

ATRF WASTE GUIDELINES

Biohazard Boxes/Red Bags:

Waste Disposal procedures at the ATRF are slightly different than those at the NCI at Frederick campus located within Fort Detrick. As we no longer have the capability to burn the majority of our waste at a reasonable price, the only waste burned is the bio-hazardous waste that is placed in the biohazard boxes with red bags. Waste going into these boxes should be any infectious waste streams that cannot be autoclaved and sharps (syringe needles, scalpels and any broken glass contaminated by blood) which should be placed in sharps containers and when full placed in a biohazard box with red bags. Sharps cannot be autoclaved. Red bags at the ATRF are only for biohazard boxes. Please keep the total weight of these boxes under 30 lbs.



Biohazard Waste Box



Sharps Containers

Biohazard boxes must be properly sealed before custodial staff can remove them from the lab. To seal biohazard boxes the red bags must be taped shut inside and the box lids (top and bottom) closed and fully sealed with an adhesive tape. Please do not set these boxes outside the lab in the corridor. These boxes must remain in the lab until your custodial worker is available to remove for disposal. If the custodial worker cannot enter the lab, a time must be arranged for pick-up of this waste from the lab.

Black Bag Waste:

ONLY NON-INFECTIOUS/NON-HAZARDOUS gloves, petri dishes, culture flasks, tubing, eppi tubes and other lab wastes that have no physical or biological hazard can be disposed of as regular trash in black trash bags. Red trash bags are not permitted. Any waste used with non-hazardous chemicals may be disposed in the regular, black bag, waste. This includes pipettes that are only used with non-hazardous chemicals such as buffers (no carcinogens, reproductive, or highly toxic chemicals). However, these pipettes must be boxed in cardboard and sealed before disposing into the

regular black bag trash to avoid breakthrough when custodial workers remove these bags for disposal. Lab personnel should have a designated trash receptacle for this type of waste.

Autoclaved Waste:

Waste that is infectious or pathogenic and pose a biological threat to humans or animals must be autoclaved. Do not autoclave sharps! Materials that are pathogenic include (but are not limited to): human cell lines, tissues, e.coli, HIV, HBV, vaccinia, adenovirus, toxoplasma, listeria and blood or blood products. If your program does not have an autoclave, please contact your FME custodial worker and they will provide plastic autoclave containers. Autoclave bags must be used inside the containers. These bags must be sealed with autoclave tape and kept inside the autoclave containers in order for the custodial workers to handle them. The autoclave containers must remain inside the labs until ready for pick-up. If the custodial worker cannot enter the lab, a schedule must be arranged between the lab personnel and the custodial worker for a pick-up time. Please be aware that the labs must provide their own autoclave bags so please make sure you order autoclave bags that will fit these containers. These bags can be ordered from the ATRF warehouse.



Autoclave waste containers

Chemical Liquid Waste:

Liquid chemical waste must be disposed of in the proper containers and all waste must have an attached Hazardous Waste Tag. The tag should list all waste streams disposed of for that container. Below is a list of the different liquid waste containers:



Solvents - Segregate halogenated from non-halogenated solvents in separate red flammable safety cans. These cans are available from Waste Management in either the 5 gallon or 2.5 gallon size.

Phenol/Chloroform mixtures - Use the 1 gallon white glass lined metal safety cans available from Waste Management.

Corrosive Waste (or photographic fixer) - Use polypropylene (PP) or HDPE Jerrycans or Carboys.

Miscellaneous liquid waste - silver stain, ethidium bromide, formaldehyde, stuff jugs, ect.) use 1 gallon wide-mouth jug available in the Central Supply Warehouse Catalog.

To schedule a hazardous waste pick-up (any liquid chemical waste): Call Waste Management at 301-846-5718 or email: ncichemwaste@mail.nih.gov with your request. Include the location and type of waste. Your request will be put on a list for regular Monday pickup at the ATRF. If you need service before Monday ensure you leave that information in the correspondence.

***Please contact Tammie Ford 301-846-6082 with any additional waste questions or concerns.**