

# **New Jersey's Electronic Waste Recycling Program**



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# Why is E-waste a Problem?

- 2 % of the municipal solid waste stream
- Substances of potential concern:  
*lead, mercury, cadmium,  
brominated flame retardants*
- Planned obsolescence
- Exporting to impoverished countries

# E-Waste Legislation in NJ

- The “Electronic Waste Management Act” P.L. 2007, c.347 as amended by P.L. 2008 c.130  
(N.J.S.A. 13:1E-99.94 et seq.)
- signed into law January 2009

January 1, 2010

TV manufacturers must register and pay \$5000 fee

February 1, 2010:

Manufacturers must register and pay \$5000 fee

# NJ E-waste Legislation (Cont)

**June 1, 2010:**

Registered television manufacturers must submit plan to collect, transport and recycle used televisions based on the television manufacturer's market share

Registered manufacturers of other CEDs must submit plan to collect, transport and recycle covered electronic devices based on return share in weight

**January 1, 2011:**

All manufacturers must begin collection, transportation and recycling program and,

***disposal ban goes into effect***

# E-waste Regulation Proposal

- Department is currently drafting regulations to support the legislation
- Expect a proposal in January 2010
- Legislation requirements are still in effect regardless of whether rules are proposed/adopted

# What Can Be Recycled for FREE?

**“Covered Electronic Devices” sold to consumers**

- **desktop or personal computer**
- **computer monitor**
- **portable computer**
- **or television**

# Who Can Recycle for FREE?

**“Consumer”**

- a person who purchases a covered electronic device in a transaction that is a retail sale

# Am I a Manufacturer?

**“Manufacturer”** means any person

- (1) who manufactures or manufactured covered electronic devices under a brand that it owns or owned or is or was licensed to use, other than a license to manufacture covered electronic devices for delivery exclusively to or at the order of the licensor;
- (2) who sells or sold covered electronic devices manufactured by others under a brand that the seller owns or owned or is or was licensed to use, other than a license to manufacture covered electronic devices for delivery exclusively to or at the order of the licensor;
- (3) who manufactures or manufactured covered electronic devices without affixing a brand;

# Manufacturer (cont)

- (4) who manufactures or manufactured covered electronic devices to which the person affixes or affixed a brand that the person neither owns or owned nor is or was licensed to use;
- (5) for whose account covered electronic devices manufactured outside the United States are or were imported into the United States, provided however, if, at the time such covered electronic devices are or were imported into the United States, another person has registered as the manufacturer of the brand of the covered electronic devices; or
- (6) a person who assumes the obligations and responsibilities for any manufacturer pursuant to this definition

# What Do Manufacturers Need To Do?

- **Affix permanent label identifying manufacturer**
- **Report all brands under which its products are sold**
- **Pay annual registration fee**
- **Submit plan by 2010**
- **Begin collecting, transporting and recycling its share of covered electronic devices by 2011**
- **Programs shall accept all types and all brands**

## WHAT IF...

1. a registered manufacturer

*FAILS to COMPLY* with all terms and conditions of an approved plan?

- ***sales ban***

2. a registered manufacturer

is recycling *in EXCESS* of their share?

- ***credit trading***

# Am I a Retailer?

**“Retailer”**

means a person who owns or operates a business that sells new covered electronic devices in this State by any means to a consumer

# What Do Retailers Need To Do?

- **sell ONLY labeled products**
- **sell covered electronic devices by registrants (in full compliance) only**
- **public outreach**

# NJDEP Responsibilities

- Draft rules and regulations for the manufacturers' collection plans
- Determine share (return and market) of CEDs
- Review and approve plans
- Maintain list of all registrants and brands
- Establish performance requirements for collectors, transporters and authorized recyclers
- Organize and coordinate public outreach
- Maintain list of recycling locations
- Implement credit trading program
- Prepare annual report

# Export Policy

The Act states that:

*“covered electronic devices shall not be exported for disposal in a manner that poses a significant risk to the public and environmental health”*

\* The NJDEP cannot set export policy

***But!*** in our rules and regs, the NJDEP will require transparency in reporting from manufacturers and recyclers on the destination of any material

NJDEP will also incorporate elements of recycling standards found in the EPA's Responsible Recycling (R2) Practices

# What If My Equipment Still Works? (And Other Options)

Donation is always an option

Reconnect Program

[reconnectpartnership.com](http://reconnectpartnership.com)

EPA (donate and/or recycle)

[epa.gov/epawaste/conserva/materials/ecycling/donate.htm](http://epa.gov/epawaste/conserva/materials/ecycling/donate.htm)

Corporate Recycling Programs

[www.mygreenelectronics.org/RecycleCorpPrograms.aspx](http://www.mygreenelectronics.org/RecycleCorpPrograms.aspx)

# For more information

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## **Online**

[nj.gov/dep/dshw/recycling/Electronic\\_Waste/index.html](http://nj.gov/dep/dshw/recycling/Electronic_Waste/index.html)