



Biological Waste Disposal Table

Type of Waste	Container for Disposal or Treatment	Local Treatment	Where to Put for Pick-up	Pick up By
Animal bedding, cage, water bottle from infected animals	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
Animal carcasses and tissue (including transgenic animal tissue)	Place in red biohazard bag in RAR designated red barrel.	None	Contact RAR	FM
Animal tissue, carcasses containing prions or chemo agents, or high hazard chemicals	Place in yellow biohazard waste/yellow barrel for incineration	None	Contact RAR	FM
Human organs, tissue, or body parts (pathological waste)	Call Bequest Program 625-1111	None	Call Bequest Program 612-625-1111	Call Bequest Program 612-625-1111
Liquid biohazardous waste including all r/sNAs* material	Place in a suitable liquid handling container.	Disinfect with 10% bleach (1 part bleach to 9 equal parts liquid waste), or approved disinfectant for 30 min contact time and sewer. Can also autoclave and sewer. (Do not sewer agar; handle as solid waste.)	Not applicable	Not applicable

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



Type of Waste	Container for Disposal or Treatment	Local Treatment	Where to Put for Pick-up	Pick up By
Contaminated non-sharps (including r/sNAs*)	Clear autoclave bag such as 95042-568, etc or	Autoclave at 121°C for 60 min. See Autoclaves	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 NOTE: Red bags cannot be placed in hallways or other public areas.	Call FM at 612-624-2900 for a pick-up request if biohazardous material is not normally picked up in your area.
Glass (not contaminated with hazardous material)	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
Sharps, whether or not contaminated	Sharps container such as U Market # 14827129 etc	None	Next to regular lab trash container NOTE: Sharps containers can't be placed in hallways or other public areas.	FM or call 624-2900 for a pick-up request if biohazardous material isn't normally picked up in your area.
Liquid mixed biohazardous and radioactive waste (including r/sNAs*)	Place in liquid handling container, label as radioactive waste.	Disinfect with 10 % bleach (1 part bleach to 9 parts liquid waste) or other approved disinfectant for 30 min. <i>Note: Do not use bleach with radioactive iodine.</i>	After disinfecting place in liquid radioactive waste container.	UHS See Managing Radioactive Waste

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Type of Waste	Container for Disposal or Treatment	Local Treatment	Where to Put for Pick-up	Pick up By
Solid mixed biohazardous and radioactive waste (including r/sNAs*)	Place solid waste in clear autoclave bag, attach autoclave tape, label as radioactive waste.	Autoclave at 121°C for 60 min. See Autoclaves	After autoclaving place in solid radioactive waste container.	HSRM - See Managing Radioactive Waste
Radioactive animal waste	See Managing Radioactive Waste			HSRM
Liquid prions waste	Place in a suitable liquid handling container.	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
Solid waste containing prions, chemo agents or trace amounts of high hazard chemicals	Place 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
Sharps contaminated with prions waste	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

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Type of Waste	Container for Disposal or Treatment	Local Treatment	Where to Put for Pick-up	Pick up By
<p>Biological toxins</p> <p>Liquid waste</p>	Place in a suitable container for treatment	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.	HSRM - See Hazardous Waste Disposal Procedures
<p>Biological toxins</p> <p>Solid waste containing low molecular weight toxin:</p>	Place waste in a yellow waste bag for incineration	None	Next to regular lab trash container	FM - Call 612-624-2900 for yellow bag or barrel delivery & pick-up
<p>Biological toxins</p> <p>Solid waste containing proteinaceous toxin</p>	Place in red biohazard bag for pick-up or clear autoclave bag if handling on-site	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