Medical Waste Generated

Red Bag (solid) Laboratory Waste, Red Bag (solid) Pathology Waste, Red Bag (solid) Chemo Waste.

## Medical Waste Generators/Handlers

All Center for Neuroscience research laboratories on the Davis Campus.

- 1) CNS-Annex: 1633 DaVinci Court
- 2) CNS: 1544 Newton Court
- 3) SOM-Neurosciences and CNS: 1515 Newton Court

## Potentially Infectious Material(s) Used

Biohazards waste is a waste that may contain pathogens capable of replication and capable of causing disease in humans, animals or plants.

Medical waste is biohazardous waste and/or sharps waste that may contain agents infectious to humans.

## Medical Waste Accumulation Site (MWAS) Location

1633 DaVinci Court (waste shed), 1544 Newton Court (rm. 141), and 1515 Newton Court (rm. 425)

## Medical Waste Accumulation Site Contact Information

[Stephanie Machado- 530-757-8905 \(office\)/707-761-7360 \(cell\)/slmachado@ucdavis.edu](mailto:slmachado@ucdavis.edu)