

## UHCL 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 twice a week, and additional upon request	Trash that is <b>not Biohazardous</b> (Animal or human tissue, blood, or bodily fluid, etc. ), <b>not Chemicals or chemical residues</b> (All chemicals are handled as Hazardous Waste and must be placed in the Chemical Waste storage area for EH&S pickup), <b>not Radioactive or Sharps</b> (Broken glass or sharp plastic, scalpel, needles, syringes, etc.)				
	<b>Laboratory Glass &amp; Plastic</b>	<table border="1"> <tr> <td><b>Glass</b></td> <td>Clean Broken and Non-broken glass tubes, beakers, plates, flasks, jar containers, pyrex, etc...</td> <td>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"</td> </tr> <tr> <td><b>Plastic</b></td> <td>Clean Broken and Non-broken plastic pipettes, containers, etc...</td> <td>Cardboard container that is closed and tape sealed shut with packaging or duct tape, and labeled "Pipette Trash"</td> </tr> </table>	<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"	<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"	By lab door where possible	Removed by Custodians when sealed and placed by the door where possible
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<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 (and Sharp Material)</b>	Syringes, needles, scalpels, blades, contaminated broken glass (including pipettes), etc...	Certified medical plastic waste container for sharps.	Biology labs, Health Clinic, Animal Care, etc.	Removed by Environmental, Health and Safety	A contracted Biohazardous waste company handles these for us.				
	<b>Other Medical (or Biological) waste</b>	<b>Contaminated</b> glass, slides, cover slips, experimentally cultured stocks, plates, etc.	Standard medical biohazard waste box with red biohazard bag liner	Biology labs, Health Clinic, Animal Care, etc.	Removed by Environmental, Health and Safety					
<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.2106