



## **Universal Waste Disposal Procedures**

All University Department must contact **FAST Coordination Center at 216-687-2500** or the **Office of Environmental Health and Safety (EHS) at 216-687-9306** to schedule a pickup of universal waste.

### **Universal Waste**

In accordance with applicable regulations, waste is considered hazardous waste before it can be defined as a universal waste. Cleveland State University manages the following hazardous waste items as universal waste in accordance with the Universal Waste Rules:

Bulbs/Lamps  
Non-Alkaline Batteries  
Non-PCB Ballasts  
Computer Equipment & Televisions

### **Lamps**

Incandescent, fluorescent, metal halide, neon, high-intensity discharge, high-pressure sodium and mercury vapor illuminating items are generally considered lamps. Fluorescent lamps may contain mercury, cadmium and lead. Maintenance and repair personnel are to contact the FAST Coordination Center x2500 to have those materials removed.

All Bulbs/Lamps are shipped out intact – there is no crushing on-site.

### **Batteries**

Batteries are to be dropped off in the Battery Recycling Storage Containers located in the common areas throughout campus. **EHS personnel empty Battery Recycling Storage Containers once a month.**

### **Lead – Acid Batteries**

Lead is considered a hazardous substance. Items containing lead cannot be discarded in regular solid waste containers (dumpsters, garbage cans, etc.). Batteries such as these are common in various types of vehicles (cars, golf carts, tractors etc.). If possible, all such batteries are to be returned to vendors for recycling. Other sources of lead-acid batteries (older cell phones and video cameras) are to be dropped off in a Battery Recycling Storage Container.

### **Nickel-Cadmium (Ni-Cad) Batteries**

Cadmium is considered to be a hazardous substance. Items containing cadmium cannot be discarded in regular solid waste containers. Examples of Ni-Cad battery use include rechargeable-type batteries commonly used for pagers, two-way radios, cordless and cell phones, laptop computers and video cameras. All such batteries are to be dropped off in a Battery Recycling Storage Container.

### **Alkaline Batteries**

Alkaline batteries are the battery types found in most households and are non-rechargeable. Their use in equipment and appliances is widespread, from flashlights and radios, to CD players and garage door openers. Batteries of this type may be dropped off in a Battery Recycling Storage Container.

### **Lithium Batteries**

Lithium batteries found in items such as watches, cameras and some computers. These batteries do not possess hazardous materials in amounts that require processing as hazardous waste. Batteries of this type may be dropped off in a Battery Recycling Storage Container.

### **Mercury Batteries**

Mercury is considered to be a hazardous substance. Items containing mercury cannot be discarded in regular solid waste containers. Batteries containing mercury are common in hearing aids. **All such batteries are to be disposed of by contacting EHS for processing as a hazardous waste 216-687-9306.**

### **Computer Equipment**

Computer equipment (PC, monitor, keyboard, speakers, printers, scanners, mice, etc.) and televisions are sent offsite for recycling. **Contact FAST Coordination Center 216-687-2500 or Property Control 216-687-3645 to schedule a pickup of computer equipment.**

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