







Management of Biological and Non-hazardous Lab Waste Generated in Chemistry Department Laboratories

	UNUSED SHARPS	LABWARE	USED SHARPS 	MEDICAL WASTE 	INFECTIOUS FLUIDS 
Description	Sharps that are unused or have <u>not</u> been in contact with BSL 1 or 2 material, r/s DNA molecules*, human or animal tissues or cells	Labware that has not been used with BSL1 or 2 material, r/S DNA molecules*, human or animal tissues or cells	Sharps used for research with BSL 1 or 2 materials, r/s DNA molecules*, human or animal tissues or cells	Non-sharp regulated medical waste that has been in contact with BSL1 or 2 material, r/s DNA molecules, human and animal cells and tissues	Infectious Waste Fluids
Examples	All needles, blades and syringes	Pasteur pipettes, pipette tips, transfer pipettes, chemical bottles that have been triple rinsed and label defaced, slides, cover slips	All needles and syringes; Pasteur pipettes, all blades, blood vials, needles with attached tubing, microscope slides and cover slips; Broken/unbroken glass and plastic ware that can shatter or break that has contacted BSL 1 or 2 materials, rDNA, human or animal tissues/cells.	Culture plates, culture flasks, tubing	Liquid growth media removed from human tissue cultures
Container	Place directly into leak-proof puncture resistant sharps containers.	Lab glassware box	Place directly into leak-proof puncture resistant sharps containers.	Regulated medical waste box lined with a red bag	Varies

**recombinant and synthetic nucleic acid molecules*

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MANAGEMENT OF LAB WASTE (CONTINUED)

	UNUSED SHARPS	LABWARE	USED SHARPS 	MEDICAL WASTE 	INFECTIOUS FLUIDS 
Processing	When sharps container is $\frac{3}{4}$ full, close and lock lid, place a regulated medical waste label on the container. Put sharps container into regulated medical waste box.	Seal box when $\frac{3}{4}$ full for removal by janitorial staff.	When sharps container is $\frac{3}{4}$ full, close and lock lid. Place a regulated medical waste label on the container. Place locked sharps container into regulated medical waste box.	Inactivate waste materials associated with agents infectious to humans (by autoclave or chemical disinfectant known to be effective). Place all bagged waste into medical waste box that has been lined with a red bag. Place medical waste labels on red bag and box, tape box closed. Boxes should not weigh more than 35 lbs.	Must be autoclaved or mixed with a disinfectant prior to disposal into the sanitary sewer.
Container Source	User must purchase sharps container. Regulated medical waste boxes, bags, labels are in Chemistry stock room.	User must purchase.	User must purchase sharps container. Regulated medical waste boxes, bags, labels available in Chemistry stock room.	Regulated medical waste boxes and red liner bags are available in the Chemistry stock room.	User must provide.