

Environmental Impact Statement

Ocean View Recycling Point and Convenience Center

**Ka‘u District, Hawai‘i Island, State of Hawai‘i
TMK (3rd): 9-2-150:060**

County of Hawai‘i Department of Environmental Management

Appendix 6

**DEM and DOH Notices Related to
Hazardous Materials and
Operation of Convenience Centers**



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

SOLID WASTE DIVISION

COUNTY OF HAWAII – 108 RAILROAD AVENUE – HILO, HI 96720
HILO (808) 961-8339 WAIMEA (808) 887-3018 KONA (808) 327-3507

WHAT IS IN YOUR LOAD?

In accordance with applicable Local, State, and Federal laws and regulations, the South Hilo Sanitary Landfill cannot accept hazardous materials.

YOU MAY NOT DUMP:

1. Paint thinner, solvent, or oil based paint wastes;
2. Waste oils and fuels, transmission/brake fluids, grease, antifreeze, batteries, or whole tires;
3. Household cleaner, polish, or wax;
4. Pesticide, snail bait, rat poison, insecticide, fungicide, or herbicides;
5. Contaminated soil;
6. Asbestos – containing floor tile, pipe/duct insulation, ceiling tile, flooring material or any other material containing asbestos;
7. Medical waste;
8. Liquids or sludge in containers larger than 1 gallon;
9. Propane, oxygen and acetylene tanks.

IMPORTANT!

YOU MAY BE ASKED TO OPEN AND EMPTY OUT YOUR PLASTIC BAGS OR CLOSED CONTAINERS FOR INSPECTION AT THE DUMPING AREA

ADDITIONALLY;

1. The landfill will not accept liquid cooking oil or grease unless it is pre-mixed with a bulking agent so that it is solidified.
2. Dead animal carcasses or parts and fish renderings will only be accepted between the hours of 9 AM to 12 PM daily, or by appointment. No deliveries after 1:00 P.M.
3. Treated medical waste will only be accepted between the hours of 9 AM to 12 PM daily, or by appointment. No deliveries after 1:00 P.M. Treatment documentation required prior to disposal.
4. All stumps, posts, poles, pipes, re-bar, lumber, cable, wire and other construction or demolition debris must be cut to a maximum 4' length. Anything larger will not be accepted.
5. Scrap metal and appliances are accepted at the Kealakehe & Hilo Transfer Station Salvage Facilities.

Thank you for your cooperation.

The law requires you to dispose solid waste only at recycling or disposal facilities permitted by the Department of Health.

“Solid waste” includes municipal refuse, construction and demolition waste, household waste, tires, car batteries, derelict vehicles, green wastes, furniture, and appliances.

Illegal dumping of solid waste or allowing illegal disposal of solid waste on your property even if contractual or other arrangements are made could subject you to fines from \$10,000 to \$25,000 per occurrence and could lead to felony prosecution in accordance with Chapter 342H, HRS.

Contact the Department of Health, Solid Waste Section at 586-4226 to report illegal dumping activities or if you have further questions.

**State of Hawai'i
Department of Health
Solid Waste Section
September 2006**

NOTICE

TO ALL PROPERTY OWNERS/MANAGERS, CONTRACTORS, WASTE HAULERS, DEVELOPERS AND INTERESTED PARTIES:

**PLEASE BE AWARE OF CURRENT STATE LAW REGARDING
ILLEGAL DUMPING IN HAWAII**

**YOU ARE RESPONSIBLE FOR THE PROPER REMOVAL OF
RESIDENTIAL, COMMERCIAL AND INDUSTRIAL SOLID WASTE TO
PERMITTED DISPOSAL OR RECYCLING FACILITIES (§342H, HRS)**

