

University of Washington Biohazardous Waste Streams South Lake Union

	Biohazardous Waste, Including Recombinant and Synthetic DNA/RNA Waste	Laboratory Glass and Plasticware Waste	Sharps Waste
Identification	<ul style="list-style-type: none"> Human and non-human primate blood, tissue, cells Pathogenic agents (bacteria, rickettsia, fungi, viruses, protozoa, parasites and prions) Recombinant and synthetic DNA/RNA, cultures, stocks and cell lines containing recombinant or synthetic DNA/RNA Tissue from animals exposed to biohazardous agents. (For animal carcass and bedding disposal see Animal Research) Lab waste that has come in contact with the above listed biohazards <i>Combining bio and other hazardous waste? Contact EH&S Research & Occupational Safety.</i> 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Laboratory glass and plasticware waste that could puncture a plastic bag (e.g., serological pipettes, glass test tubes)</div> <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"></div> <div style="width: 45%;"></div> </div>	<div style="border: 1px solid black; padding: 5px;">Sharps waste (All needles, syringes, lancets, scalpel blades; <i>Also, if contaminated with biohazardous material:</i> broken glass, razor blades, glass slides & cover slips, fragile glass tubes, vials or ampoules, including Pasteur pipettes)</div>
Segregation	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">Liquid biohazardous waste</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Solid biohazardous waste</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Agar plates</div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Biohazardous serological pipettes</div> <div style="border: 1px solid black; padding: 5px;">Biohazardous laboratory glass and plasticware</div> </div>	
Containment	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%; border: 1px solid black; padding: 5px;">Collect liquid in a labeled, lidded, leak-proof container.</div> <div style="width: 35%; border: 1px solid black; padding: 5px;">Collect waste in red, biohazard bin, lined with an autoclavable biohazard bag, tight-fitting lid and biohazard label. Write PI name on container. When no more than 75% full, liner is loosely tied or taped closed by laboratory personnel. Transport to Brotman D056 or E Bldg EP177.*</div> <div style="width: 30%; border: 1px solid black; padding: 5px;">Plates should be collected in a cardboard box, then placed inside an autoclavable biohazard bag, loosely tied and labeled 'AGAR'</div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%; border: 1px solid black; padding: 5px;">Serological pipettes MUST be collected in pipette box/keeper. Place in large, red, biohazard bin, lined with an autoclavable biohazard bag. When no more than 75% full, liner is loosely tied or taped closed by laboratory personnel. Transport to Brotman D056 or E Bldg EP177.*</div> <div style="width: 45%; border: 1px solid black; padding: 5px;">Package in an autoclavable biohazard bag, then in heavy cardboard box. Close and label box with autoclave tape, LABORATORY GLASS tape and biohazard symbol. Label box with PI's name and room number. Transport to Brotman D056 or E Bldg EP177.*</div> </div>	<div style="border: 1px solid black; padding: 5px;">Place in a rigid, red, plastic, biohazard-labeled sharps container. When no more than 2/3 full, close lid, place autoclave tape over lid and sides. Do not block vent holes. Write PI name and room number on container. Transport to Brotman D056 or E Bldg EP177.*</div>
Treatment	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Add bleach or other effective chemical decontaminant OR autoclave.</div> <div style="border: 1px solid black; padding: 5px; text-align: center; color: blue;">Autoclave waste</div> </div>	<div style="border: 1px solid black; padding: 5px; text-align: center; color: blue;">Autoclave waste</div>	<div style="border: 1px solid black; padding: 5px; text-align: center; color: blue;">Autoclave waste</div>
Disposal	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Disposal via sanitary sewer</div> <div style="border: 1px solid black; padding: 5px;">Disposal via municipal waste (empty bins are ready for return the next day.)</div> </div>	<div style="border: 1px solid black; padding: 5px;">Disposal via municipal waste (empty bins are ready for return the next day.)</div>	<div style="border: 1px solid black; padding: 5px;">Disposal via municipal waste</div>



Treatment & Disposal Services: *South Lake Union Laboratory Services Cost Center, 206.685.2720

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[Transporting Bio Waste](#)