

# E-Waste Regulations

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# Toxicants of Concern

- Lead
- Cadmium
- Chromium
- Mercury
- Fire retardants

## Items leach lead in excess of the hazardous regulatory levels

- Computer Monitors
- Televisions
- Laptop Computers
- VCRs
- Cell Phones
- Computer Mice
- Remote Controls

# State and Federal Regulations

- E-Waste would be considered to be a regulated hazardous waste under RCRA
- E-Waste from households and conditionally exempt small quantity generators (CESQGs) is exempt from regulation as a hazardous waste under RCRA
- Many items (i.e. electric lamps, batteries, pesticides, etc.) are considered to be universal wastes which contain reduced regulation for proper management
- E-Waste from households and CESQGs are regulated as solid waste in Michigan under Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

# SOLID WASTE REGULATIONS

- If NOT exempted from regulation going to a licensed Treatment, Storage, or Disposal facility licensed under Part 111, Hazardous Waste Management, or by operating under the Universal Waste Regulations the following requirements apply to the collection and processing of E-Waste:
  - All sites would require a permit and license under Part 115 of the NREPA
  - All sites would be required to operate in conformance with the county's Solid Waste Management Plan.

# E-Waste Exemption

- In September of 2002 an exemption was issued under part 115 that would exempt all locations collecting, transporting, storing, or processing E-Waste from the requirements under Part 115 of obtaining a permit or license.

# Conditions in E-Waste Exemption

- Can not speculatively accumulate
- Can not collect over 10% waste that must be disposed
- Must send notification form to DEQ if accumulate over 1,000 pounds of E-Waste
- Maintain records on quantities of E-Waste collected and shipped off-site and submit to the DEQ upon request

# What Does the Future Hold?

- The DEQ is considering the possible options for E-Waste, HHW, and Pharmaceutical wastes.
  - Issuing an exemption form Part 115
  - Including regulations in rules
  - Including regulations in statute

# Contact Information

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