**FINES MAY BE LEVIED ON THE GENERATOR OF THE WASTE, EVEN
IF THEY HIRED SOMEONE ELSE TO DISPOSE THE WASTE**

- Everyone is responsible for properly removing solid wastes to facilities permitted by the Department of Health.
- Anyone including property owners, lessees, contractors and waste haulers may be subject to administrative, civil or criminal penalties and held responsible for property cleanup.
- Illegal dumpers may be subject to enforcement action and administrative and civil penalties of up to \$10,000/day for each offense (§342H-9, HRS).
- Those who knowingly dispose of solid waste equal to or greater than one cubic yard and less than ten cubic yards are subject to criminal penalties of up to \$25,000/day for each offense (§342H-39, HRS).
- It is a class C felony offense to knowingly dispose of solid waste equal to or greater than ten cubic yards anywhere other than a permitted solid waste management system without the written approval of the Director of the Department of Health (§342H-37, HRS).
- Each day of violation is a separate offense.

YOU ARE ALSO RESPONSIBLE FOR BEING AWARE OF POTENTIAL HAZARDOUS WASTES OR CONTAMINANTS THAT MAY BE WITHIN THE COMMERCIAL AND INDUSTRIAL WASTE MATERIALS

Your facility may be subject to State of Hawaii hazardous waste requirements if you generate more than 220 lbs. or 100 kg of hazardous wastes (§11-261-5, HAR) monthly. Persons or entities who generate less than 220 lbs. or 100 kilograms per month are considered as conditionally exempt small quantity generators. Requirements include:

- Make a waste determination
- Determine your generator category
- Get an EPA ID Number
- Store and manage properly
- Recycle or dispose properly
- Recordkeeping

Typical hazardous wastes from *commercial* construction and demolition jobs include:

- Oil based paint, stains, varnishes
- Acids & bases (e.g., muriatic acid, etc.)
- Ignitable waste (gasoline & diesel)
- Used batteries
- Waste vehicle lubricants (used motor oil, etc.)
- Latex paint with mercury
- Thinners and painting solvents
- Spent sand blast material from paint removal operations
- Weatherproofing/insulation solvents
- Finishing and flooring adhesives and sealants
- Mechanical/electrical waste solder and fluxes
- Absorbent material used to cleanup spills
- Contaminated rags
- Waste mercury or acrylic mercury paint
- Non-empty aerosol cans
- Fluorescent light bulbs
- Contaminated paint chips
- Lead-based paint wood debris

FOR TECHNICAL ASSISTANCE REGARDING HAZARDOUS WASTE REQUIREMENTS, PLEASE CONTACT THE SOLID AND HAZARDOUS WASTE BRANCH AT (808) 586-4226

WHAT ARE OPEN DUMPS?

Open dumps or “illegal dumps” are disposal sites that operate in nonconformance with any applicable standards, relevant permit conditions, rules, or statutes set by the State of Hawaii.

Illegal dumps are pollution sources created when uncaring people avoid the law and avoid:

- **tip fees**, because it costs money for people to throw away wastes; and
- **the time and attention** needed to dispose of waste properly.

Illegal dumpers may claim to operate a transfer station or recycling business, only to abandon the property once it is full of waste. In many cases, illegal dumpers are also breaking other laws related to vehicle licensing, insurance, drug possession, or theft (EPA, 1998).

OPEN DUMPS ENDANGER HUMAN HEALTH AND POLLUTE THE ENVIRONMENT

Illegal dumps could contain hazardous wastes and other contamination. Whether or not the wastes are buried, illegal dumps can pollute our land, air, and drinking water sources. Illegally disposed wastes:

- are often combustible and pose fire hazards;
- generate toxic fumes if the waste is burned;
- may contain and conceal hazardous and toxic substances (used oil, needles);
- may form leachate in areas with heavy rain that pollutes groundwater and soil;
- if buried, may decompose in time, leading to ground settlement and “cave-ins”;
- may form explosive gases like methane due to waste decomposition;
- attract rodents (rats, flies, mosquitoes) which may carry infectious disease; and
- attract more illegal dumping and criminal activity to the community

WHAT YOU CAN DO

A joint effort by government, landowners, the construction industry, waste haulers and concerned citizen’s groups is needed to address and prevent illegal dumping.

