



Solid Waste Management in Hawaii

**Office of Solid Waste Management
Department of Health**

Solid Waste Management (HRS 342H, HRS)



- **Regulates solid waste management facilities (e.g., transfer stations, landfills, recycling, salvage facilities)**
 - **inspects**
 - **enforcement**
 - **issues permits**

What Is Construction and Demolition Waste? (HAR 11-58.1)

A photograph of a yellow front loader at a construction or demolition site. The loader is in the foreground, and there are other pieces of equipment and structures in the background under a clear sky.

- includes solid waste, largely inert waste, resulting from the demolition or razing of buildings, of roads, or other structures such as concrete, rock, brick, bituminous concrete, wood, and masonry, composition roofing and roofing paper, steel, plaster, and minor amounts of other metals, such as copper
- C&D waste does not include materials contaminated with regulated hazardous wastes



Who needs a solid waste management permit? (HAR Chapter 11-58.1)

- Anyone who receives and handles solid waste (e.g., concrete, green waste, scrap metal, non-ferrous metals like copper and brass)
- Owners/operators who want to accept and process C&D waste for eventual use as fill also need a solid waste permit
- Contact us at (808) 586-4226

Solid waste management permits (HAR Chapter 11-58.1)

A photograph of a yellow front loader at a waste management facility. The loader is in the foreground, and there are other pieces of equipment and a building in the background. The sky is clear and blue.

- **Permit-by-rule (PBR) facility**
 - handles "single-source-separated wastes"
(processes only one type of material)
- **General solid waste facility (the rest)**
- **Contact us first at (808) 586-4226**
- **Applications online**
www.hawaii.gov/health/environmental/waste/waste/sw/swpermit.html

What can currently be recycled in Hawaii?

A photograph of a yellow front loader at a recycling facility. The loader is in the foreground, and in the background, there are several large piles of materials, likely concrete or asphalt, and other pieces of heavy machinery. The sky is clear and blue.

- **Uncontaminated concrete (no asbestos, LBP or hazardous wastes)**
- **Asphalt**
- **Copper and brass**
- **Ferrous scrap**
- **Green waste**
- **Cardboard**
- **Paper**
- **Untreated wood**

General Responsibilities for GCs

A photograph of a yellow front loader at a construction site. The loader is in the foreground, and there are other pieces of construction equipment and a building in the background. The sky is clear and blue.

- **Take solid waste to DOH-permitted recycling facilities or landfills (Chapter 342H, HRS)**
 - Obtain disposal receipts from contractors (recommended)
 - Make a waste mgmt. plan, set goals
 - Work with crew, suppliers
 - Contact DOH regarding permitted facilities

General Responsibilities



- **Be aware of potential hazardous wastes or contaminants that may be in the C&D waste material**
 - **Conduct a building assessment for demo projects**
 - **To select demo wastes for disposal/recycling consult the building assessment prepared by your consultant**
 - **Separate demo wastes intended for disposal from demo wastes intended for recycling and/or reuse, PRIOR TO DEMOLITION**
 - **Is deconstruction an option?**

Lead Based Paint (LBP) Waste



- LBP waste from residences, whether DIY or if removed by a contractor, can be disposed as household waste for renovations only
- Complete landfill's waste profile prior to transport
- Landfills can provide technical assistance
- If necessary, conduct lead abatement for any select demo wastes intended for recycling (e.g., concrete pilings, walkways)
- LBP waste disposal guidance available www.hawaii.gov/health/environmental/waste/sw/pdf/lbpwaste.pdf

Concrete Waste Recycling



- Typically “permit-by-rule” if concrete only (rebar OK), no asphalt
- 30-day default period for complete permit applications
- Only uncontaminated concrete accepted
- NOTE: permitted concrete facilities usually only accept from their own jobs

Illegal Dumping



- **Unpermitted solid waste management facilities**
- **Penalties possible**
- **Anyone responsible (owners, contractors, haulers)**
- **Report:**
 - **Dept. of Health Solid Waste Program 586-4226**
 - **Kauai – 241-3323; Maui County – 984-8230; Hawaii County – 933-0401**

Helpful Websites



- Chapter 342H, HRS (Legislature)
www.capitol.hawaii.gov/hrscurrent/Vol06_Ch0321-0344/HRS0342H
- Administrative rule (Chapter 11-58.1, HAR)
www.hawaii.gov/health/environmental/waste/sw/pdf/11-581.pdf
- Illegal Dumping fact sheet
www.hawaii.gov/health/environmental/waste/sw/pdf/dumping.pdf
- DOH - Solid Waste Management
www.hawaii.gov/health/environmental/waste/sw/index.html
- Lead-By-Example
<http://hawaii.gov/dbedt/info/energy/efficiency/state/lbe/>
- EPA – Wastes, Resource Conservation, C&D Materials, 3Rs
www.epa.gov/epaoswer/non-hw/debris-new/index.html