

APPENDIX VII

Radioisotope Inventory and Disposal Log Sheet

Radiation Safety Office

UNIVERSITY OF ARKANSAS AT LITTLE ROCK

RADIOISOTOPE INVENTORY AND DISPOSAL LOG

USER: _____
 NUCLIDE: _____

ROOM NO.: _____

CHEMICAL FORM: _____

VENDOR: _____
 P.O. NO: _____
 CATALOG NUMBER: _____

DELIVERY DATE: ____/____/____
 ACTIVITY DELIVERED: _____.____ mCi
 LOT NUMBER: _____
 ASSAY DATE: ____/____/____

PACKAGE SURVEY AND WIPE TEST RESULTS

- [:] This package is exempt from survey requirements [RH-1307 (c) (1) and has NO evidence of shipping damage.
- [:] Radiation survey required. Results are : mR/hr @ surface
- [:] Contamination survey required. Interior wipe: net DPM
 Exterior wipe net DPM mR/hr @ 3 feet
- Package Comments: _____

RECORD ALL USAGE IN MILLICURIE UNITS (mCi) .

DATE	mCi USED	DRAIN	L.S.V.	SOLID	LIQUID	TRANSFER TO:	
	mCi USED	DRAIN	L.S.V.	ANIMALS	SOLID	LIQUID	TRANSFER TO:
							TOTALS

TOTAL UNUSED: _____

Return this form to RSO Office (ETAS 329) promptly upon completion.

APPENDIX VII (cont.)

Radioisotope Inventory and Disposal Log Sheet
 (Instructions for completing record)

All use and disposal of radioisotopes should be recorded on the appropriate radioisotope inventory and disposal log sheet. Each use of radioisotopes should be documented by entering the date, amount used, and the amount disposed of by each of the listed disposal methods.

All usage should be recorded in **millicurie** (mCi) units. Using units of volume, such as microliters, is ineffective because the specific activity of each shipment is not known and the conversion to units of activity can not be done.

Radioisotope decay can be ignored for the purposes of recording usage and disposal on the log sheet.

The following list gives the use of the different columns found on the log sheet.

1. Date- The date the material was used. Each use of the radioisotope should be recorded on the log sheet immediately.
2. mCi- The total amount of activity removed from the container during a particular usage.
3. Drain- The amount of activity that is disposed of by pouring it down the drain or sanitary sewer.
4. Vials- The amount of activity disposed of in liquid scintillation vials to be disposed of by RSO.
5. Solid- The amount of activity in dry solid form, placed in yellow bag waste containers.
6. Liquid- The amount of activity found in collected liquid waste. The container should be appropriate for the liquid or chemical found in the waste.
7. Transferred- The amount of activity transferred to another approved or authorized user of radioactive material. The RSO should approve all transfers before the transfer occurs.

All columns should be totaled at the end of isotope use. All activity should be accounted for on the disposal log. The log sheet or a photocopy should be returned to RSO when use of the radioisotope is complete. Each radioisotope shipment remains in your possession until the completed log sheet is returned to RSO.