



newjersey **nj dep**
department of environmental protection

Universal Waste Handler Inspector Perspective

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Remember your Universal Waste Streams:

“The Big 3”

- Lamps
- Batteries
- Consumer Electronics

Then the rest:

- Pesticides
- Oil-based Finishes
- Mercury containing devices

Universal Waste Handler - Issues Found During Inspections

- Using Proper Containers
- Labeling / Marking
- Accumulation Time
- Treatment / Disposal
- Record-keeping



Proper Containers



Proper Containers

- Must be structurally sound
- Adequate to prevent breakage (UW lamps)
- Must remain closed while in storage
- Compatible with the contents of the UW
- Must not show evidence of leakage, spillage
- Containers that do not meet the requirement must be overpacked (UW pesticides)

Example on how NOT to store
UW Lamps



Another example on how NOT to store UW Lamps



Example on how NOT to store
UW Lamps





12/16/2009



Improper container closure
and storage





Universal Waste - Lamps



Examples of Proper Containers

Universal Waste - Batteries



05/07/2008





#11

DO NOT ENTER

ACCEPTABLE LAMPS / LÁMPARAS ACEPTABLES
PLEASE REFER TO THE INSTRUCTIONS AND OTHER FOR THE TYPE AND
SPECIFICATIONS FOR THE BOX USE ONLY. DO NOT USE FOR OTHER TYPES OF
LAMP. Call the number on the front of the box for more information or
information on how to use the box. The recycling center has been
established to accept and process the used and broken lamps.
This box is provided for your use only. It is not to be used for other purposes.
This box is provided for your use only. It is not to be used for other purposes.
This box is provided for your use only. It is not to be used for other purposes.

WHERE TO BUY / ¿DÓNDE COMPRAR
Please refer to the instructions and other for the type and
specifications for the box use only. DO NOT USE FOR OTHER TYPES OF
LAMP. Call the number on the front of the box for more information or
information on how to use the box. The recycling center has been
established to accept and process the used and broken lamps.
This box is provided for your use only. It is not to be used for other purposes.

ABOUT US / ACERCA DE NOSOTROS
Please refer to the instructions and other for the type and
specifications for the box use only. DO NOT USE FOR OTHER TYPES OF
LAMP. Call the number on the front of the box for more information or
information on how to use the box. The recycling center has been
established to accept and process the used and broken lamps.
This box is provided for your use only. It is not to be used for other purposes.

INSTRUCCIONES / INSTRUCCIONES
Please refer to the instructions and other for the type and
specifications for the box use only. DO NOT USE FOR OTHER TYPES OF
LAMP. Call the number on the front of the box for more information or
information on how to use the box. The recycling center has been
established to accept and process the used and broken lamps.
This box is provided for your use only. It is not to be used for other purposes.

RECYCLEPAK
RECYCLING
FLUORESCENT LAMP RECYCLING BOX
DO NOT USE FOR OTHER TYPES OF LAMP
CALL THE NUMBER ON THE FRONT OF THE BOX FOR MORE INFORMATION OR
INFORMATION ON HOW TO USE THE BOX. THE RECYCLING CENTER HAS BEEN
ESTABLISHED TO ACCEPT AND PROCESS THE USED AND BROKEN LAMPS.
THIS BOX IS PROVIDED FOR YOUR USE ONLY. IT IS NOT TO BE USED FOR OTHER PURPOSES.

09/28/2010





Labeling Universal Wastes

UNIVERSAL WASTE

CONTENTS _____

ACCUMULATION START DATE _____
SHIPPER _____
ADDRESS _____
CITY, STATE, ZIP _____

UNIVERSAL WASTE

UWMV LABELMASTER® (800) 621-5808 www.labelmaster.com

Labeling / Marking

- Universal Wastes must be labeled / marked either by container or individually
- Simplest way to comply is using a piece of paper taped to a container. However, a purchased pre-printed label is acceptable
- Label must be clear, legible, and easily visible

Labeling / Marking

- Acceptable wording is:
 - “Universal Waste – Lamps”, “Used Lamps”, or “Waste Lamps”
 - “Universal Waste – Battery(ies)”, “Used Battery(ies)”, or “Waste Battery(ies)”
 - “Universal Waste – Consumer Electronics”
 - “Universal Waste – Pesticides”
 - “Universal Waste - Oil-Based Finishes”
 - “Universal Waste - Mercury Containing Devices”

Universal Waste - Consumer Electronics not properly marked





ENTER



07/02/2010



UNITED STATES
POSTAL SERVICE
FLAT MAIL TRAY

UNITED STATES
POSTAL SERVICE

07/02/2010

Discontinue
1/30/10

AR-500NT



01/24/2012

Examples of Labeling / Marking Universal Waste

- Link for labels

http://www.ecy.wa.gov/programs/hwtr/hw_labels/index.html



Some of Universal Waste - Lamps shown here are marked
some unfortunately are NOT.



06/18/2008

Container holding Universal Waste - Lamps shown here properly marked, but improperly stored.





