

Waste Management Instructions for Upper Division labs:

- 1) Find a bottle that is suitable for the amount and type of waste that you will be generating. (For example if the waste is a solid find a wide mouth jar. If it is flammable, use a glass jar, etc.) Use separate containers for different types of wastes. For example do not mix flammable with toxic. In general- if you do not mix during your experiment – do not mix in the waste.
- 2) If you think that the waste might not be hazardous (salt water for example) see the Waste Manager for permission to use the “Non-Hazardous Waste” labels. Otherwise label your container with a “Dangerous Waste” label.
- 3) Waste labels are located in the solution prep area of each department. Fill out the label completely before you put any waste in the bottle! Use a sharpie to fill out the label and write legibly.
 - a. List ALL items that are anticipated to be placed in that waste container. You can always add more to the label later, but start out with the best information you have. In addition you can also write a general name for the waste such as “waste from experiment 2 run3”. Names of chemicals must be written out – no abbreviations or formulas. List water if it will be present.
 - b. Give the anticipated approximate percentage of each constituent of the waste. You can always make these numbers more accurate once the container is full.
 - c. Check the appropriate hazard box. If you are not absolutely sure which boxes to check see the Waste Manager for assistance.
 - d. Indicate the course number that will generate the waste, or the name of the person generating the waste for research.
 - e. Weigh the empty bottle on a scale. Record the weight in the “Tare Weight” blank.
 - f. The “Full Date” is not filled in until the bottle is full. See instructions below.
- 4) There is a blank on the label for the “full date”. This is the date that the bottle is full or no more waste is to be added (e.g. the end of the term). When your waste bottle is full, immediately fill in this date and move the bottle to the waste storage location in room 336.
- 5) Do not fill your waste bottle all the way to the top! It is very easy for the level to get away from you especially if you are using a funnel and a dark colored bottle, so watch very carefully and leave a generous space at the top. A bottle that is too full poses a risk to you as you move it and a risk of exposure to all that handle it after you.
- 6) Your waste bottle must be in a secondary containment bin at all times.
- 7) Your waste container must be tightly closed at all times expect for when you are actually adding waste.