






# Rowan University Regulated Medical Waste Disposal Guide for Laboratories

Clear Bag	Glass Box	Sharps Container	Regulated Medical Waste (RMW) Bin or Box		Radioactive Waste
			 <p>BSL2 infectious, recombinant DNA, and synthetic DNA waste <b>must</b> be autoclaved or chemically disinfected <u>before disposal</u>.</p>		
General Trash	Non-Contaminated Glassware	Used and Unused Sharps	Liquids	Solids	Mixed Radioactive Waste
<ul style="list-style-type: none"> <li>Paper and plastic wrappers and packaging materials.</li> <li>Small amounts of <b>Non-Hazardous</b> waste (i.e., sugars, salts, amino acids, enzymes, etc.).</li> <li>Other <b>non-contaminated</b> solids (e.g., paper towels, bench paper, gloves).</li> <li>Alkaline Batteries</li> </ul> <p style="text-align: center;">Recycle <b>Non-Hazardous Wastes</b> as Appropriate</p>	<ul style="list-style-type: none"> <li><b>Non-contaminated</b> broken and intact glassware.</li> <li><b>Empty, triple rinsed*</b> reagent bottles (with labels defaced and lids removed).</li> <li>Glass boxes must be lined with a clear thick plastic bag.</li> <li>When the box is 2/3 full, the entire box must be removed by custodial services.</li> <li>The laboratory is responsible for providing a new box and liner.</li> </ul> <p>* Rinsate <u>must</u> be collected, managed, and disposed of as hazardous waste through the EHS Department.</p>	<p>Including but not limited to the following:</p> <ul style="list-style-type: none"> <li>Needles (including those with attached tubing or filters).</li> <li>Syringes (with or without needle). <b>NEVER</b> attempt to remove, bend, or recap needles!</li> <li>Razors, Scalpels, Blades</li> <li>Pasteur Pipets</li> <li><b>Contaminated</b> Serological Pipets and Pipet Tips.</li> <li>Glass conical tubes</li> <li>Blood Vials (animal or human).</li> <li>Slides/Cover Slips</li> <li>Any other <b>contaminated</b> glassware or plasticware capable of breaking and becoming sharp.</li> </ul>	<p><u>After disinfection*</u>, the following liquids may be drain disposed:</p> <ul style="list-style-type: none"> <li>Mammalian cell cultures.</li> <li>Blood and body fluids from humans and other animals.</li> <li>Bacterial, viral, or fungal cultures.</li> </ul> <p>*Allow for appropriate contact time with the selected disinfectant product following manufactures guidance.</p> <p><b>Drain disposal is prohibited</b> for BSL3 labs or if hazardous chemicals or radioactive waste is present!</p>	<p>Solid waste contaminated with:</p> <ul style="list-style-type: none"> <li>Cultures/stocks of bacteria, viruses, or fungi.</li> <li>Live and attenuated vaccines/viruses (vials must be placed in a sharps container).</li> <li>Human/non-human primate cells, blood, body fluid, tissues, and other source materials.</li> <li>Recombinant/synthetic DNA materials.</li> </ul> <p>Includes contaminated <u>non-breakable</u> plasticware, gloves, pathological waste (without fixative), and specimen bags with biohazard labels.</p> <p><b>Note:</b> Nothing capable of puncturing a bag or box may be disposed of in a RMW bin/box.</p>	<p>Please contact the Radiation Safety Officer (RSO) if you have:</p> <ul style="list-style-type: none"> <li>Mixed biological and radioactive waste.</li> <li>Mixed chemical and radioactive waste.</li> </ul>
<ul style="list-style-type: none"> <li><b>All RMW Containers must have a biohazard warning label on the container and on the lid, as well as a completed Rowan University RMW Label.</b></li> <li><b>RMW Bins and Boxes MUST be lined with RED plastic bags and must be kept CLOSED when you are not actively adding waste.</b></li> <li><b>Containers must be sealed when they reach 2/3 Full. DO NOT OVERFILL CONTAINERS!</b></li> </ul>					