Property Owners:

Please maintain and control unwanted entry into your property to the best extent possible, using:

- “No Dumping” signs placed in high-incidence areas
- Lighting
- Barriers like fences, posts, berms, rocks, concrete barriers
- Landscaping and beautification projects

Contractors:

- Evaluate proposals with low bids carefully. Look for a line-item estimate on “waste disposal” and compare that with the volume of waste that the bidder expects to remove.
- Make haulers responsible to deliver the wastes they generate at the project to permitted solid waste disposal or recycling facilities. Require them to submit

receipts to prove that wastes were properly delivered.

- When in doubt, contact us at (808) 586-4226 to find out which recycling facility or landfill is currently permitted to accept wastes.

Everyone:

Report any suspected illegal dumping activity by filing a complaint with:

- Dept. of Attorney General, Investigations Office: 586-1240;
- Dept. of Health Solid and Hazardous Waste Branch: 586-4226;
- 9-1-1;
- Environmental Concern Line: 692-5656 (Oahu only); or
- Neighbor Island District Health Offices: 933-0401 (Hilo), 322-1507 (Kona), 241-3323 (Kauai) or 584-8234 (Maui)

Please provide us with specific information:

- Date(s);
- Time(s);
- Names on trucks;
- License plate numbers;
- Location of dumping activity;
- Type of material(s) disposed;
- Estimated quantity of waste;
- Photos; and
- Other marks of identification

Reference: United States. Environmental Protection Agency. Region 5. Illegal Dumping Prevention Guidebook. Chicago: EPA, 1998.



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SOLID WASTE DIVISION

COUNTY OF HAWAII – 108 RAILROAD AVENUE – HILO, HI 96720
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MEMORANDUM

Date: January 8, 2004
To: Freeman Guards
From: Lono Tyson, Solid Waste Division Chief
Subject: Special Duties by Security Guards at County Transfer Stations

Basic Duties and Responsibilities:

- Security patrol shall consist of one security guard at each facility (9 total).
- Open the gates at 6:30am at all locations unless instructed otherwise.
- Security patrol shall be responsible for keeping all areas of the transfer station used or traveled by the public clear of debris, litter or any objects that could compromise public safety. This includes area around the chutes and around recycling collection bins located at transfer stations.
- Security patrol shall remove trash left at the gate during the night and set to a side location for Transfer Station Attendants to discard down the chutes.
- Close the gates at 6:30 PM at all locations with gates (except Hilo) unless instructed otherwise.
- Assist the County personnel in ^{clearing} evicting the public from the solid waste facility at closure time and securing all gates at the end of the day.
- When present during emergencies, security patrol shall open and close gates to fire, police, and other authorized vehicles permitted by the Director of Department of Environmental Management.
- Direct the public to either the landfill or transfer stations depending on load contents and whether the load is generated from households (residential solid waste) or business (commercial solid waste).
- Provide traffic control, as necessary, when traffic congestion occurs.
- Provide instructional services to the public, which may include the circulation of fliers provided by the County and its Subcontractors, to users of transfer stations and /or recycling facilities.
- Security patrol shall provide the public with information about the County's solid waste services per information provided by the Department of Environmental Management.
- Conduct vehicle count surveys on forms provided by the County when directed.
- Inform the public of the rules and regulations of any landfill, transfer station and recycling facilities.
- Keep the public out of locked or otherwise secured areas at gated County transfer stations.
- Issue verbal warnings for violations of littering, scavenging or other violation of Federal, State or County statute regarding landfill/transfer station operations and record incidents in the Transfer Station Daily Log. For matters that require immediate attention by Solid Waste Division, the daily log shall be transmitted by fax within 24 hours of incident.
- Record all abandoned materials that require special handling such as, but not limited to, vehicles, batteries, used motor oil, automotive fluids, refrigerators, and tires in the Solid Waste Daily Log. Record date and time of discovery, description and quantity of materials. Also, report abandoned materials to Transfer Station attendant.

