

UNIVERSITY OF COLORADO, at DENVER & HEALTH SCIENCES CENTER

BIOMEDICAL WASTE STREAM SEGREGATION
9th & CO Blvd Campus

If your biomedical 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 (303-724-0345)

Stericycle Inc is our biomedical waste contractor. The tubs they provide are for the transport of biomedical wastes. Tubs must be lined with a red bag. The red bag must be taped or tied shut when full. The lid must be placed on the tub when full. Full tubs should remain in the lab until picked up by the custodial staff. Full tubs must be labeled with a barcode label. Contact the [Biosafety Office](#), 303-724-0111 for barcode labels for your laboratory. Tubs should weigh about 35 to 40 pounds when full. Call 303-315-7941 if tubs are full and have not been picked up in a timely manner. Empty tubs and red bags are delivered to laboratories by custodial staff. Questions regarding custodial staff or tasks should be directed to 303-724-0031.

Description of Waste Material	Treatment & Disposal	Segregation Protocol
Human tissues, organs, pathological wastes and all wastes from Creutzfeld-Jakob disease cases	Must be incinerated	Use Yellow Stericycle tubs and Yellow barcode labels
Non-human primate tissues, organs, pathological wastes, and bodily fluids	Must be incinerated	Use Yellow Stericycle tubs and Yellow barcode labels
Uncontaminated animal carcasses, tissues, etc--	Disposed of by CLAC contractor (Waste Management, Inc.)	Place all carcasses in a clear zip lock bag or trash bag. Returned to Walk-in cooler located inside dirty side cage wash at CLAC.

UNIVERSITY OF COLORADO, at DENVER & HEALTH SCIENCES CENTER

BIOMEDICAL WASTE STREAM SEGREGATION
9th & CO Blvd Campus

If your biomedical 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 (303-724-0345)

Description of Waste Material	Treatment & Disposal	Segregation Protocol
Contaminated animal carcasses from animals administered infectious agents, hazardous drugs or chemicals, cytotoxic/chemotherapy agents	Must be incinerated	Place the carcasses in either a red bag or a clear bag with the biohazard label . Place the bag inside the Yellow Stericycle tub in our biohazard cooler located inside Necropsy
Contaminated animal bedding from animals administered infectious agents, hazardous drugs, or chemicals, cytotoxic/chemotherapy agents.	Must be incinerated	Collect for prescribed time period for the agent. Use Yellow Stericycle tubs and Yellow barcode labels for this waste stream.
Cell culture wastes, plates, flasks and items used to manipulate cultures that contain toxic drugs, chemicals or cytotoxic / chemotherapy agents.	Must be incinerated	Sharps must be placed in sharps containers designated and labeled for cytotoxic agents . Use Yellow Stericycle tubs and Yellow barcode labels for this waste stream.

UNIVERSITY OF COLORADO, at DENVER & HEALTH SCIENCES CENTER

**BIOMEDICAL WASTE STREAM SEGREGATION
9th & CO Blvd Campus**

If your biomedical 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 (303-724-0345)

Description of Waste Material	Treatment & Disposal	Segregation Protocol
Cell culture wastes: plates, flasks and items used to manipulate cultures that are not otherwise contaminated with chemicals or radioactive materials.	Off-site autoclave disposal by Stericycle.	Use Red Stericycle tubs and White barcode labels
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)	Off-site autoclave disposal by Stericycle.	Use Red Stericycle tubs and White barcode labels
Sharps Wastes: needles, scalpels razor blades, lancets, Pasteur pipettes , and microscope slides if unfixed tissues	Off-site autoclave disposal by Stericycle.	Sharps must be placed in sharps containers, which are disposed of in Red Stericycle tubs and White barcode labels
Human blood, bodily fluids, other potentially infectious fluids	Sanitary sewer disposal may be appropriate in some cases. Consult with Biosafety Office for sanitary sewer disposal protocol. OR Autoclave disposal by Stericycle	LIQUID WASTES must be segregated, collected in a leak proof container, and solidified. There can be no standing liquids in the waste tubs. Treat with Isolyzer or ISOSORB or equivalent product to solidify, then dispose of in Red Stericycle tubs and White barcode labels.

UNIVERSITY OF COLORADO, at DENVER & HEALTH SCIENCES CENTER

BIOMEDICAL WASTE STREAM SEGREGATION
9th & CO Blvd Campus

If your biomedical 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 (303-724-0345)

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

Description	Treatment & Disposal	Segregation Protocol
Uncontaminated laboratory wastes	None required	Municipal Solid Waste (regular trash)
Uncontaminated animal bedding & cages—no infectious agents, toxic drugs or chemicals	None required	Return cages, bedding, water bottles, etc to CLAC for disposal
Uncontaminated lab plasticware, disposable transfer pipettes gloves, plastic pipette tips, plastic trays, plastic or glass serological pipettes paper towels, cardboard boxes, etc.	None required	Municipal Solid Waste (regular trash). Uncontaminated lab plasticware which could puncture a plastic bag but which is not infectious , should be collected in a sturdy, sealed cardboard box and picked up by housekeeping for disposal in the trash compactor
Uncontaminated broken glassware	Picked up by housekeeping for disposal in the trash compactor	Collect in a rigid, sealed cardboard box