

Universal Waste & Used Oil BMPs

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What are Universal Wastes?

- Wastes that would likely be hazardous
- Widely generated
- Recycling options available
- Reduced regulations if properly managed

Specifically... What are Universal Wastes?

- Used Lamps
 - Used Batteries
 - Used Mercury devices
 - Used Antifreeze
 - Waste Pesticides
-
- Used Oil & Used Oil Filters are not but have similar rules





Management Requirements

1. Place wastes in structurally sound containers
2. Date containers
3. Label containers "Used" "Waste" or "Universal Waste" – specific label for each waste type
4. Keep containers closed when not in use
5. Dispose of within 1 year
6. Train employees on proper handling & emergency procedures with Universal Waste

* Retain documentation of recycling – Receipts

UNIVERSAL WASTE

CONTENTS _____

ACCUMULATION START DATE _____

SHIPPER _____

ADDRESS _____

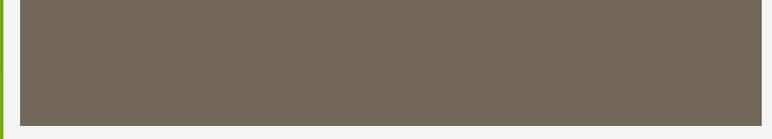
CITY, STATE, ZIP _____

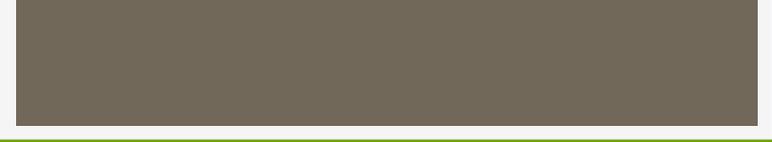
Used Lamps

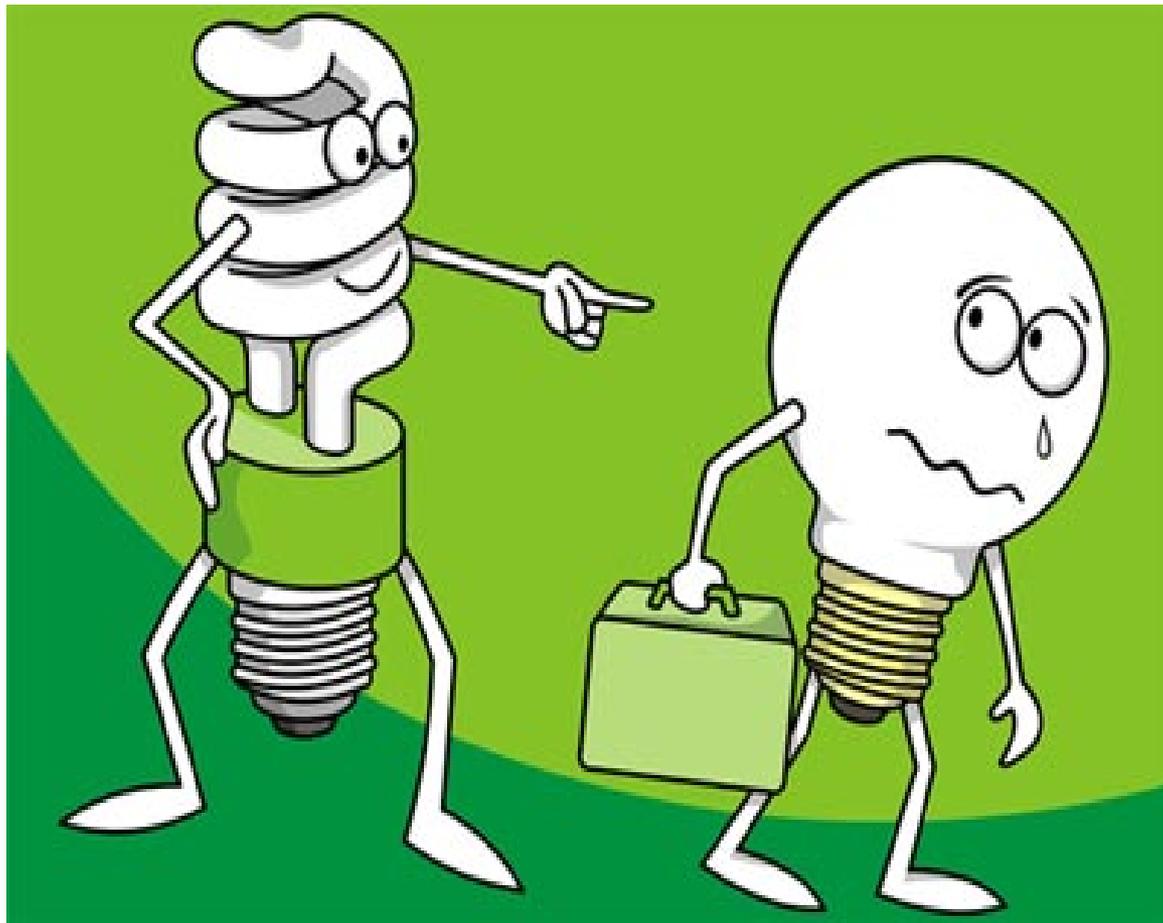
- Use original containers for containment
- Do not tape together
- Do not store loosely
- If broken
 - place pieces in leak proof, non metal container
 - ventilate area
 - EPA Guidance on broken lamps











