Hazardous Waste Management

For the College of Dental Medicine
EMS Policy: No Drain Disposal

No Drain Disposal Policy

All waste must be collected for safe and proper disposal through EH&S.
5 Rules of Hazardous Waste Management

• Collect
• Label
• Lid
• Locate
• Leaks
For Hazardous Waste Pickup

http://vesta.cumc.columbia.edu/ehs/wastepickup/

Environmental Health & Safety
Columbia University

Chemical/Hazardous Waste Pickup Form

All lab/personal information must be filled out completely.

Lab/Personal Information

<table>
<thead>
<tr>
<th>Campus</th>
<th>Morningide — Change Campus</th>
<th>Date: 2008-07-26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requested By</td>
<td>Brian Anderson</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:be2150@columbia.edu">be2150@columbia.edu</a></td>
<td></td>
</tr>
<tr>
<td>Phone</td>
<td>4-0749</td>
<td></td>
</tr>
<tr>
<td>Building</td>
<td>G.W. Mudd</td>
<td>Lab/Room Number</td>
</tr>
<tr>
<td></td>
<td></td>
<td>351</td>
</tr>
</tbody>
</table>

☐ Click here if only requesting containers/supplies

Chemical/Hazardous Waste Description

<table>
<thead>
<tr>
<th>Phase</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of container #</td>
<td>5 gal (19 L)</td>
</tr>
<tr>
<td>Chemical Name #</td>
<td>Hexane 50%, Ethyl acetate 25%, Acetone 25%; if a mixture, % or ppm of each component MUST be listed.</td>
</tr>
<tr>
<td>Location of waste #</td>
<td>Under hood 351B</td>
</tr>
</tbody>
</table>

Click here to add another Chemical/Hazardous Waste Description

Replacement containers/supplies needed:
Waste Management

- Types of Hazardous Dental Waste
  - Amalgam and capsules
  - Chair side traps
  - Lead Foil
  - Extracted Teeth
  - Aerosol Cans
  - Batteries
  - Chair Side Lamps
  - X-ray Film
  - Silver Recovery Units
  - Pharmaceutical waste, including lidocaine & marcaine carpules
  - Sharps
Amalgam & Capsules

- Designated collection containers are found at each station utilizing amalgam.
- Amalgam and capsules must be collected in these containers.
- Once the chair side containers are full, they must be poured into the 5-gallon pre-labeled amalgam container located on each floor in VC.
Chair Side Traps & Lead Foils

- Must be collected after use and placed into the designated 5-gallon or 1-gallon non-hazardous waste containers located on each floor.
– ALL extracted teeth, including those containing amalgam must be placed in non-hazardous waste containers along with a 10% bleach solution.
- Aerosol cans, even if empty, must have the original cap placed on the can or the nozzle removed. The can must then be placed in an EH&S provided collection container with a EH&S provided pre-labeled hazardous waste label affixed.
1st Waste Review
Used Batteries

Battery Bin Location:
Presbyterian Hospital 8th Floor

*NO wet chemistry batteries
*NO sharps

Version: #
Last Updated: 13-Oct-14

Program Name
www.ehs.columbia.edu
Used Lamps

- Chair Lamps and Other Fluorescent Lamps
  - All lamps are recycled due to Mercury content.
  - VC 7&8- Contact Iris for disposal.
  - Other CODM Locations- Place online pickup request.
Silver recovery units must be affixed to every processor.

Used, unused and expired films must be collected for recycling.
Pharmaceutical Waste

- Epinephrine containing carpules (Empty or Full)
  - Including maricaine and lidocaine solution
  - Must be collected in non-hazardous waste containers, when unused.
  - Empty containers may be discarded in RMW.

Hazardous Materials
www.ehs.columbia.edu
Pharmaceutical Waste

- Expired or partially used medications may not be discarded in the trash, RMW or down the drain.
- CODM Pharmaceutical materials must be managed through the Pharmacy and returned to them after use.
- EH&S cannot accept DEA Controlled Substances as waste.
All sharps must be collected in red, puncture resistant sharps containers, including:
- Needles
- Razor Blades
- Dental/Orthodontic wire
- Pipettes
- Pipette Tips
- Broken glass that has come in contact with blood or bodily fluids
2nd Waste Review
What’s Wrong with these Pictures?
What’s Wrong with this Picture?
Any Questions?