

Important changes have been made to hazardous and non-hazardous waste disposal in laboratories.

The Department of Environmental Health & Safety and Custodial Services are implementing a change to waste services in laboratory spaces. These changes provide streamlining of wastes, redesignation of certain waste containers, and provide recycling and waste diversion opportunities.

Changes include:

- Disposal of regular waste from laboratories in designated bins only
- Recycling of certain non-contaminated laboratory plastics by diversion into new specially dedicated containers
- Disposal of laboratory glass, non-recyclable plastics, chemically contaminated gloves, and other chemically contaminated materials into a common waste container
- Recycling of non-contaminated laboratory gloves
- Waste storage bin labeling requirements



Figure 1. Waste container for non-contaminated general laboratory waste. These bins will be serviced by Custodial Services.

Non-contaminated general waste in laboratories will continue to be serviced by Custodial Services with the exception of level 2+ biohazard laboratories.

Only large gray bins labeled as [REDACTED] will be serviced. These must be placed close to the door of the laboratory. Smaller under-desk bins may be used inside the laboratory, however, waste from these must be placed in the larger bins by laboratory staff for disposal to avoid potentially contaminated materials from entering the general waste stream. Waste from non-labeled bins will not be serviced.

It is the responsibility of each laboratory to ensure they have a sufficient number of [REDACTED] containers with the appropriate labels. If you require a labeled large gray garbage bin, or additional Garbage Only stickers for your existing large bin(s) please email Llynwen Osborne at lrao@queensu.ca

Autoclaved waste, including any autoclaved plastics will continue to be serviced by custodial services. Unfortunately, we currently cannot recycle the autoclaved plastic, therefore all autoclaved waste should be place into the gray [REDACTED]

Labels have been provided to departments for distribution. Please contact your safety officer, lab manager or EH&S if you require more.

Any soft plastic packaging or items smaller than 10cm on the longest dimension cannot be recycled. Furthermore, pipettes and pipette tips of any size cannot be recycled. See picture below for some common examples of non-recyclable plastics.

Note: Needles and other sharps must be disposed in a proper 'sharps' container.

Figure 3. Lab plastic waste items that cannot be recycled

Small plastic items, excluding packaging materials and bags, that cannot be recycled should be disposed as hazardous waste in the white buckets labeled as **Caution Hazard! Laboratory Glass/Plastic/Debris** (previously marked as **Lab Glass Disposal Only**). See section below for details.

Laboratory plastic is collected in gray 80 L

Replacement bags will be supplied at the time of pickup by our hazardous waste contractor. If additional bags are required they can also be obtained from Botterell Hall DBMS stores or Chemistry Stores.

A program is now available for the collection and recycling of gloves. The used gloves must be dry and have not been in direct contact with any chemical, biological or radioactive substance. Recyclable glove-types include nitrile, latex, rubber, vinyl and any other type of "stretchable" glove used in teaching, examination and research laboratories.

Note: Gloves with a chemical residue must be disposed in the white bins. Any highly contaminated gloves, or gloves contaminated with a highly toxic, reactive, or smelly chemical must be disposed separately as hazardous waste chemical. Biologically contaminated gloves cannot be recycled and must be autoclaved or disposed as biological waste.

There are two options for the collection of gloves.

1. Recycling through

Hazardous Waste Pickup Request Form								
Building	Room	Contact	Phone	PI	Type of Waste (Indicate :Chemical, Biohazard, Solvent 20L, Empty/Debris or Select from menu)	Chemical Name/Composition	Vol (L/Kg)	Location
Botterell Hall	123	Ted	123	XX	Select from menu: KC Gloves or Mixed Gloves	Gloves for recycling	3 bags	By door

If you are interested in coordinating a recycling program for your laboratory or department or if you have any suggestions/questions pertaining to the changes above, please contact:

Hazardous Materials and laboratory recycling

Tom Martinek (EH&S)

Tom.martinek@queensu.ca,

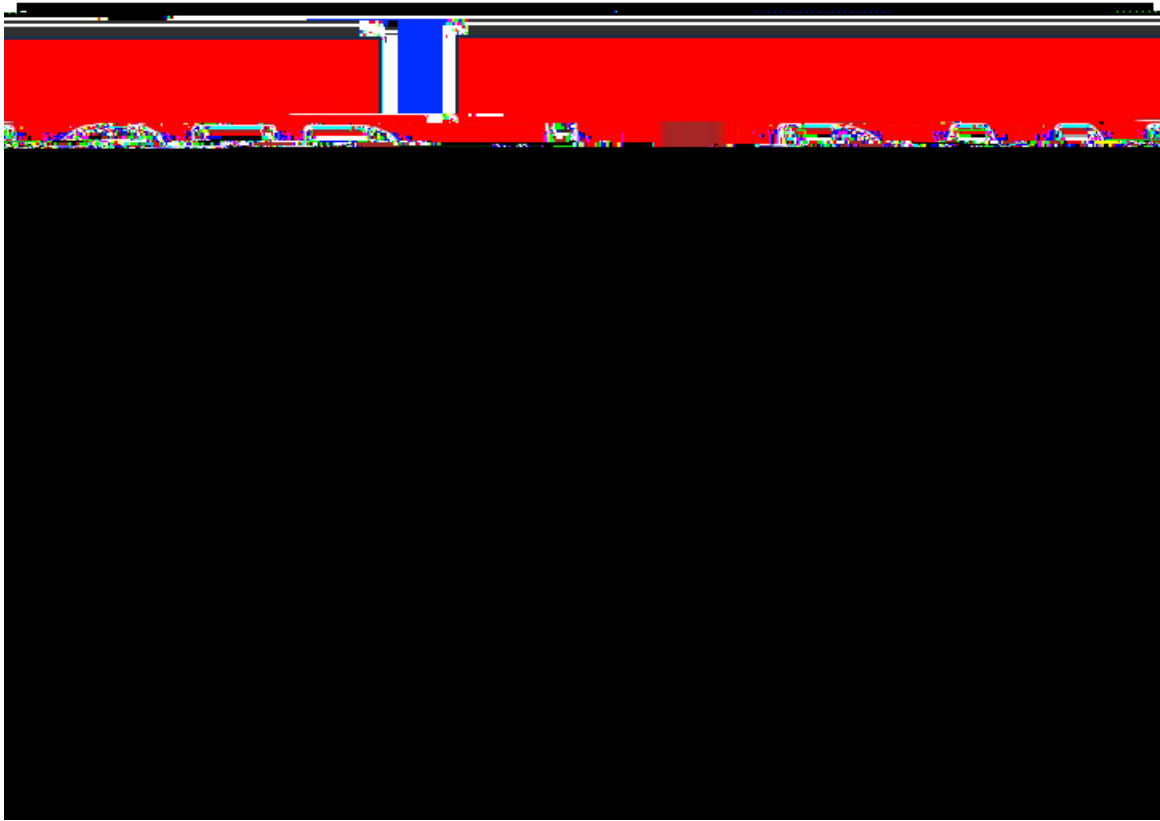
phone: 613-533-6000 ext. 74976

General Waste

Llynwen Osborne (PPS Sustainability Office)

lrao@queensu.ca, ext. 33396

: Chemical Waste Bin Label



: Biohazard Waste Bin Label

: Radiation Waste Bin Label

