



## Biological Waste Disposal Table

Type of Waste	Container for Disposal or Treatment	Local Treatment	Where to Put for Pick-up	Pick up By
<b>Animal bedding, cage, water bottle from infected animals</b>	Place cage, water bottle and bedding in clear autoclave bag as directed by RAR. (If animals housed outside of RAR, return bag to RAR)	Autoclaved by RAR staff.	Place autoclaved bedding in regular trash.	FM
<b>Animal carcasses and tissue (including transgenic animal tissue)</b>	Place in digestible bag in RAR designated red barrel.  Digestible bag in U Market #GC20009 (small) or #GC20010 (large)	None	Contact <a href="#">RAR</a>	FM
<b>Human organs, tissue, or body parts (pathological waste)</b>	Call Bequest Program 625-1111	None	Call Bequest Program 612-625-1111	Call Bequest Program 612-625-1111
<b>Liquid biohazardous waste including all r/sNAs* material</b>	Place in a suitable liquid handling container.	Disinfect with 1 part bleach to 9 parts liquid waste, or approved disinfectant for 30 min, per an IBC protocol, and sewer. Can also autoclave and sewer. (Do not sewer agar; handle as solid waste.)	Not applicable	Not applicable



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<b>Contaminated non-sharps (including r/sNAs*)</b>	Clear autoclave bag such as U Market # 95042-568 etc or	Autoclave at 121°C for 60 min. See <a href="#">Autoclaves</a>	After autoclaving place in regular waste container	FM
	Red biohazardous waste bag such as U Market #11215-816 etc.	None	Next to regular lab trash container <b>NOTE: Red bags cannot be placed in hallways or other public areas.</b>	Call FM at 612-624-2900 for a pick-up request if biohazardous material is not normally picked up in your area.
<b>Glass (not contaminated with hazardous material)</b>	Dedicated box closed and taped shut (use separate boxes for broken & non-broken glass and label as such)	None	Next to regular lab trash container	FM
<b>Sharps, whether or not contaminated</b>	Sharps container such as U Market # 14827129 etc	None	Next to regular lab trash container <b>NOTE: Sharps containers can't be placed in hallways or other public areas.</b>	FM or call 624-2900 for a pick-up request if biohazardous material isn't normally picked up in your area.
<b>Liquid mixed biohazardous and radioactive waste (including r/sNAs*)</b>	Place in liquid handling container, label as radioactive waste.	Disinfect with 1 part bleach to 9 parts liquid waste or IBC approved disinfectant for 30 min.	After disinfecting place in liquid radioactive waste container.	UHS See <a href="#">Managing Radioactive Waste</a>



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		<b>NOTE: Do not use bleach with radioactive iodine.</b>		
<b>Solid mixed biohazardous and radioactive waste (including r/sNAs*)</b>	Place solid waste in clear autoclave bag, attach autoclave tape, label as radioactive waste.	Autoclave at 121°C for 60 min. See <a href="#">Autoclaves</a>	After autoclaving place in solid radioactive waste container.	UHS See <a href="#">Managing Radioactive Waste</a>
<b>Radioactive animal waste</b>	See <a href="#">Managing Radioactive Waste</a>			UHS
<b>Liquid prions waste</b>	Place in a suitable liquid handling container.	Dispose in VDL Tissue Digester or  autoclave at 134°C for 1 hour and sewer or  treat with 40% bleach or 2N NaOH for 1 hour and neutralize with acid until pH is between 5 and 8 and sewer or hold for chemical waste disposal.	Not applicable	Not applicable



<b>Solid prions waste</b>	Place non-tissue low level solid waste in yellow waste bag in yellow barrel.	None	Next to regular lab trash container	Call 612-624-2900 for yellow bag/barrel delivery & pick-up
<b>Sharps contaminated with prions waste</b>	Sharps container such as U Market # 14827129 etc.	Place sharps container in yellow waste bag	Next to regular lab trash container	Call 612-624-2900 for pick-up
<b>Type of Waste</b>	<b>Container for Disposal or Treatment</b>	<b>Local Treatment</b>	<b>Where to Put for Pick-up</b>	<b>Pick up By</b>
<b>Animal tissue and carcasses contaminated with prions waste</b>	Place in digestible bag in RAR designated red barrel.  Digestible bag in U Market #GC20009 (small) or #GC20010 (large)	None	Contact <a href="#">RAR</a>	FM
<b>Biological toxins</b>	Place in a suitable container for treatment	Liquid waste: Treat with 10% (1:9 v/v) bleach for at least 30 minutes or other proven effective inactivating agent.	If the toxin is in a hazardous chemical mixture, put in hazardous chemical waste container after treatment with inactivating agent - no longer a toxin hazard.	UHS See <a href="#">Hazardous Waste Disposal Procedures</a>
		Solid waste containing <b>low molecular weight toxin</b> : Place waste in a yellow waste	Next to regular lab trash container	Call 612-624-2900 for yellow bag or barrel delivery & pick-up



		bag for incineration.		
		Solid waste containing <b>proteinaceous toxin:</b> Autoclave waste at 121°C for 60 min or place waste in a red biohazard bag.	Place autoclaved bag in regular waste container or  Place red bag next to regular lab trash container	FM

\*r/sNAs refers to recombinant/synthetic Nucleic Acids.