# 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.
- Labs shall ensure that all waste containers (cardboard boxes, carboys, liquid bottles) are free of contamination before requesting a waste pickup.

## 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 500 mL and smaller than 4 L. 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 from 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 II vials.