



Northeastern University

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Office of Environmental Health & Safety Forms

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# Sink Disposal Log for Radionuclides Form

Office of Environmental Health and Safety, Northeastern University

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# Sink Disposal Log for Radionuclides



	Disposal Date	Radionuclide	Amount	Experiment Waste Volume	Dilution Volume	Disposal Concentration	Name of User
example	06/27/01	P-32	0.5 uCi	10 ml	990 ml	0.5 uCi/1000 ml	J.P.
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							

Nuclide	Permissible Disposal Concentration
H-3	100 uCi per liter
C-14	20 uCi per liter
P-32	0.5 uCi per liter
S-35	2 uCi per liter
In-111	0.06 uCi per liter
P-33	0.8 uCi per liter
I-125	0.04 uCi per liter
Rb-86	2.0 uCi per liter
Ca-45	0.3 uCi per liter
Cr-51	50 uCi per liter
Tl-201	9 uCi per liter
Tc-99m	200 uCi per liter

**Note:** The following radiation safety program rules apply to the disposal of radioactive materials into the laboratory drains:

1. Material must be readily soluble or dispersible in water.
2. A record of the disposal must be kept on this form.
3. Each disposal must not exceed the average concentration limit specified in the Table shown to the left.
4. The total amount of **all** radioactive material disposed in **each** lab must not exceed 10 millicuries per year.
5. Contact the Radiation Safety Officer for disposal of larger amounts or liquids insoluble in water.
6. Waste minimization practices must be followed.

Please review fact sheet for sink disposal of radioactive material for more information.