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Revision: 1.1	Subject: Laboratory Decommissioning	

Large gas cylinders must be returned to the supplier prior to vacating the laboratory. Cylinders that are not returnable (e.g. lecture bottles) must be disposed of as per Queen's University Hazardous Waste Policy and Procedures [SOP-CHEM-01 \(hazardous Waste Disposal August 2022.pdf \(queensu.ca\)\)](#)

7. Radioisotopes

Inventory

All radioactive stocks and/or sealed sources must either be transferred to another authorized permit holder or disposed of through the Department of Environmental Health and Safety as per Queen's University disposal procedures for radioisotopes. The University Radiation and Laser Safety Officer must be notified prior to the transfer.

Decontamination

A thorough contamination survey (swipe tests) must be completed. All bench tops, floors, storage areas and equipment must be surveyed. Areas that exceed the criteria in the Radiation Safety Manual must be decontaminated and reswiped. Records, including scintillation counter printout must be forwarded to the Department of Environmental Health and Safety with the Laboratory Decommissioning Procedures Checklist.

Waste

All radioactive waste must be disposed of through the Department of Environmental Health and Safety as per Radiation Safety Policy and Procedures Manual (Section 12)

Signage

All radioactive warning signs must be removed (including door signs, storage/work area stickers)

