

## SCIENCE HILL LABORATORY BIOMEDICAL WASTE GUIDELINES

Agent Biosafety Level	Waste Type	Container	Treatment	Disposal
<b>Non-Biological BL-1</b>	Labware, gloves, pipettes, pipette tips	Any cardboard or plastic container for items that could rip bags	None	Normal Trash
<b>BL-1</b>	<ul style="list-style-type: none"> <li>▪ Stocks and cultures:</li> <li>▪ Bacteria Plates</li> <li>▪ Cell Culture dishes</li> <li>▪ Other "Viable" quantities of biological material</li> </ul>	Green bucket with plain (no biohazard symbol) autoclave bag	Autoclave	Normal Trash
<b>BL-2 Normal Hazard</b>	Labware, gloves, pipettes, pipette tips, bacteria plates, stocks and cultures	Pack in red-bag lined medical waste cardboard box (Stericycle)	None	Medical Waste
<b>BL-2 High Hazard BL-3</b>	Labware, gloves, pipettes, pipette tips, bacteria plates, stocks and cultures	Plastic autoclave red buckets or bag, then red-bag lined medical waste cardboard box after treatment	Autoclave or bleach treat (minimum 12 hrs)	Medical Waste
<b>Non-biological BL-1 BL-2 Normal Hazard</b>	"Sharps"-Syringes, needles, sutures, IV needles, razors, scalpels. Glass items contaminated with infectious material	Needle box, then red-bag lined medical waste cardboard box (Stericycle)	None	Medical Waste
<b>BL-2 High Hazard BL-3</b>	"Sharps"-Syringes, needles, sutures, IV needles, razors, scalpels. Glass items contaminated with infectious material	Needle-box, then red-bag lined medical waste cardboard box (Stericycle) after treatment	Autoclave or bleach treat (minimum 12 hrs)	Medical Waste

### Biosafety Levels (BL)

<b>BL-1</b>	Biological material not known to cause disease in healthy adults: <ul style="list-style-type: none"> <li>- E. coli K12</li> <li>- Culture of most non-mammalian tissue</li> <li>- BL-1 materials derived from Recombinant DNA experiments</li> </ul>
<b>BL-2 Normal Hazard</b>	Infectious or Potentially Infectious Material: <ul style="list-style-type: none"> <li>- Human Blood</li> <li>- Human Cell Lines</li> <li>- Human cells</li> <li>- Non-human primate cells</li> </ul>
<b>BL-2 High Hazard BL-3</b>	Agents requiring state registration: <ul style="list-style-type: none"> <li>- Human Pathogens at BL2/BL3 level</li> <li>- Non-Exempt recombinant DNA</li> <li>- Biological Toxins</li> <li>- Animal &amp; Plant Pathogens or Pests</li> <li>- Select Agents</li> </ul>

