# Laboratory Waste Management Guidelines

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| **Solvents (Halogenated & Non Halogenated)** | • Spent Hexane  
  • Alcohols  
  • Methylene Chloride  
  • Chloroform  
  • Benzene  
  • Toluene | • Collect in glass bottles  
  • Segregate halogenated/ non-halogenated  
  • Label with a VU chemical waste label.  
  • Store in your lab Satellite Accumulation area |
| **Corrosive Acid / Base aqueous waste** | • Spent Sulfuric Acid  
  • Spent Hydrochloric Acid  
  • Spent Sodium Hydroxide  
  • Spent Acetic Acid  
  • Spent Nitric Acid | • Collect in glass bottles  
  • Label with VU chemical waste label  
  • Separate Acids, Bases, and incompatibles  
  • Store in your lab Satellite Accumulation area |
| **Bio-Hazardous Solid Waste** | • Plastic culture plates  
  • Disposable lab coats  
  • Gloves, PPE | • 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 |
| **Aqueous liquid Bio Hazardous Waste** | • Blood  
  • Virus stock  
  • Cell culture waste  
  • Human body fluid | • Autoclave or use disinfectant to deactivate potentially infectious materials.  
  • Pour down indoor drain or into a toilet |
| **Bio-Hazardous Sharps** | • Syringes, needles  
  • Scalpel blades, razor blades, lancets, wires.  
  • Pasteur pipettes  
  • Empty pharm. vials | • 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) | • Computers  
• Copiers, Printers  
• Laboratory machines  
• Light tubes  
• Batteries | • Do not discard in regular trash  
• Contact department staff or Recycling Ric (X94466) to arrange removal. |
| Disposable gloves and PPE | • Nitrile or Latex gloves  
• Tyvek  
• N90 filter masks | • 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 | • Broken beakers  
• Test tubes  
• Vials  
• Glass piping | • 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 | • Broken bottles  
• Beakers  
• Lab Glassware  
• Pipets cleaned or contaminated with water | • Collect in a box or other puncture proof container  
• Label the box as broken glass  
• Place in the general trash |
| Old Lab Chemicals | • Unused lab chemicals that have passed their expiration date or are no longer being used in the laboratory. | • 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. |