Used batteries

- Close containers when not in use
- Do not use metal containers
- If leaking, containerize in leak proof container



Used Mercury Containing Devices

- Keep broken material in a separate, leak proof, nonmetal container (double seal)



Used Anti-freeze



Universal Waste Pesticides

- Not “used” but rather recalled or unused



Used Oil

- Store in structurally sound containers
- No mixing of other fluids
- Label container as "Used Oil"
- >55 gallons hauled by a licensed transporter
- Recommended -
 - Oil dry or kitty litter onsite
 - Double containment



Used Oil Filters

- Label containers
- Recycle



How to handle...

UNIVERSAL WASTE

[As per NR 673 W.A.C. Refer to code for details.]



LAMPS

Labels must read:
 "Universal Waste - Lamps"
 or "Used Lamps"
 or "Waste Lamps"

NOTE: "BULBS" IS NOT A PROPER LABEL.

TRAIN
 Employees who handle universal waste require training.
 Keep training records.

KEEP CLOSED
 All containers of used lamps, antifreeze, pesticides and mercury-containing equipment must be kept closed.

LABEL
 All containers or individual items must be correctly labelled.

DATE
 Containers or individual items must be labelled with the date when the item was first placed in the container or the date when the item became waste.

REMOVE
 Waste must be picked up or taken for recycling within one year of the date on the container.



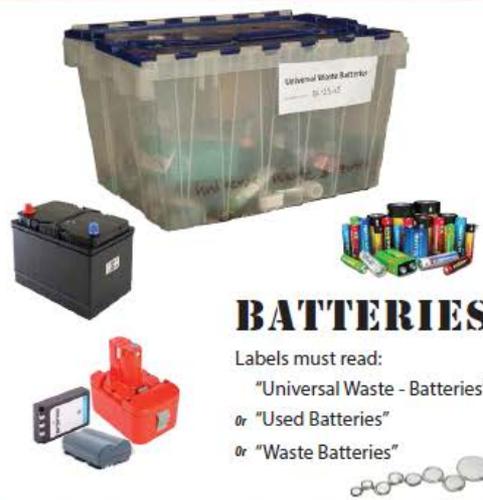
RECALLED OR UNUSED PESTICIDES

Labels must read:
 "Universal Waste - Pesticides"
 or "Waste Pesticides"
 and have original product label



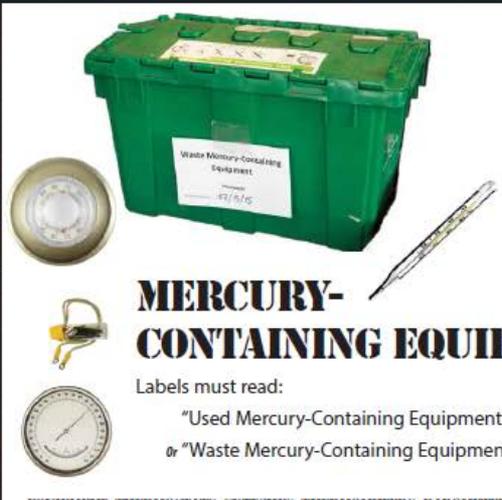
ANTIFREEZE

Label must read:
 "Used Antifreeze"



BATTERIES

Labels must read:
 "Universal Waste - Batteries"
 or "Used Batteries"
 or "Waste Batteries"



MERCURY-CONTAINING EQUIP.

Labels must read:
 "Used Mercury-Containing Equipment"
 or "Waste Mercury-Containing Equipment"

EQUIPMENT: THERMOSTATS, SWITCHES, THERMOMETERS, BAROMETERS

GOT A LEAK?
 Any items that are leaking or damaged must be contained in closed, leakproof containers.

IMPORTANT REMINDER...
 If not managed as universal waste, these items **must** be managed as hazardous waste.

dnr.wi.gov, search "universal waste"
 608-266-2111



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