











Laboratory Waste Management Guidelines

Waste Type	Examples	Waste Management Practices
 <p>Solvents (Halogenated & Non Halogenated)</p>	<ul style="list-style-type: none"> • Spent Hexane • Alcohols • Methylene Chloride • Chloroform • Benzene • Toluene 	<ul style="list-style-type: none"> • Collect in glass bottles • Segregate halogenated/ non-halogenated • Label with a VU chemical waste label. • Store in your lab Satellite Accumulation area
 <p>Corrosive Acid / Base aqueous waste</p>	<ul style="list-style-type: none"> • Spent Sulfuric Acid • Spent Hydrochloric Acid • Spent Sodium Hydroxide • Spent Acetic Acid • Spent Nitric Acid 	<ul style="list-style-type: none"> • Collect in glass bottles • Label with VU chemical waste label • Separate Acids, Bases, and incompatibles • Store in your lab Satellite Accumulation area
 <p>BIOHAZARD</p> <p>Bio-Hazardous Solid Waste</p>	<ul style="list-style-type: none"> • Plastic culture plates • Disposable lab coats • Gloves, PPE 	<ul style="list-style-type: none"> • Accumulate in approved red bags inside medical waste boxes or lidded containers • All sharp objects or broken glass must be packaged to prevent puncturing. • Immediately move full boxes and bags to the building central accumulation area
 <p>Aqueous liquid Bio Hazardous Waste</p>	<ul style="list-style-type: none"> • Blood • Virus stock • Cell culture waste • Human body fluid 	<ul style="list-style-type: none"> • Autoclave or use disinfectant to deactivate potentially infectious materials. • Pour down indoor drain or into a toilet
 <p>Bio-Hazardous Sharps</p>	<ul style="list-style-type: none"> • Syringes, needles • Scalpel blades, razor blades, lancets, wires. • Pasteur pipettes • Empty pharm. vials 	<ul style="list-style-type: none"> • Accumulate in an approved sharps container • When the container is 4/5 full, close and package with a red bag in medical waste boxes for disposal.

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 Universal Waste (Electronic Waste, Light bulbs, Batteries)	<ul style="list-style-type: none"> • Computers • Copiers, Printers • Laboratory machines • Light tubes • Batteries 	<ul style="list-style-type: none"> • Do not discard in regular trash • Contact department staff or Recycling Ric (X94466) to arrange removal.
 Disposable gloves and PPE	<ul style="list-style-type: none"> • Nitrile or Latex gloves • Tyvek • N90 filter masks 	<ul style="list-style-type: none"> • If not contaminated with acutely hazardous or pathological material, dispose with general trash • For more information contact EHS or department chemical hygiene officer.
 Lab glass contaminated with chemicals	<ul style="list-style-type: none"> • Broken beakers • Test tubes • Vials • Glass piping 	<ul style="list-style-type: none"> • Collect in a metal trash can or cardboard box for incineration with you chemical waste. Label with a VU Chemical Waste Label
 Non Chemically contaminated glass and pipets	<ul style="list-style-type: none"> • Broken bottles • Beakers • Lab Glassware • Pipets cleaned or contaminated with water 	<ul style="list-style-type: none"> • Collect in a box or other puncture proof container • Label the box as broken glass • Place in the general trash
 Old Lab Chemicals	<ul style="list-style-type: none"> • Unused lab chemicals that have passed their expiration date or are no longer being used in the laboratory. 	<ul style="list-style-type: none"> • Prepare a list and set them aside for pick up by departmental chemical hygiene officer during either the April or October chemical waste collections. • If bottles are leaking or present a hazard contact chemical hygiene officer immediately.