

## UHD Laboratory Waste Stream Handling Guide

Waste Category	Type	Examples	Container Type	Pick-Up Location	Handling	Comments
<b>General Trash</b>	<b>General, Non Hazardous, Non-chemical Trash</b>	Gloves, bench paper, packaging material, plastic bags, paper towels, fly media and plates, tubes, empty buckets, etc...	Standard trash bag inside trash can, or trash bag outside of can with the "Trash" label on it	By lab door where possible	Removed by Custodians	General trash is <b>not</b> : <b>Biohazardous</b> , contains no <b>Chemicals or Chemical Residues</b> (All chemicals are considered Hazardous Waste and must be removed by EH&S), <b>not Radioactive</b> or contains <b>Sharps</b> (Broken glass or sharp plastic, scalpel, needles, syringes, etc.)
	<b>Glass</b>	Clean Broken and Non-broken glass tubes, beakers, plates, flasks, jar containers, pyrex, etc...	Tied Plastic bag within a Cardboard box/container that is closed and tape sealed shut with packaging or duct tape, and labeled "Glass Trash" or "Broken Glass"	By lab door where possible	Removed by Custodians when sealed and placed by the door.	Plastic and glass containers must be triple-rinsed clean (no chemical residues) before placing in waste box. Custodial service will not pick up loose glassware (even if not broken), unsealed or overfilled.
<b>Plastic</b>	Clean Broken and Non-broken plastic pipettes, containers, etc...	Cardboard container that is closed and tape sealed shut with packaging or duct tape, and labeled "Pipette Trash"				
<b>Regulated Medical Waste</b>	<b>Sharps</b>	Syringes, needles, scalpels, blades, contaminated broken glass (including pipettes), etc...	Certified medical plastic waste container for sharps.	Biology labs, Microbiology labs, Health Clinic, etc.	Removed by Environmental, Health & Safety	A contracted biohazardous waste company removes untreated and sharp waste.
	<b>Untreated</b>	<b>Contaminated</b> glass, slides, samples, pipette tips, plates, etc.	Standard medical biohazard waste box with red biohazard bag liner	Biology labs, Health Clinic, etc.	Removed by Environmental, Health & Safety	
	<b>Treated</b>	culture plates, pipette tips, etc.	Red Autoclave Bag	Microbiology	Removed by custodians after treated and black bagged.	Autoclaved microbiological waste is considered treated medical waste.
<b>Laboratory Chemical Waste</b>	<b>Hazardous Chemical Waste</b>	Solvents, acids or bases with pH $\leq 2$ , and $\geq 12.5$ , Liquids with low flash point (F.P.<141), heavy metals, etc.	Compatible Glass, HDPE plastic, or metal container in good condition with appropriate lid closed air tight. Chemicals can be in original chemical container, newly purchased chemical container, or a container that has been rinsed cleaned and reused for waste material that is compatible with the original contents.	Waste Shelf, or other suitable waste location EH&S and faculty designate.	Removed by Environmental, Health and Safety	Liquid or Solid Chemical Hazardous Waste that exhibit one or more characteristics of Flammability, Reactivity, Corrosivity, or Toxicity (EPA's D,P,&U lists). The containers holding the chemical(s) must be labeled "Chemical Waste" along with the contents, faculty name, and date it was placed on the waste shelf. If the container does not have the original chemical details on the label, a list of the contents (no abbreviations), and percentage of product must be written on it. A contracted hazardous waste company handles these for us.
	<b>Highly Hazardous Chemicals</b>	All peroxides, pyrophorics, air & water reactive material, etc.			May need stabilized by High HazMat team prior to removal by Environmental, Health and Safety	

For questions or assistance with waste handling, call EH&S at x.5396