Indiana’s E-Waste Requirements

Meredith Jones
Indiana E-Cycle Coordinator, IDEM
October 2, 2014
Outline

• E-waste storage & processing facility requirements
  – 329 IAC 16

• Indiana E-Cycle
  – IC 13-20.5
Indiana E-Waste Storage & Processing Facilities

• Office of Land Quality (OLQ) rules: 329 IAC 16

• A site is subject to this rule if:
  – collecting and storing more than 23 tons (46,000 pounds) of e-waste in a building or lockable trailer; and
  – collecting e-waste that is not removed from the site within 5 business days, to a registered or permitted facility.
Indiana E-Waste Storage & Processing Facilities

• Exempt from rule:
  – Brokers not taking possession of the e-waste.
  – Electronic device refurbishing or retailers of refurbished electronics.
  – Facilities that:
    • hold a valid permit under 329 IAC 3.1 (hazardous waste), 329 IAC 10 (solid waste land disposal), or 329 IAC 11 (solid waste processing); and
    • process and store the e-waste according to those permit requirements.
Indiana E-Waste Storage & Processing Facilities

• Exempt from rule (continued):
  – Any storage or processing that takes place where the e-waste is generated, including households and conditionally exempt small quantity hazardous waste generators.
  – Hazardous waste generators, other than conditionally exempt small quantity hazardous waste generators, are exempt from this article but in order to be exempt must comply with certain requirements.
Indiana E-Waste Storage & Processing Facilities Compliance

1. Submit registration paperwork and surety bond documentation to IDEM’s OLQ.
   
   – Forms available on IDEM’s website.
   
   – Surety bond (financial responsibility) must be obtained equivalent to the maximum amount of e-waste that will be stored on-site at any one time times $200.

   • 23 tons x $200 = $4,600
2. Compliance assurance visit.

   – Inspector will visit facility to:
     
     • Confirm that facility and operations match what was described in registration paperwork, including amount of e-waste at site.
     
     • Confirm compliance with storage and operational requirements:
       – Location and containers.
       – Record keeping.
       – Signage.
       – Employee training.
Indiana E-Waste Storage & Processing Facilities Compliance

3. Inspections

– Inspector will visit facility one year after registration to ensure that 329 IAC 16 is being complied with, or sooner if necessary.
4. Closure

– The owner, operator, or registrant must notify the commissioner at least 14 days before the date when the registered facility permanently ceases accepting e-waste.

– All e-waste and electronic debris must be removed from the building, land, containers, and vehicles, and disposed of according to 329 IAC 16-9-1 within 60 days of the registered facility no longer accepting e-waste.
• Indiana Code (IC) 13-20.5
• Signed into law May 13, 2009
  – Effective July 1, 2009
• Manufacturers, collectors, recyclers, retailers, households, small businesses, and public schools
• Extended producer responsibility (EPR) program
  – 60% recycling obligation based on sales
• Manufacturers
  – Annual registration and reporting requirements for manufacturers that sell video display devices (TVs, computer monitors, laptops, netbooks, notebooks, tablets, and/or e-readers with screen sizes of at least 4” to Indiana households.
  – Subject to a financial penalty (variable recycling fee) if they do not meet their recycling obligation.
Covered Electronic Devices (CEDs)

- Televisions
- Computer monitors
- Computers (including desktops, laptops, and tablets)
- E-readers
- Fax machines
- Peripherals (including keyboards, mice, external hard drives, printers, all-in-one printer/scanner/copiers, projectors, and any other devices that are sold exclusively for external use with a computer and provide input into or output from a computer)
- DVD players (including gaming systems that are able to play DVDs)
- Digital photo frames
- Digital media players
- iPods/MP3 players
- Camcorders/cameras
- DVR/TiVo devices (including cable boxes and satellite boxes, but not satellite dishes)
- Portable GPS navigation systems
• Collectors and Recyclers

  – Collect CEDs from Indiana households, small businesses, and public schools on behalf of manufacturers.

  – Demanufacture CEDs and separate into commodities for recycling into new products.

  – Must be registered with program if working on behalf of a manufacturer.
• Retailers
  – A retailer that sells new video display devices shall provide information to households that:
    • Describes where and how households may recycle video display devices and advises households of opportunities and locations for the convenient collection of video display devices for recycling.
  – IDEM’s contact information or website address.
Households, small businesses, and public schools (covered entities)
  – Source of covered electronic devices.
  – Disposal prohibition.
• Disposal prohibition:
  – After 2010, a covered entity may not knowingly do any of the following:
    • Mix or allow the mixing of a covered electronic device or any other computer, computer monitor, printer, or television with municipal waste that is intended for disposal at a landfill.
    • Mix or allow the mixing of a covered electronic device or any other computer, computer monitor, printer, or television with any waste that is intended for disposal by burning or incineration.
Contact Information

E-Waste Storage & Processing Facilities

• Glynda Oakes
  • goakes@idem.IN.gov
  • (317) 233-1052
  • www.idem.IN.gov/5897.htm

• Meredith Jones
  • mjones@idem.IN.gov
e-cycle@idem.IN.gov
  • (317) 234-7976 (direct)
    (800) 988-7901 (toll free)
  • www.idem.IN.gov/recycle/2373.htm