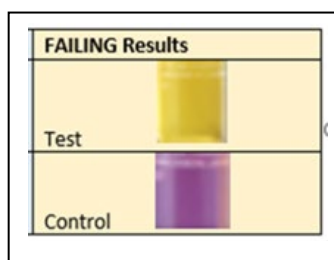
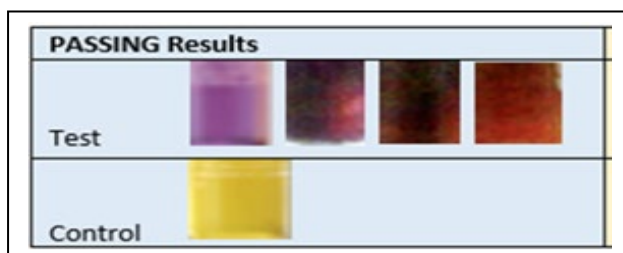
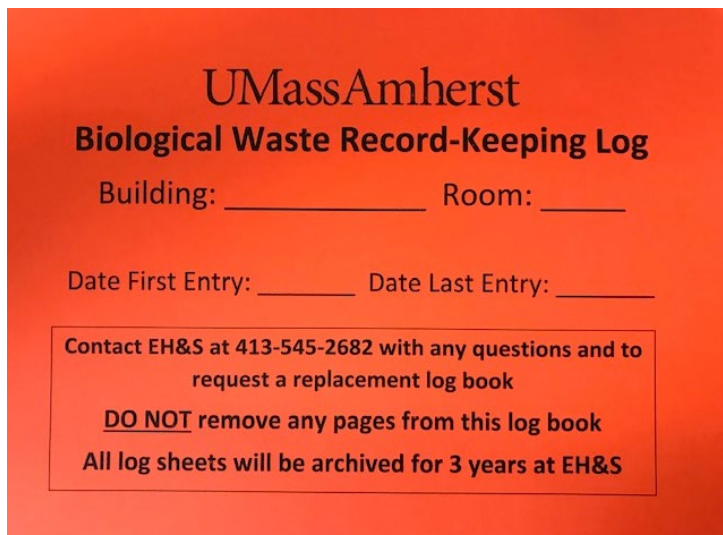


Autoclave Waste Management

What waste is autoclaved?

- Disposable lab ware contaminated with potentially biohazardous materials
 - blood/ body fluids
 - bacteria & viruses
 - culture plates and media
 - all cell culture materials
 - fungi
 - recombinant DNA

DO NOT autoclave radioactive materials, hazardous chemicals, or bleach



Date (MM/DD/YY)	Quantity	Container Type	Autoclaving	Cycle #	Principal Investigator	Print Your Name	Quality Control Results	
						Your Signature	Chemical Indicator Successful	Spore Test Done (at least monthly)
10-29-19	2	<input checked="" type="checkbox"/> Bags <input type="checkbox"/> Flasks <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Biological Waste <input type="checkbox"/> Sterile Supplies	4	Carson Smith	Felicity Sample <i>Felicity Sample</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No*	<input type="checkbox"/> Yes**
10-29-19	1	<input checked="" type="checkbox"/> Bags <input type="checkbox"/> Flasks <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Biological Waste <input type="checkbox"/> Sterile Supplies	4	Anna Taylor	Stanley Muenster <i>Stanley Muenster</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No*	<input type="checkbox"/> Yes**

Table 1: Example of properly documented logbook entry



BEFORE EVERY RUN:

Remove all debris from the strainer in the bottom of the autoclave chamber.

Procedure: Solid Waste

1. Use clear autoclave bags (**No red or orange bags** or visible biohazard symbols)
2. Bag should be loosely packed and not more than 3/4 full
3. Do not seal bag shut—the opening should be an inch in diameter for steam penetration
4. Use a chemical indicator (autoclave tape) on the exterior of the bag
5. Enter your waste information in the log book
6. Place waste in secondary containment bins (Use only autoclavable plastics)
7. Bags should not touch each other or the walls, floor, top of the autoclave.
8. Autoclave at 121°C for **60 minutes** and allow the bag to cool
9. Fill in information on the "Autoclave Waste" label and place on the autoclaved bag
10. Place the labeled bag inside a black or opaque trash bag and place in the regular waste receptacle
11. Complete the log book and print as well as sign your name and enter results of indicator

Procedure: Liquid Waste

1. Enter the waste information in the log book
2. Place the liquid in secondary containment, apply autoclave indicator tape
3. Autoclave at 121°C for **60 minutes** on a **Liquid Cycle**