USED LAMPS

USED LAMPS

USED LAMPS

USED LAMPS

USED LAMPS

01/21/2009

ELECTRONIC SPECIALTY PRODUCTS
T8 MEDIUM BIPIN 4100 K

12/10
R



Universal Waste -
Consumer Electronics
Month - AUGUST
Year - 2010
Weight (lbs) - 615

08/20/2010



Universal Waste -
Consumer Electronics
Month - Aug
Year - 2010
Weight (lbs) - 1
873

08/20/2010



Universal Waste -
Consumer Electronics
Month - *June*
Year - 2010
Weight (lbs) - *123*



LABEL
OTHER
END

LABEL
OTHER
END



Universal Waste -
Consumer Electronics
Month - *May*
Year - 2010
Weight (lbs) - *58*



Universal Waste -
Consumer Electronics
Month - *May*
Year - 2010
Weight (lbs) - *328*



08/20/2010

Universal Waste –
Consumer Electronics

Month - *May*

Year – 2010

Weight (lbs) - *358*

08/20/2010

Accumulation Time

- Universal waste may be accumulated for no longer than one year from the date the universal waste is generated
- Simplest way to comply is by marking the container/equipment with the accumulation start date (most accurate)
- Maintain manifests, bill of lading, or invoices, showing proof of shipment offsite

UNIVERSAL WASTE

CONTENTS CRT - WASTE
(MONITOR)

ACCUMULATION START DATE 10/18/04

SHIPPER B46-134

ADDRESS _____

CITY, STATE, ZIP _____

~~AWAIT PICK-UP DATE:~~ 10/18/04



Universal
Waste

01/01/2010

Treatment / Disposal

- Handlers are prohibited from diluting or treating universal waste (i.e. crushing lamps)
- Here is the link on lamp crushing:

<http://www.nj.gov/dep/enforcement/advisories/2005-13.pdf>

- Handlers are prohibited from disposing of universal waste

DO NOT PLACE IN REGULAR GARBAGE



DON'T TRASH FLUORESCENT LIGHT BULBS!

Take them to a Universal Waste Collection Center or Recycle Compact Fluorescent Lamps at a participating retail store.

For a list of participating stores, visit www.epa.gov

KEEP YOUR TRASH TOXIC-FREE



NO

**BATTERIES,
LIGHT BULBS,
ELECTRONICS,
OR MERCURY**



Keep batteries
out of the trash

RECYCLE

**LAPTOPS
TELEVISIONS
COMPUTER MONITORS
AUTOMOBILE BATTERIES
RECHARGEABLE BATTERIES
MERCURY ITEMS**

- THERMOMETERS
- THERMOSTATS
- SWITCHES
- FLUORESCENT BULBS

IT'S THE LAW

**NO
DUMPING
Universal
Waste**



05/07/2009

Record-keeping

- Only Large Quantity Handlers are required to keep records of shipments of universal waste
- Acceptable records include logs, invoices, manifests, bill of lading etc.
- Records must show the name & address of the destination facility; the quantities & types of waste sent; and the date of shipment
- Records must be kept for three years
- Record-keeping optional for Small Quantity Handlers but recommended

This Shipping Order

Must be properly filled in ink, readable font, and
correct, and retained by the agent

Shipper No. _____

Page _____ of _____

PRIME ENVIRO

Carrier No. _____

Date *11/8/10*

BY THE SHIPPER TO BE FILLED IN ALL CASES UNLESS OTHERWISE SPECIFIED BY THE CARRIER

TO: *PRIME ENVIRONMENTAL*
 Street: *28 E HANCOCK AVE*
 City: *NEWARK NJ* Zip Code: *07102*
 Tel: _____ Fax: _____

FROM: Shipper: *BOBST*
 Street: *175 HARRISON AVE*
 City: *ROSELAND NJ* Zip Code: _____
 Tel: _____ Fax: _____

Hour: _____ Vehicle Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, UN or NA Number, Proper Shipping Name, 1-4 of Risk Phrase, Packing Group	TOTAL QUANTITY (Weight Volume, Gross Net)	WEIGHT (Gross Net) Container	RATE	CHARGES (For Carriage and Other)
<i>4</i>		<i>4 X 8FT Boxes of fluorescent bulb</i>				
<i>2</i>		<i>2 X 8FT Boxes of fluorescent bulb</i>				
<i>20</i>		<i>20 pcs. Computer/monitor/Printer</i>	<i>3</i>			
<i>Delivered to Newtech 11/8/10</i>						
<i>Signature 11/8/10</i>						

PLACARDS TENDERED: YES NO

BEAT
 (UNIT TO
 DECREASE)

COD
 Amt: \$ _____

CO.D. FEE
 (UNIT TO
 INCREASE)

TOTAL
 CHARGES \$ _____

FREIGHT CHARGES

SHIPPER _____ CARRIER _____

PER _____ PHH _____ **2**

DATE _____

Recommended office address of shipper _____

SHIPPER PHONE: (800) 368-5828 LABELMASTER (800) 368-5828 FAX: (800) 368-5828

Online Resources

- Inspection Checklists

<http://www.nj.gov/dep/enforcement/hw-chklists.html>

- Inspection Reports

<http://www.nj.gov/dep/opra/online.html>

- Fact Sheets

<http://www.state.nj.us/dep/dshw/lrm/uwaste/uwindex.htm>

- Rules & Regulations

<http://www.nj.gov/dep/dshw/resource/rules.htm>

Any Questions???



Please wait for panel discussion!!