






## Hazardous waste management

ALWAYS WEAR PROTECTION GLOVES, LAB COAT and SAFETY GLASSES.

HAZARDOUS WASTE			
	Biological or Infectious or Sharp	Chemical	Low Radioactive (max 50 kBq)
Examples	Petri plates and other containers from the cell culture. Needles, scalpels and pipette tips. Contaminated material as gloves and paper towels. Test animals. GMM-genetically modified microorganism GMO-genetically modified organism Antibiotics	Contaminated material as gloves and paper towels. Small vials with chemical residues. Empty chemical bottles. Residues of solvents. Residues of acrylamide, EtBr, agarose, phenol.	Scintillation bottles, contaminated materials, such as gloves and paper towels, plastic, glass, solutions, precipitates, etc.
Packing	<p>*Sharp waste is collected in secure and labeled small containers, packed in yellow 50 l container.</p> <p>*Liquid waste is collected in secure and labeled plastic bottles, and packed in yellow 50 l container.</p> <p>*Other waste is collected directly in the yellow 50 l container.</p>	<p>*Liquid waste is collected in secure labeled plastic bottles and placed in the fume hood in the lab. Organic liquid waste and halogenated liquid waste is collected separately. <b>Note! Don't mix substance that react.</b></p> <p>*Other waste is packed into boxes for hazardous waste with a black plastic bag in and is placed in the lab.</p>	<p>*Liquid waste is collected in plastic bottles, packed in box for hazardous waste with a black plastic bag in and vermiculite. The box is placed in the isotope lab in a Plexiglas box. Liquid waste must not exceed 5 liter/box.</p> <p>* Other waste is packed into boxes for hazardous waste with a black plastic bag in and placed in the isotope lab in a Plexiglas box.</p> <p>Detailed info is found in the isotope lab.</p>
Labeling	<p>When placing a new 50 l yellow container in the lab, it is marked by the user on the short side with:</p> <ul style="list-style-type: none"> <li>* Sticker for "infectious substance"</li> <li>* Text (with marker pen): MBW-465 and group name. UN 3291: Transport code for dangerous goods</li> </ul>  <p>By placing a new small bottles in the lab, it is marked by the user with the label for infectious substance.</p> 	<p>When placing a new box for hazardous waste in the lab, it is marked by the user with:</p> <ul style="list-style-type: none"> <li>*Text (with marker pen): MBW-465 and group name.</li> </ul>  <p>When placing a new bottle for hazardous liquid waste in the lab, it is labeled by the user with:</p> <ul style="list-style-type: none"> <li>*Sticker for: toxic, flammable or infectious waste.</li> <li>*Text (with marker pen) MBW-465 and group name.</li> <li>*Text (with marker pen): Halogenated or non-halogenated liquid waste. MBW-465 and group name.</li> </ul> 	<p>When placing a new plastic bottle or box for radioactive waste in the lab, it is marked by the user with:</p> <ul style="list-style-type: none"> <li>*Text (with marker pen): MBW-465, name and date.</li> <li>*Text (with marker pen): radionuclide symbol.</li> <li>*Tape with warning symbol for ionizing radiation.</li> </ul> 
Disposal	When 50 l yellow container is full, put the lid on and leave it in room F438a.	Full boxes and plastic bottles for hazardous waste are left in room	Only low-level radioactive waste, max 50 kBq. Please contact Technical staff or

	Animal house facility has its own routines.	F438a.	leave radioactive waste directly in room A205 on Wednesday, 09:45-10:15.
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This document is a summary of the procedures that apply SU and MBW. Please read more:

- SU Management Procedures:

[http://www.su.se/polopoly\\_fs/1.178497.1400845176!/menu/standard/file/waste%20management%20procedures.pdf](http://www.su.se/polopoly_fs/1.178497.1400845176!/menu/standard/file/waste%20management%20procedures.pdf)

- MBW lab safety documents:

<https://www.su.se/departement-of-molecular-biosciences-the-wenner-gren-institute/about-the-department/internal?open-collapse-boxes=ccbd-laboratorysafetyatmbw>

Stockholm University has an environmental policy to reduce dangerous emissions. Therefore it is important that we at MBW try to minimize the emission of solvents into public drains and instead leave it as hazardous waste when possible. Contaminated lab materials are rinsed in water, methanol or acetone before the material is safely washed.

Please use empty plastic bottles from the lab to collect waste when possible.

Technical staff supplies with all the material necessary to handle hazardous waste properly. Please contact technical group if you have questions.