ENVIRONMENT, HEALTH & SAFETY
UNIVERSITY OF MICHIGAN

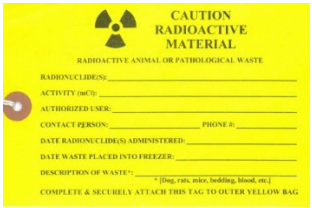
Preparing Animal Waste and Bedding Contaminated with Radioactive Material for Collection

Standard Operating Procedure

Revision Date: 08/16/23

Labeling Tag

All bags of animal waste and bedding contaminated with radioactive material must have a completed "CAUTION RADIOACTIVE MATERIAL" tag attached to them.


CAUTION
RADIOACTIVE
MATERIAL

RADIOACTIVE ANIMAL OR PATHOLOGICAL WASTE

RADIONUCLIDE(S): _____

ACTIVITY (mCi): _____

AUTHORIZED USER: _____

CONTACT PERSON: _____ PHONE #: _____

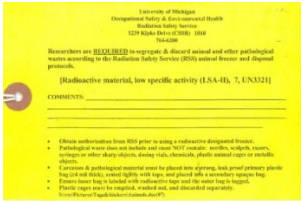
DATE RADIONUCLIDE(S) ADMINISTERED: _____

DATE WASTE PLACED INTO FREEZER: _____

DESCRIPTION OF WASTE*): _____

* [Dog, rats, mice, bedding, blood, etc.]

COMPLETE & SECURELY ATTACH THIS TAG TO OUTER YELLOW BAG


University of Michigan
Occupational Safety & Environmental Health
Radiation Safety Service
3229 Kipke Drive (CSSB) 1010
764-6200

Researchers are REQUIRED to segregate & discard animal and other pathological wastes according to the Radiation Safety Service (RSS) animal freezer and disposal protocols.

[Radioactive material, low specific activity (LSA-II), 7, UN3321]

COMMENTS: _____

- Obtain authorization from RSS prior to using a radioactive designated freezer.
- Pathological waste does not include cut meat NOT contain: needles, scalpels, razors, syringes or other sharp objects, dosing vials, chemicals, plastic animal cages or metallic objects.
- Carcasses & pathological material must be placed into a jiffybag, leak proof primary plastic bag (ml mil thick), sealed tightly with tape, and placed with a secondary ziplock bag.
- Ensure inner bag is labeled with radioactive tape and the outer bag is tagged.
- Plastic cages must be emptied, washed out, and discarded separately.

Supplies Available through HMM

To order the following supplies, contact HMM at (734) 763-4568:

- Yellow bags
- Labeling tag

Procedure: Preparing Animal Waste and Bedding Contaminated with Radioactive Material for Collection

1. Place cage/pen waste (animal excreta and bedding) in the yellow leak-proof plastic bag provided by HMM.
2. Seal the bag tightly with "Caution Radioactive Material" labeling tape.
3. Complete and attach the "CAUTION RADIOACTIVE MATERIAL: RADIOACTIVE ANIMAL OR PATHOLOGICAL WASTE" tag on the bag with the following information:

   - RADIONUCLIDE(S)
   - ACTIVITY (mCi)
   - AUTHORIZED USER/INVESTIGATOR'S NAME
   - CONTACT PERSON AND PHONE NUMBER
   - DATE RADIONUCLIDE(S) ADMINISTERED
   - DATE WASTE PLACED INTO FREEZER
   - DESCRIPTION OF WASTE (SUCH AS DOGS, RATS, MICE, BEDDING, BLOOD)
   - COMMENTS

4. Place the bag in a freezer designated for animals containing radioactive material.
5. Call HMM at (734) 763-4568 for collection.
   NOTE: Hazardous Material Management will collect and dispose of all forms of radioactive waste.