Radioactive Waste Disposal Record

MUST BE COMPLETED Before disposal

The user should fill out the Radioactive Waste Disposal form completely before they arrange for a pick-up. Information required to fill the form is described below.

<table>
<thead>
<tr>
<th>SECTION</th>
<th>REQUIRED INFORMATION</th>
</tr>
</thead>
</table>
| Date    | 1. Enter the Start and End date for each container  
          2. Enter the date the isotope was used and waste was generated. |
| Type of waste |  
          DRY: All the non liquid waste (e.g. test tubes, vials, gloves, paper)  
          LIQUIDS: All liquid waste  
          SCINTILLATION VIALS: Isotopes mixed with Scintillation Liquid.  
          OTHERS: Specify (carcasses, Sharps) |
| Radionuclide |  
          Radioactive Isotope with Mass Number: e.g. I-125, P-32, H-3 that corresponds to the RMC# |
| RMC# | Radioactive Material Control Number (RMC#) is generated by Safety Office corresponds to individual isotope vial. |
| Chemical Form | Chemical form of the isotope, Acid, base, etc. e.g. ATP for P-32, |
| Solvent Used | e.g. H₂O, organic/inorganic solvent |
| Activity | Use millicuries (mCi) units |
| Contamination Check | Wipe Test must be performed on the exterior of every waste container before it is picked up and the results must be recorded on the waste form. |
| Certification | The form must be SIGNED by the Authorized Used or person assigned by Permit Holder approved by Safety. |

Please fill the Radioactive waste form completely and write the results from the contamination check before the pick up is arranged.

Radioactive Waste Disposal Record

Waste Segregation & Disposal

WASTE STREAM SELECTION

All radioactive wastes must be segregated in the Laboratory according to the following categories. (Different isotopes cannot be mixed in same container)

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry</td>
<td>Glass tubes, paper, rubber, empty stock vials, pipettes.</td>
</tr>
<tr>
<td>Aqueous Liquid</td>
<td>Liquids must be in non-breakable and compatible containers that are approved and provided by the Safety Department.</td>
</tr>
<tr>
<td>Organic Liquid</td>
<td>Liquid Scintillation cocktail in vials only. NO gloves, paper towels, bags, etc</td>
</tr>
<tr>
<td>Vials Containing Unabsorbed Liquids</td>
<td></td>
</tr>
<tr>
<td>Sharps</td>
<td>Needles, razors, other sharp objects</td>
</tr>
<tr>
<td>Animal Carcasses/ Tissues</td>
<td>Frozen animals carcasses or tissues from animals that we fed, injected or infused with radionuclide(s) prior to sacrifice. All carcasses should be put in a brown paper bag. Do Not use plastic zip lock bags.</td>
</tr>
<tr>
<td>Animal Waste and Bedding</td>
<td>Waste from cages where animals containing radionuclide(s) are housed.</td>
</tr>
<tr>
<td>Lead Pigs</td>
<td>Segregate from regular radioactive waste for special pick up</td>
</tr>
</tbody>
</table>

Deface all the radioactive symbols and letters from any container before disposal. (Use permanent black marker) E.g. Pigs, Vials, Yellow Rad tapes, bags

Notes:

- Radioactive wastes will be picked up according to a building-by-building schedule. The schedule will be adjusted to accommodate holidays.
- Special pick-ups could be arranged by calling Environmental Health & Safety Office (323) 442-2200

Updated 4/14
### Proper Container Selection

#### Wooden Box (20 Gallons)

**Dry Waste**

- Radionuclides (Short Half-Life)
  - P-32

#### Metal Drum (15 Gallons)

**Dry Waste**

- Radionuclides (Moderate Half-life)
  - I-125, Cr-51
  - S-35, P-33
  - C-14, H-3
  - Cl-36

#### Plastic Barrel (15 Gallons)

- Scintillation Vials
  - Regulated Vials (RV)
    - P-32, P-33
    - Cr-51, I-125
    - S-35, Cl-36
  - De-Regulated Vials (DRV)
    - H-3, C-14

### Plastic Container (1 Gallon)

- Liquid Rad Waste
  - Do not overfill
  - Close cap tightly after each use.
  - Mark the Date & Radionuclide on each bottle.

### Red Sharp Container (1 Gallon)

- Sharp Rad Waste
  - Fill to the Capacity Line
  - Close cap when full
  - Make sure there is “Radioactive Material” sticker present on the container.

### Notes:

The Environmental Health & Safety Office will provide Radioactive Waste Containers for proper segregation of the waste to each lab.

(323) 442-2200
2001 N. Soto St. SBA #329,
Los Angeles, CA 90032