- Security patrol is not to engage in confrontational situations with the public.
- For serious violations or incidents that require immediate notification to the County's Solid Waste Division, complete a witness affidavit form as provided by the County. The affidavit requires recording the necessary information (date, time, identify of vehicles/persons involved, contact information, description of violation/incident) and taking photographs to assist the Police in the prosecution of violators. The affidavit form shall be faxed to the Solid Waste Division within 24 hours of incident.
- For serious incidents that may compromise public safety, report to the Police Department, with the exception of fires which shall be reported to the Fire Department. The Solid Waste Division shall be notified immediately by phone of all such incidents and a written notification faxed to the division.
- Record all suspected violations and unusual incidents in the Transfer Station Daily Log. The daily logs for all transfer stations shall be faxed to the division at least twice a week and copies submitted with invoices.
- Transfer stations are for disposal of residential trash only. Security patrol shall inform suspected commercial haulers and vehicles hauling refuse generated from commercial activities of this requirement. When a violation is suspected, the guard shall record the date, time, license plate, vehicle type and description of load in the Solid Waste Daily Log and note 'suspected commercial use'. Photographs of the activity should be obtained when possible.

Necessary Equipment and Material:

- Reporting Forms (Solid Waste Daily Log, Witness Affidavit)
- Camera and communications equipment
- Training manual and reference materials
- Hand tools necessary to keep sites clean
- Safety vests for directing traffic
- Appropriate foot wear and gloves for handling refuse

Prohibited at Transfer Stations

- Batteries
- Motor oil
- Vehicles
- Oil-based paints
- Automotive fluids and vehicle parts containing oil
- Tires
- Refrigerators
- Propane tanks
- Hazardous materials including asbestos, pesticides, corrosives, and miscellaneous household products
- Bulky items – large items such as mattresses should be taken directly to a landfill.
- No savaging
- No side dumping of green waste or scrap metal – direct to allowed sites at Hilo, Kea`au and Kailua transfer stations.



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INFORMATION SHEET*

HOURS OF OPERATIONS: All facilities open 7 days/week including all holidays (except as noted).

1. South Hilo Sanitary Landfill: 6:30 a.m. – 4:15 p.m.
2. West Hawai'i Sanitary Landfill: 7:00 a.m. – 4:15 p.m. – closed on New Year's Day, Easter, Memorial Day, July 4th, Labor Day, Iron Man Triathlon (1/2 Day), Thanksgiving, and Christmas.
3. All Transfer Stations : 24 hrs./day except below as posted and gated

Hilo Transfer Station – 6:30 a.m. to 5:00 p.m.

Waimea Transfer Station – 6:30 a.m. to 6:30 p.m.

Puako Transfer Station – 6:30 a.m. to 6:30 p.m.

Papaikou Transfer Station – 6:30 a.m. to 6:30 p.m.

Kealakehe/Kailua Transfer Station – 6:30 a.m. to 6:30 p.m.

Keauhou Transfer Station – 6:30 a.m. to 6:30 p.m.

Honokaa Transfer Station – 6:30 a.m. to 6:30 p.m.

Kea'au Transfer Station – 6:30 a.m. to 6:30 p.m.

RULES FOR TRANSFER STATIONS:

A. GENERAL RULES:

1. All materials shall be deposited directly into the container. Waste disposed of outside of the containers constitutes littering/illegal dumping.
2. Burning of refuse is not permitted.
3. Scavenging is not permitted.

B. PERMITTED MATERIALS:

1. Household refuse and shrubbery not exceeding 4 feet in length.

C. PROHIBITED MATERIALS:

1. No hazardous or radioactive wastes.

All Environmental, Inc. 453-0800 (Oahu)

EnviroServices & Training Center 533-7222 (Oahu)

Environmental Services 329-2414 (Kona)

Ohana Environmental (Oahu) 836-6955

Unitek (Oahu) 836-0555/834-1444

Muranaka Environ. (Oahu) 848-8866 (Lab Testing)

NCNS Environmental, Inc. (Medical Waste) 1-800-870-3464

Unitek Solvent Serv. 935-8180 (Used Motor Oil)

