**Laboratory Waste Stream Table**

<table>
<thead>
<tr>
<th>Waste Category</th>
<th>Hazardous Chemical Waste</th>
<th>Managed by Environmental Management Program (EMP) - Extension 2-3477</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>1. Accumulate in waste containers in designated and labeled Satellite Accumulation Areas (SAA). Attach a red tag to all waste containers.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. When waste container is ready for pickup, date red tag and &quot;request waste pickup&quot; using online form.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Waste will be picked up within three business days. Any containers not properly labeled will not be picked up.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Request red tags and secondary containers from EMP by using the &quot;request waste pickup&quot; online form. Contact EMP for large containers designated for large volumes of one waste type.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Bio/Chem</strong></td>
<td>Bio/Chem Waste</td>
</tr>
<tr>
<td></td>
<td>1. Liquid chemical waste can be disinfected using carefully selected chemical treatments ONLY IF COMPATIBLE with the other chemicals in the experiment. Contact EMP for advice to avoid adverse chemical reactions.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Handle resulting waste as hazardous chemical liquid waste.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Bio/Rad</strong></td>
<td>Bio/Rad Waste</td>
</tr>
<tr>
<td></td>
<td>1. Liquid waste is disinfected using chemical treatments with a 20-minute incubation in mercury-free bleach baths to eliminate the biological component.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Contact RPP for approval prior to waste generation.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Collect waste in a compatible container.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Label with radiation tags, name of isolotpe and chemical, and primary hazard of the chemical.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Chem/Rad</strong></td>
<td>Chem/Rad Waste</td>
</tr>
<tr>
<td></td>
<td>1. Contact RPP for approval prior to waste generation.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Collect waste in a compatible container.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Label with radiation tags, name of isolotpe and chemical, and primary hazard of the chemical.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Contact RPP for approval prior to waste generation.</td>
<td></td>
</tr>
</tbody>
</table>

| Solid          | 1. Accumulate in waste containers in designated and labeled Satellite Accumulation Areas (SAA). Attach a red tag to all waste containers. | |
|                | 2. When waste container is ready for pickup, date red tag and "request waste pickup" using online form. | |
|                | 3. Waste will be picked up within three business days. Any containers not properly labeled will not be picked up. | |
|                | Request red tags and secondary containers from EMP by using the "request waste pickup" online form. Contact EMP for large containers designated for large volumes of one waste type. | |

**Sharps**

2. Follow instructions on label to container personnel. | |
3. EMP provides all containers for waste. | |
4. EMP collects all containers for waste. | |

- A regulatory waste classification associated with instruments. Used in tissue, cell, or tissue and, as waste, can cause punctures or cuts to solid waste handlers or the public. (syringes, hypodermic needles, lancets, surgical blades, razor blades, sterile tips, transfer pipettes)

- Made up of plastic bags, razor-blade-tipped chemical waste, or solid waste. (e.g., needles, broken glass, metal shavings, other sharp objects)

- EMP collects all radioactive waste, including waste from biological, chemical, and radioactive waste streams. EMP provides all containers for waste. EMP manages waste through EMP Online Request System. EMP collects all sharps through EMP Online Request System.

**Animal & Human Pathological**

1. Wrap animal or human pathological waste (including carcasses) in bench paper. | |
2. Place in a plastic bag. | |
3. Store in designated freezers in the lab or DCM facilities. Researchers must complete the "Certification of Radioactivity/Content of Animal Carcasses" and attach it to the package. | |
4. RPP collects ANIMAL CARCASS WASTE THROUGH A WEB REQUEST. | |
5. EMP collects all radioactive waste, including waste from biological, chemical, and radioactive waste streams. EMP provides all containers for waste. EMP manages waste through EMP Online Request System. EMP collects all sharps through EMP Online Request System.

**Radioactive Waste**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

- Collect liquid waste exceeding sanitary sewerage disposal limits in 1-gallon plastic jugs. | |
- Collect bulk liquid scintillation fluids in 1 or 5-gallon containers. | |
- Collect scintillation vials in 20-gallon plastic drums. | |
- Aquous, radioactive liquid waste within sewerage disposal limits is disposed via lab sinks designated for this purpose by RPP. The PHS lab sink must be labeled "This Sink Designated for Disposal of Aquous Liquid Waste" with activity limits and instructions. | |
- EMP provides all containers for waste. | |
- EMP collects all radioactive waste, including waste from biological, chemical, and radioactive waste streams. EMP provides all containers for waste. EMP manages waste through EMP Online Request System. EMP collects all sharps through EMP Online Request System.

- EMP provides all containers for waste. | |
- EMP collects all containers for waste. | |
- EMP collects all containers for waste. | |
- EMP collects all containers for waste. | |

**Biologically Contaminated Solid Waste**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

1. Accumulate in waste containers in designated and labeled Satellite Accumulation Areas (SAA). Attach a red tag to all waste containers. | |
2. When waste container is ready for pickup, date red tag and "request waste pickup" using online form. | |
3. Waste will be picked up within three business days. Any containers not properly labeled will not be picked up. | |
4. Request red tags and secondary containers from EMP by using the "request waste pickup" online form. Contact EMP for large containers designated for large volumes of one waste type. | |

**Biologically Contaminated Liquid Waste**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

- Do not place chemical bottles (empty or full) in a chemical sharps container. | |
- Accumulate and dispose of sharps waste containing hazardous chemicals within sewerage disposal limits in 1-gallon plastic jugs. | |
- Place in a plastic bag. | |
- Put in a plastic bag, and placed in a DCM facilities freezer for disposal. | |
- Managed by Environmental Management Program (EMP) - Extension 2-3477

**Aqueous Waste**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

- WASTE IS COLLECTED BY RPP THROUGH A WEB REQUEST. | |
- http://ehs.mit.edu/site/content/radioactive-waste-pick-up | |
- Inert waste is collected by EMP through a Web Request. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |

**Radio/Chemical Waste**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |

**Radio/Chemical Waste**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |
- EMP provides all containers for waste. | |

**Radiation Protection Program**

Managed by Radiation Protection Program (RPP) - Extension 3-3477

1. Do not produce radioactive waste, if possible. | |
2. Only request radioactive waste when necessary. | |
3. Use radioactive waste containers designed and labeled for the specific radioactive waste content. | |
4. EMP collects all radioactive waste, including waste from biological, chemical, and radioactive waste streams. EMP provides all containers for waste. EMP manages waste through EMP Online Request System. EMP collects all sharps through EMP Online Request System.

**Accumulation Areas (SAA)**

1. Accumulate contaminated lab materials (paper, plastic, gloves, etc.) in containers labeled with the half-life of discarded materials. | |
2. Complete an attached inventory card after each disposal. | |
3. Scintillation Vials: see liquid radioactive waste above | |
4. EMP provides all containers for waste. | |
5. EMP collects all containers for waste. | |