

Biohazardous Waste Disposal

Biohazardous Waste	Storage/Treatment	Disposal
 SHARPS: Hypodermic needles with attached syringe, scalpels, razors, microscope slides. Never remove needles from syringes!	 RED Sharps Container. Contact EH&S Biosafety to obtain Sharps Container for your lab.	 Close sharps container, label with PI name and location, then dispose container in biohazardous waste collection site.
 SOLID WASTE: Pipette tips, serological pipettes, disposable culture flasks & plates, contaminated animal bedding, human specimen samples and unrecognizable tissue.	 Double red biohazard bags* in closed, rigid, leak-proof container with biohazard symbols on all sides and top. Do not fill up bag more than 45 lbs. or 20 kgs.	 Double-bag the red biohazard bag, close via zip-tie or autoclave tape, label with PI name and location, then dispose bag in biohazard waste collection site.
 LIQUID WASTE: Cell culture supernatant, infectious pathogen stocks, cultures with recombinant DNA, liquid containing biohazards, human and animal blood and body fluids.	 Decontaminate liquid using bleach to achieve final 1:10 concentration (1 part bleach, 9 parts liquid waste; final bleach concentration = 0.5%) for a duration of 30 minutes. Other disinfectants, treat as chemical waste.	 Dispose bleached liquid waste into laboratory sink drain using copious amounts of running water. With any other chemical disinfectants, follow WASTE process to label and request pickup.
 BIOHAZARDOUS CONTAMINATED GLASS	 Dispose glass in red sharps container. If glass is broken, use brush/dustpan to sweep into container. Decontaminate brush/dustpan by submerging in 1:10 bleach bath for 30 min.	 Close sharps container, label with PI name and location, then dispose container in biohazardous waste collection site.
 NON-CONTAMINATED GLASS	 Store in cardboard box or plastic bin designated for non-contaminated broken glass. Do not fill up box/bin more than 45 lbs. or 20 kgs.	 Laboratory personnel must close/secure the box and then dispose of the non-contaminated broken glass box in the building's regular trash dumpster.
 ANIMAL CARCASSES: Inoculated with recombinant DNA or infected with pathogens.	 Double red biohazard bags* in closed, rigid, leak-proof container with biohazard symbols on all sides and top unless directly transferred to vivarium freezer.	 Designated vivarium freezer for biohazardous carcasses. Regularly picked up by approved vendor under contract with Office of the Campus Vet.
 INFECTED OR TRANSGENIC PLANT MATERIALS AND SOIL	 Place in CLEAR biohazard bag. If required by applicable federal or state permits, autoclave according to permit conditions.	 Close via zip-tie or autoclave tape, label with PI name and location, then dispose bag in biohazard waste collection site.
NON-INFECTED OR NON-TRANSGENIC PLANT MATERIALS AND SOIL	 Place in CLEAR, non-printed bag, then dispose in regular trash.	 Dispose in regular trash dumpster.



NEVER temporarily store filled biohazard waste bags outside of a **closed, rigid container**, for **ANY** amount of time.

If the biohazard waste collection site is overflowing, immediately contact EH&S at ehswaste@ucr.edu.

*Per California law, biohazard bags must be dual-tested to **ASTM D1709** and **D1922** standards.

Chemically or radioactively contaminated biohazardous waste must be **WASTE** tagged as chemical or radioactive waste.



Environmental Health & Safety

Aug 2026