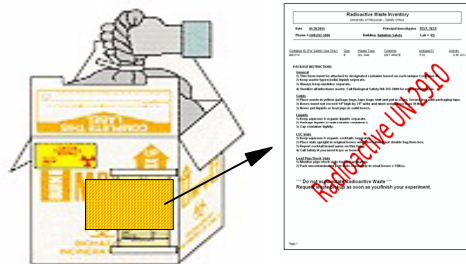


Radioactive Waste Disposal Guidelines

General Requirements

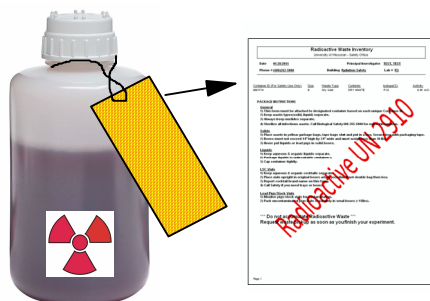
- ◆ Use the Health Physics Assistant to request a radioactive waste pickup.
- ◆ A completed Radioactive Waste Report form must accompany all waste. The form will be generated through the Health Physics Assistant's waste pickup system.
- ◆ Keep waste types (e.g., solids, liquids, etc.) separated. Keep aqueous separate from organic liquids.
- ◆ Keep radionuclides separate (e.g., ^{32}P and ^{35}S wastes should be segregated).
- ◆ Solid waste must be in a yellow bag. The bag must be placed in a cardboard box.
- ◆ Radioactive waste bags, carboys, and containers may be requested via waste pickup order through the Health Physics Assistant .

Solid Waste



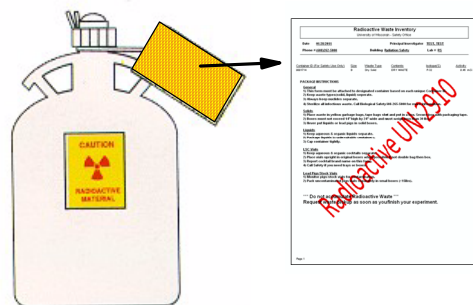
- ◆ Use yellow bags for waste.
- ◆ Package sharps inside plastic / cardboard containers.
- ◆ No lead pigs, no liquids -- package these separately.
- ◆ Box or bag must be labeled with a Radioactive Waste report.
- ◆ Boxes must be smaller than 14" x 24"

Small Volume Liquid Wastes



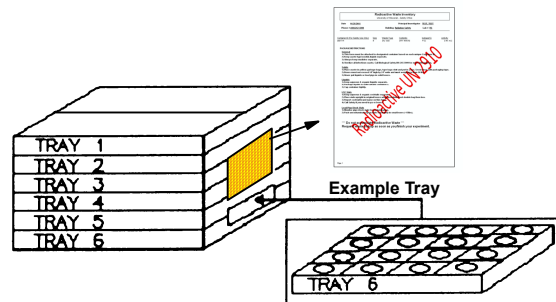
- ◆ Except for carboys, liquid containers should be larger than 500ml and smaller than 4 liters. Request additional containers through a Health Physics Assistant waste pickup order.
- ◆ Place caps on bottles and tighten firmly.
- ◆ Attach a Radioactive Waste report form to each bottle -- identify all constituents by percent (%) of weight or volume.

Carboys



- ◆ Use for large volumes of low concentration liquid wastes.
- ◆ Use round carboys for organic wastes, square carboys for aqueous wastes.
- ◆ Attach Radioactive Waste report form to each carboy.
- ◆ Identify all constituents by percent (%) of weight or volume.

LSC Vials



- ◆ Package 20 ml vials in their original trays and boxes.
- ◆ Mini-vials may be placed in a plastic bag. Place the bag in a box with absorbent material in the bottom to soak up any leakage.
- ◆ Label box with a Radioactive Waste report form -- include cocktail brand name (e.g., Biosafe II) on the form.
- ◆ Do not empty LSC vials into any other containers.
- ◆ Keep organic vials separated from Biosafe vials.