

Department of Chemistry

Waste Disposal Procedure

The disposal of the waste generated from any experiment performed is a critical environmental issue and is the responsibility of anyone who designs/writes experiments to be performed in a laboratory. This includes all research labs as well. Waste disposal directions need to be a part of the format of all experiments written. The YSU [Chemical Hygiene Plan](#), Section 1.0 Standard Operating Procedures for Laboratory Chemicals and Hazardous Waste Contingency Plan, Appendix C, Policy and Procedures for Disposing of Chemical Waste, address this issue. Below is the Standard Operating Procedure for Waste Disposal. Waste includes any chemical no longer needed or no longer useful. It also includes all reagents used during class, poured out of original containers into smaller containers that should not be poured back into original container after class. **It is the responsibility of everyone who generates waste to dispose of it properly.** It is also the responsibility of any class instructor to collect/dispose of all waste at the end of each laboratory session. **All waste bottles must be capped if not in use. Waste is not to be left in the hoods at anytime.** Keep in mind that each Lab Coordinator or Principal Investigator may add additional steps to this procedure in conjunction with the following:

- Acid solutions with pH greater than 2 are poured down sink drains with copious amounts of tap water.
- Solvent wastes are placed in one of two red cans in Prep room or research area.
 - One for non-halogenated wastes (Fill out “Non-Halogenated Waste” form attached to clip board)
 - One for halogenated wastes (Fill out “Halogenated Waste” form attached to clip board)
 - When the can is full, notify Sue Viglione (x3665) in the Procurement/Safety Office (Room 6009) or Chemical Management (CMC), 2nd floor of Ward Beecher Hall, at (x3703)
- A Chemical Waste Form must be used for all other waste. If the waste is already in an appropriate bottle/w cap you may use that bottle. If not, an empty reagent bottle is available in the Procurement/Safety Office (Room 6009). Empty bottles not used for waste must be returned to CMC
 - Obtain a Chemical Waste Form (available in room 6009).
 - Complete the form and tape it onto bottle so that it remains attached (i.e. two pieces of tape, vertically placed at top and bottom of the label) until Chemical Management removes it for their records.
 - Transport the bottle to the Chemical Management Center for disposal. (Call X3703 first) or Room 6009.