



Missouri State Recycling Program

Office of Administration | General Services | 573-751-3384

Fluorescent & LED Lamp (Bulb) Recycling Guidelines

Fluorescent Lamp (Bulb) Recycling Services Contract is available at

<https://archive.oa.mo.gov/purch/noa/cs190755.pdf>

The types of lamps and lighting supplies that can be recycled include:

- Straight/Linear fluorescent (1-foot; 2-foot; etc.)
- Utube/Circular
- High Intensity Discharge/Mercury Vapor/Metal Halide/High-Pressure Sodium
- Compact fluorescent
- Shatter shield/Power groove
- PCB ballasts
- Non-PCB ballasts
- “Green Tip” lamps contain mercury and require proper disposal like other fluorescent lamps (bulbs)

Note: It is very important to keep PCB ballasts separate from non-PCB ballasts

Recycling Fees Paid by the Agency

The lamp recycling contract offers on-site pickup services (large loads) or a mail order recycling service.

Large Shipments: The lamp recycling contract specifies a **minimum charge of \$600** per pickup for on-site pickups. Based on contract pricing a minimum charge is equivalent to (see pricing page of contract on p. 3):

Examples of fluorescent lamp loads that meet the \$600 minimum charge

2,500 4-foot lamps (6 cents per foot) **or**
200 u-tubes (34 cents each), 200 compacts (40 cents each), and 1,900 4-foot lamps etc.

To request a pickup of pallet-load quantities of fluorescent lamps email Sara.Crom@veolia.com.

Small Shipments: If an agency doesn't generate enough lamps to meet the minimum charge, then see pricing for mail order recycling service (RecyclePak®) on page 6 of the contract. This is a pre-paid service where different sized boxes are purchased for recycling lamps. To order RecyclePak® supplies, email PakTS@veolia.com.

Note on Cost of Service: The pre-paid service typically used for small shipments is significantly more expensive than the pallet-load service (large shipments). It may be more cost effective for an agency to pay the minimum charge than to utilize the pre-paid box service.

Recycling Fees Paid by the Recycling Program

Assistance in paying for recycling of lamps and lighting supplies may be available from the State Recycling Program. The state agency should send an email to recycling@oa.mo.gov requesting assistance along with the number and types of lamps and lighting supplies to be recycled. For instance, 500 4-foot; 100 2-foot; 150 u-tubes; etc. After reviewing the request, the State Recycling Program will determine if funding is available. The agency will be informed of the determination by email.

Lamp & Ballast Packaging Supplies

Small Shipments: If an agency doesn't generate enough lamps to meet the minimum charge then see pricing for mail-order recycling service (RecyclePak®) on page 6 of the contract. This is a pre-paid service where different sized boxes are purchased for recycling lamps. To order RecyclePak® supplies, email PakTS@veolia.com.

Note on Cost of Service: The pre-paid service typically used for small shipments is significantly more expensive than the pallet-load service. It may be more cost effective for an agency to pay the minimum charge than to utilize the pre-paid box service.

Large Shipments (see page 1):

1. Ideally, boxes containing the new lamps will be used to recycle the old lamps.
2. If the State Recycling Program has approved payment for lamp recycling services, then email recycling@oa.mo.gov with an estimate of the number of lamps and size of each lamp. State Recycling will order the boxes and drums needed.
3. If state agency is paying for lamp recycling services, then email Sara.Crom@veolia.com for any packaging supplies such as boxes and drums that are needed.

Ballasts

1. It is **very important** that PCB ballasts be kept separate from non-PCB ballasts. All PCB ballasts must be packaged separately from all other materials.
2. Non-PCB ballasts can be sold as scrap. In most situations non-PCB ballasts should not be sent to the lamp recycling contractor as it will cost 25 cents per pound to recycle.

Labeling & Packaging Requirements ... Required by Law

1. A "universal waste" label must be placed on each box or container. The State Recycling Program has "universal waste" adhesive labels available for state agencies to use.

2. Fill in the following information on the Universal Waste label:

Contents: Write "**Used Lamps**"

Accumulation Start Date: Write the date the 1st lamp was placed in the box.

Shipper: Write the name of the agency generating the lamps to be recycled

Address | City, State, Zip: Write the address of the building generating the lamps to be recycled

3. For large shipments, boxes must be placed on a pallet and shrink-wrapped to the pallet.
4. Individual containers of lamps must be kept closed at all times during storage.



Requirements for Agencies that Want to Deliver Lamps to the Truman Building for Recycling

1. Used lamps must be collected and stored as described in the "Labeling & Packaging Requirements" section.
2. Universal Waste labels may be obtained from the State Recycling Program by emailing a request to recycling@oa.mo.gov.
3. State agency wanting to deliver used lamps to the Truman Building for recycling must email the State Recycling Program at recycling@oa.mo.gov **BEFORE** lamps are delivered. State agency must receive permission from the State Recycling Program to deliver lamps to the Truman Building.