HI Petroleum 961-2661 (Used Motor Oil/Cooking Oil)

Mauna Loa Mac Nut 966-9301 (Cooking Oil) Larry Martin

Orchid Isle Refuse 959-0475 (Cooking Oil)

Environmental Recycling (Mike) 935-9328

2. No abandoned vehicles. Must be taken to the County facilities located adjacent to the Kealakehe/Kailua and Hilo transfer stations.
Tire Shredder (NO WHOLE TIRES ALLOWED IN LANDFILLS)

Tires – Firestone Tire Service(Kona) 329-2488; Leo's Rubbish Service (Hilo) 935-5850; Unitek Solvent Services (Hilo) 935-8180

Car Batteries – Daleco (Kona) 3294605; Interstate Batteries (Hilo) 934-7256; Max's Auto Parts, Inc. (Kona) 775-7248

Car Batteries – Napa Auto Parts (Waimea) 885-6000; Pahoia Battery and Propane 965-9499

3. No wastes from manufacturing, industrial or agricultural processes.

4. No materials from either construction or demolition work.

5. No asbestos waste. Asbestos waste accepted at West Hawai'i Sanitary Landfill only (contact Waste Management of Hawai'i @ 886-0940)

6. No dead animals, animal parts or other similar organic wastes.

7. Bulky items, such as mattresses should be disposed at either the South Hilo or West Hawai'i Sanitary Landfills; refrigerators and stoves should be recycled at either the Kealakehe/Kailua or Hilo scrap metal sites and not disposed into our transfer station refuse containers.

D. PENALTIES: - Violators may be subject to fines up to \$500 and a minimum of 20 hours of public service.

E. NO COMMERCIAL REFUSE OR COMMERCIAL HAULERS ARE ALLOWED.

LANDFILL DISPOSAL PERMITS:

1. Required for disposal of waste at both the South Hilo Sanitary Landfill in East Hawaii and at the West Hawai'i Sanitary Landfill in Pu'uana'hulu.
2. Landfill Disposal Permit Applications available at Solid Waste Division office in Hilo.
3. Allow minimum 5 working days to process all Landfill Disposal Permit Applications.

*In accordance with applicable Federal, State and Local laws and regulations. Local laws and regulations include, but not limited to: Hawai'i County Code, Chapter 20, Refuse and "County of Hawai'i - Department of Public Works – Solid Waste Division – Administrative Rules for Solid Waste Refuse Control and Disposal Fees".

COUNTY OF HAWAII
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
SOLID WASTE DIVISION SAFETY MANUAL
DRAFT
SECTION 14
HAZARDOUS MATERIALS POLICY

Purpose

To provide instructions and define responsibilities for responding to hazardous or unknown (potentially hazardous) materials that are discarded, abandoned, or accumulated at County solid waste landfill or transfer station sites.

This procedure establishes methods devoted to proper employee response, ensuring both employee and public safety and environmental protection.

Responsibility

Employee: Any time an employee of the Solid Waste Division observes a known or unknown material that he/she deems to be hazardous to either employee, public, or environmental safety, the employee is to immediately notify his/her immediate supervisor. In the absence of the employee's immediate supervisor, the employee is to notify the Solid Waste Division Superintendent. If possible, without jeopardizing personal safety, the employee is to barricade or isolate the material from contact by other employees or the public. (Use of caution tape, and/or tarps may be appropriate).

Supervisor: The Solid Waste Division supervisor's are responsible for responding immediately to employee reports of hazardous material, and notifying the Solid Waste Division Superintendent.

Superintendent: The Solid Waste Division Superintendent, after inspection, and in consultation with the Division Chief of Solid Waste, will notify Fire Department Hazmat team to determine identity of material, and either conduct cleanup, or direct outsourcing of cleanup/removal by appropriate contractor.

In the event that an imminent threat to employee, public or environmental safety necessitates the closure of a site, the Solid Waste Division Chief (or his designee) will notify the Director and/or Deputy Director of the Department of Environmental Management.

Current Phone Tree attached