

Fluorescent Tubes Mandatory Retail Take Back Program

“Product Centered – Product Stewardship”

Presented By

Bill Worrell

San Luis Obispo County

Integrated Waste Management Authority

San Luis Obispo County

- **Half way between LA and San Francisco**
- **Borders Monterey, Santa Barbara & Kern Counties and the Pacific Ocean**
- **Population of 260,000**
- **Area greater than the combined area of Rhode Island and Delaware**

San Luis Obispo County Integrated Waste Management Authority

- **Joint Powers Authority formed in 1994**
- **Created to Meet Requirements of AB 939**
- **Includes 7 cities, 8 Special Districts, and County**
- **13 Board Members (elected officials)**

Household Hazardous Waste Program

- **6 Permanent HHW Facilities**
- **CESQG Program**
- **Curbside Oil Collection**
- **Award winning program – NAHMMA, CalEPA, CRRA**

Mandatory Retail Take Back Program

- Household batteries and fluorescent tubes – March 2008
- Sharps – May 2008
- Latex Paint – May 2009

“If you SELL it, you must TAKE-IT-BACK”

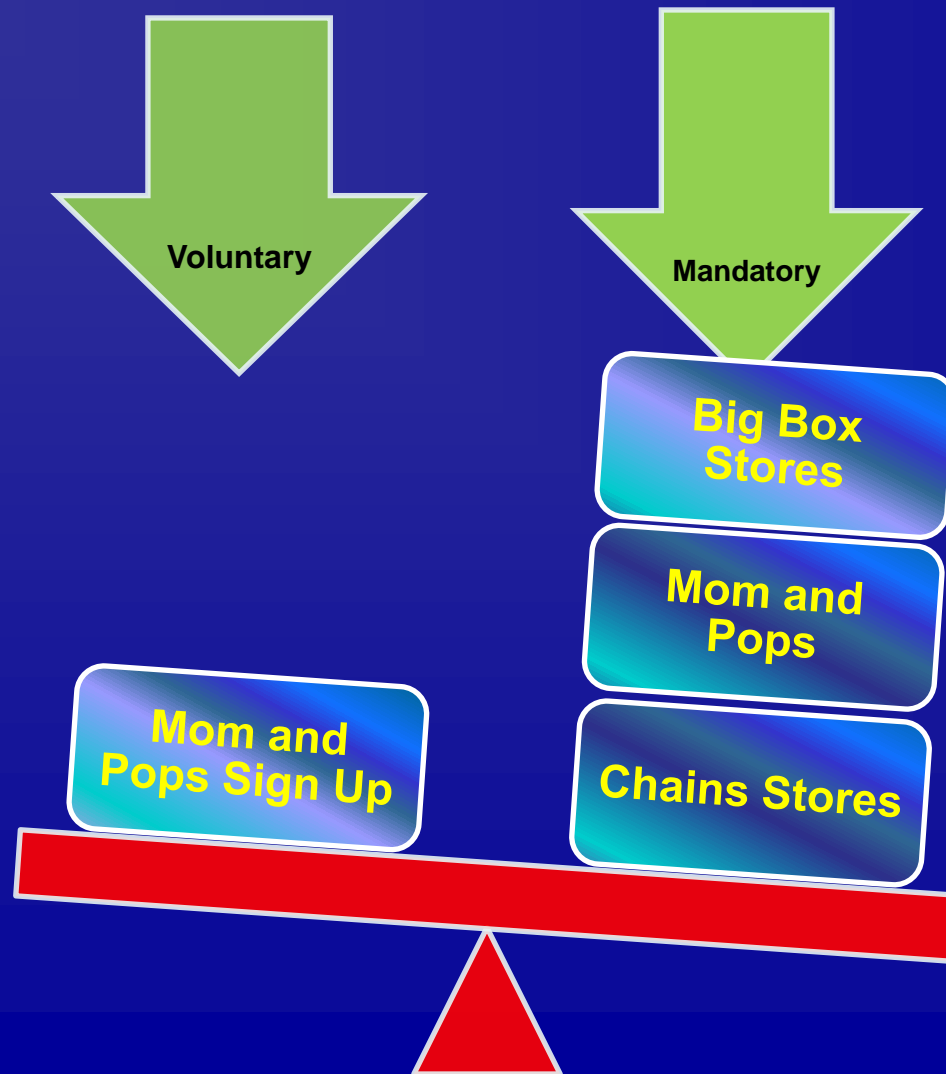
Why Fluorescent Tubes?

- **California Universal Waste Exemption for batteries and fluorescent tubes expired**

Why Mandatory Retail Take Back?

