The Proper Disposal of Light Bulbs
Purpose

• The New York State Department of Environmental Conservation (NYS DEC)
  – Regulation of waste
  – Broken mercury-containing lamps = Hazardous Waste
  – Strict guidelines for generators of this waste
  – Violations lead to fines
Goals

• Understand the NYSDEC terminology

• Awareness of Hazardous Waste vs. Universal Waste lamps

• Understand proper waste lamp process
Terminology

- Universal Waste
- Hazardous Waste
- Satellite accumulation area
- Accumulation Start Date
- Large Quantity Generator
Mercury Containing Lamps
Universal Waste

- All unbroken lamps being disposed of
- Sent for recycling/reclamation
- System is in place on campus
Universal Waste

Container Rules:

• NON-BROKEN Lamps
• Lamps must be placed in properly labeled container
• Accumulation start date marked
• Container must be stored closed
Universal Waste Label

Universal Waste: Non-Broken Lamps Only

Regulations require that this container must be kept closed
For more information call 607-254-1666 or email recycle@cornell.edu

Must be recycled within one year of the accumulation start date: ________________
Hazardous Waste

• Broken Fluorescent Lamps (including CFL’s)
  – Mercury containing lamps
• Separate collection from Universal Waste Lamps
• NYS DEC Regulation
Hazardous Waste

Container Rules:

• Broken lamps and pieces ONLY
• Must be labeled Hazardous Waste: Broken Lamps
• Container must be closed
• Bulb must be placed in broken bulb container for the facility
Hazardous Waste: Broken Lamps Only

Regulations require that:

- This container must be kept closed
- This container must not be moved
- For more information call 607-254-1666 or email recycle@cornell.edu
Waste Lamp Storage Area

These areas...

- Are designated within every building/complex
- Will contain a poster with tips and QR Codes linked to videos
- Will contain labeled containers
STACS (System for Trade & Auction of Cornell Surplus)

- Surplus items posted online
- Items are no-cost for campus departments & facilities
- Unclaimed items auctioned publically
- Items Donated to Not-for-Profit Organizations
STACS – 2013 Calendar Year

1190 Items Repurposed

- 398 Items – Reused Internal
- 492 Items – External Auction
- 300 Items – Donated Off Campus
## STACS – 2013 Calendar Year

<table>
<thead>
<tr>
<th>Waste Reduced</th>
<th>Avoided Landfill Costs</th>
<th>External Auction Income</th>
<th>Avoided CU Purchases</th>
<th>Donations to Not-for-Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>112,970 lb. (56+ tons)</td>
<td>$988 (conservative estimate)</td>
<td>$11,795 (conservative estimate)</td>
<td>$60,562 (conservative estimate)</td>
<td>$22,795 (conservative estimate)</td>
</tr>
</tbody>
</table>
View Available Items at http://R5.FS.CORNELL.EDU

1. An online PUBLIC auction system, for surplus materials no longer needed on the campus.

2. An online system for internal reallocation of university owned materials. Click here for directions to access to the materials available for internal reallocation (a valid faculty or staff net id and password are required).
Contact Information

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607-254-1666
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