

Common CESQG* Hazardous Waste Streams and Preferred Management

The State of Hawai`i Department of Health encourages all businesses to practice pollution prevention and resource conservation. Pollution prevention (P2) is choosing less toxic materials to begin with, reducing spills, reducing energy and water use and making your business more efficient. Please contact our P2 Coordinator or visit us on-line for assistance in reducing waste generated by your business.

Pollution Prevention Coordinator
808-586-4226

www.hawaii.gov/health/environmental/waste/p2wastemin/index.html



To protect and improve the health and environment for all people in Hawai`i.

LINDA LINGLE
Governor

DR. CHIYOME FUKINO
Director of Health

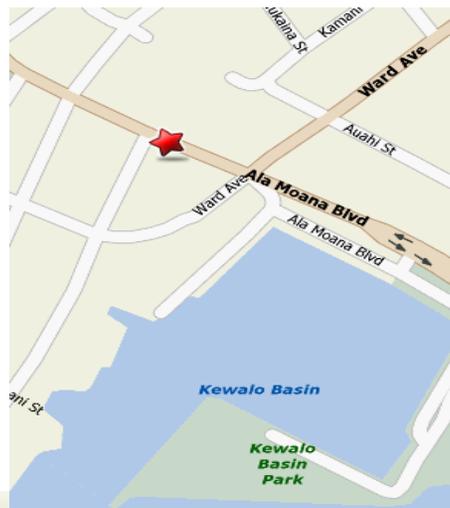
Hawai`i State Department of Health
Environmental Management Division
Solid & Hazardous Waste Branch
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Honolulu, HI 96814

Phone: (808) 586-4226

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Hours

Monday-Friday 8:00 am-4:30 pm



The State of Hawai`i Department of Health is providing this information to assist businesses and the public on the proper management of hazardous waste. Hazardous waste may include waste that is toxic, ignitable, corrosive, reactive or a listed waste (as identified by the U.S. Environmental Protection Agency). Hazardous waste determinations must be made by the generator of the waste.

HAZARDOUS WASTE	
<small>FEDERAL LAW PROHIBITS IMPROPER DISPOSAL IF FOUND, CONTACT THE NEAREST POLICE OR PUBLIC SAFETY AUTHORITY OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY.</small>	
<small>ACCUMULATION START DATE</small>	<small>E.P.A. WASTE NO.</small>
<small>D.O. #, PREFIX SHIPPING NAME</small>	<small>U.N. OR H.A. NO.</small>
<small>GENERATOR NAME</small>	
<small>ADDRESS</small>	
<small>CITY</small>	<small>STATE</small>
<small>E.P.A. ID. NO.</small>	<small>MANIFEST DOCUMENT NO.</small>
HAZARDOUS WASTE HANDLE WITH CARE	

HAZARDOUS WASTE

*A guide for small businesses
2007*

Solid & Hazardous Waste Branch
Phone: 808-586-4226

<http://www.hawaii.gov/health/environmental/waste/index.html>

*CESQG-Conditionally Exempt Small Quantity Generator, a business that generates no more than 100 kg (approx. 220 lbs or 25 gals) of hazardous waste in any month or no more than 1 kg (approx. 2 lbs or 1 quart) of acutely hazardous waste. Visit: http://www.epa.gov/epaoswer/osw/gen_trans/generate.htm

KEEP RECEIPTS for all recycling and hazardous waste disposal for at least three (3) years.

AUTOMOTIVE

Maintaining vehicles generates many types of waste, most of which can be recycled. For ways to reduce waste visit:

http://www.dtsc.ca.gov/PollutionPrevention/VSR/VSR_Fact_Sheets.cfm

Auto Batteries

Recycle at battery retail outlets or auto battery recycler.

Used Oil, brake fluid and transmission oil

Recycle through a used oil or hazardous waste hauler.

Antifreeze, coolant

Equipment is available to recycle on-site, or recycle through a hazardous waste hauler.

Solvents

Equipment is available to recycle on-site, or recycle through a hazardous waste hauler.

Chlorinated Solvents (Perchloroethylene, Trichloroethylene, Methylene chloride)

Dispose as hazardous waste through a hazardous waste hauler. Seek safer water based non-chlorinated alternatives.

Freon/Refrigerant

Equipment is available to recover and recycle on-site.

Tires

May be recycled at tire retail outlets, or recycle through a tire recycler.

Scrap metal, parts, drained used oil filters

Recycle through a scrap metal recycler.

Mercury switches (door-hood lights, ABS brakes)

Recycle through a mercury recycler.

AUTO SHOP SAFETY VIDEO

Please view the auto shop pollution prevention and safety video courtesy of Boston Public Health Commission:

http://www.bphc.org/bphc/oeh_safeshop.asp?

PAINTING

Reduce paint waste using accurate estimation; same day or next day ordering; new technology spray gun equipment...more ideas at DOH P2 web:

www.hawaii.gov/health/environmental/waste/p2wastemin/index.html

Oil based Paint

Illegal to air dry. Recycle through a hazardous waste hauler.

Solvents, Paint Thinner

Equipment is available to recycle on-site, or recycle through a hazardous waste hauler.

Solvent Strippers

Dispose as hazardous waste.

Water based paints; water based strippers

Determine if hazardous. If non-hazardous, donate to charity, use up as primer, air dry or use absorbent and dispose to trash.

Lead paint, paint with high levels of cadmium, chromium, zinc

Dispose as hazardous waste.

PESTICIDES

Never underestimate the toxicity of pesticides and use pesticides only as a LAST resort. First, remove pest attractants; keep areas clean; store items off the floor for easy access and cleaning. Keep landscaping away from building walls. Caulk and seal cracks. Inspect for pests regularly. Use non-chemical controls. Always use a licensed pest control applicator. Visit and sign up to view fact sheets at: <http://sppcweb.org/resources/index.php#> courtesy of the Safer Pest Control Project of Illinois.

Pesticides

Follow all label directions. Never mix pesticides. Dispose as hazardous waste.

Empty pesticide containers

Rinse out empty container 3 times (triple rinse required) using the rinse water as a final pesticide application, then dispose of container to trash.

DENTAL & MEDICAL

Healthcare businesses have numerous opportunities to practice pollution prevention by using safer alternatives and reducing waste. Visit the DOH P2 website (see Painting section).

Amalgam-mercury

Capture and recycle through a mercury recycler.

Photo X-ray Processing fixer

Recover and recycle silver. Never mix fixer w/developer.

X-ray lead aprons and foils

Recycle as scrap metal.

Chemical sterilants - Dispose as hazardous waste.

Pharmaceuticals

Medications can pass through wastewater treatment systems. Consider disposing all as hazardous waste.

ELECTRONIC WASTE: MERCURY AND LEAD

Mercury and lead are toxic metals that can cause neurological and developmental problems especially in children and they remain in the environment, they never go away. Unfortunately, many of our every day items contain these and other toxic metals and must be recycled appropriately.

Fluorescent lights

Fluorescent lights are important for saving energy but they also contain some mercury. Do not break lamps as this will release mercury. Use the new bulb package to store the spent lamp and recycle through a mercury recycler.

Mercury containing equipment such as thermometers, thermostats; gauges: Recycle through a mercury recycler or hazardous waste hauler.

Cathode Ray Tubes: TV's and Computer screens

Donate if usable. Recycle through a universal waste recycler or hazardous waste hauler.

LOCATE SERVICE PROVIDERS through local or national business associations, internet, yellow pages or visit:
www.hawaii.gov/health/environmental/waste/sw/waste/p2wastemin/index.html **for a list of haulers and recyclers**