- Convenient for the public
- Reduces IWMA household hazardous waste management cost
- Can be implemented by local government

What Happens When Programs Are NOT Mandatory.....?



Key Components of a Mandatory Retail Take Back Ordinance

- **General Provisions**
- **Definitions**
- **Program Requirements**
- **Enforcement**
- **Other**

General Provisions

The purpose of this ordinance is to

- legal basis
- environmental issues
- convenient to the public
- etc.

Definitions

- **Product - fluorescent tubes**
- **Consumer**
- **Retailer**

Program Requirements

Retailer must accept for free from a consumer under the followings 3 scenarios

- If you sold the item to the consumer**
- If you are selling the item to the consumer**
- 8 fluorescent tubes per week per person**

Program Requirements

Retailer must have:

- **Appropriate signage within 5 feet of the entrance**
- **A convenient take back location within the store**
- **Appropriate receptacle for the product**

Enforcement

- **IWMA may enforce through civil action for civil penalties and injunctive relief**
- **District attorney and city attorneys may enforce criminally as misdemeanors within their jurisdictions**
- **Cities, County and Districts may enforce through existing enforcement procedures**

Enforcement

- **Misdemeanor**
- **Up to \$1,000 per day**
- **Up to 6 months in jail**

Eliminate Obstacles In Advance

- 1.) **Mandatory Ordinance**
- 2.) **WMA staff to visit and educate each business**
- 3.) **WMA provides collection equipment & signage**
- 4.) **WMA collects the items from the businesses**

Fluorescent Tube Program

- Window Sticker
- TV and print ads



RECYCLE



**YOUR FLUORESCENT
BULBS & TUBES HERE**

Fluorescent tubes

- 16 inch diameter container
- 23 inch diameter container
- Box or bucket for CFLs





RECYCLE



FLUORESCENT TUBES

When full please call EcoSolutions at (805) 481-9213 for pick-up.

In California fluorescent tubes and bulbs are classified as hazardous waste and it is illegal to place them in your trash.

Warning:

**Do not break glass
Fluorescent lamps contain mercury**

 **RECYCLE** 



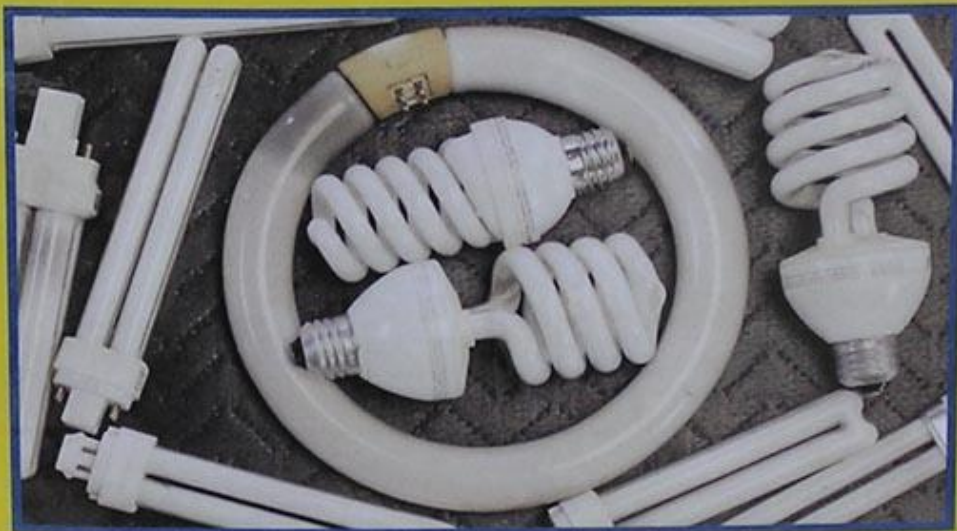
**COMPACT
FLUORESCENTS**

When full please call EcoSolutions at (805) 481-9211 for pick-up.
In California fluorescent tubes and bulbs are classified as hazardous waste and it is illegal to place them in your trash.

Warning:
Do not break glass.
Fluorescent lamps contain mercury.



RECYCLE



COMPACT FLUORESCENTS

When full please call EcoSolutions at (805) 481-9213 for pick-up.
In California fluorescent tubes and bulbs are classified as hazardous waste and it is illegal to place them in your trash.

Warning:

Do not break glass

Fluorescent lamps contain mercury

Results through 2009

- **119 Fluorescent lamp locations and 100,000 Fluorescent lamps**

For Further Information

William Worrell
(805) 782-8530
bworrell@iwma.com



*Ordinance at
iwma.com*