

HEALTH SCIENCES CENTER BIOMEDICAL WASTE STREAMS

If your infectious wastes contains any **radioactive** materials or hazardous **chemicals**, these materials may not be addressed here.
 Refer to the Radiation Safety Waste Manual and/or the Hazardous Waste Generators Manual
 for instructions on disposal of those wastes or contact Health & Safety for assistance (303 315 - 5890).

BIOMEDICAL WASTE THAT MUST BE INCINERATED (Use **Yellow** Barcode Label & Yellow tubs for incinerate wastes)

Description	<p>Human tissues, organs, pathological wastes</p> <p>Non-human primate tissues, organs, pathological wastes</p> <p>ONLY those animals, animal tissues or organs which have been infected with infectious agents, as part of the experimental design or because of disease outbreak in the colony</p>	<p>Cultures and items used to manipulate cultures that contain toxic drugs, chemicals or cytotoxic / chemotherapy agents.</p>	<p>Contaminated animal bedding from animals administered infectious agents, toxic drugs, chemicals, cytotoxic/ chemotherapy agents.</p> <p>Many toxic chemicals or metabolites are excreted by the animal within 24 to 48 hours of being administered.</p> <p>All animal carcasses in the Incinerate category are to be held in the <i>freezer</i> within the CLAC until disposal.</p>
Segregation & Collection	<p>Empty tubs and red bags are delivered to laboratories by CES (housekeeping) personnel.</p> <p>Full tubs must be labeled with a barcode label.</p> <p>They should weigh about 35 to 40 pounds when full.</p> <p>They are picked up by CES personnel when full.</p>		

Lab Glassware/Plasticware** Laboratory glassware/plasticware which could puncture a plastic bag but which is **not infectious**, can be disposed of as regular solid waste (i.e. as household waste). All BROKEN glassware must be sealed in a sturdy cardboard box and labeled as broken glassware.

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BIOMEDICAL WASTE THAT NEED TO BE AUTOCLAVED (Use **White** Barcode Label & Red tubs)

	Biomedical/Infectious waste	Sharps Waste	Cell Culture Wastes
Description	Human blood Human bodily fluids Cultures and stock vials of infectious agents Tissue culture/cell lines derived from human cells Tissue culture/cell lines immortalized with infectious agents (CMV, EBV, etc)	Needles, Scalpels Razor blades, Lancets Glass pipettes Microscope slides	Cell culture and items used to manipulate cultures
Segregation & Collection	<p>LIQUID WASTES must be segregated. There can be no standing liquids in the waste tubs.</p> <p>Collect in a leakproof container.</p> <p>Treat with Isolyzer to solidify and dispose of as solid infectious waste OR</p> <p>Add an effective disinfectant and consult with Biosafety Office for sanitary sewer disposal</p> <p>SOLID WASTES Place in red tub lined with a single red bag.</p> <p>Empty tubs and red bags are delivered by CES (housekeeping) personnel.</p> <p>Full boxes must be labeled with a barcode label. They should weigh about 35 to 40 pounds when full</p> <p>They are picked up by CES personnel.</p>	<p>All sharps must be collected in rigid plastic containers.</p> <p>These must be bagged and placed in a waste tub for final disposal.</p> <p>It is up to the individual laboratories to purchase their own sharps containers, which must fit into the tubs.</p>	See SOLID Wastes

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It is to everyone's advantage to have wastes properly segregated. Please call Health & Safety if you have specific questions regarding the segregation of your wastes (303 315 - 5890).

MUNICIPAL SOLID WASTES THAT SHOULD NOT BE PLACED IN BIOMEDICAL WASTE STREAM

	Uncontaminated laboratory wastes	Regular animal bedding	Uncontaminated animal carcasses
Description	<p>Any waste generated in a biomedical research, clinical or instructional lab, for which there is no evidence of an infectious agent and for which there is no radioactive or chemical contamination, is a municipal solid waste (MSW)</p> <p>Uncontaminated gloves, disposable transfer pipets, plastic pipet tips, plastic trays, paper towels, cardboard boxes, etc.</p> <p>Broken clean glassware is collected in a sealed cardboard box and removed by CES personnel for the trash compactor.</p>	<p>Animal bedding which is not contaminated with infectious agents, toxic chemicals, toxic drugs, or cytotoxic / chemotherapy drugs</p>	<p>Animal carcasses that are not contaminated with hazardous chemicals, infectious agents, etc.</p>
Segregation & Collection	<p>Dispose of in the regular household trash.</p> <p>CES personnel pick up that solid waste.</p>	<p>Place in regular household trash.</p>	<p>All animal carcasses in this category are to be returned to and held in the walk-in <i>cooler</i> within the CLAC (5th floor SOM) until they can be disposed.</p>

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