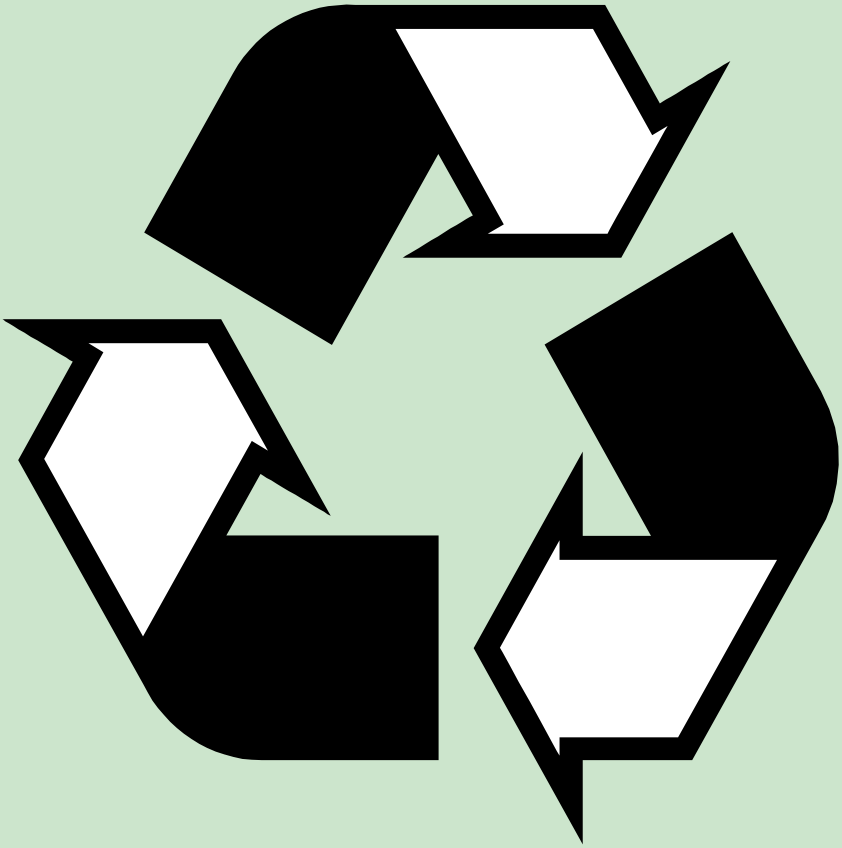
Minimizing Construction & Demolition Waste



February 2014

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Solid Waste Management in Hawaii

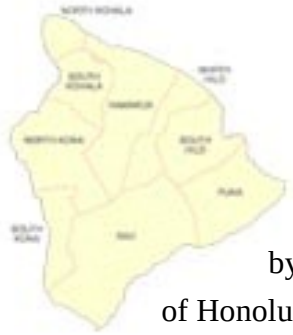
Historically, Hawaii's primary way to manage solid waste has been disposal in landfills. With shortages of landfill sites and stricter federal government regulations (40 CFR 258 "Subtitle D") requiring a significant upgrade of waste disposal facilities, the State Legislature directed the Department of Health to evaluate solid waste management practices in Hawaii and develop a statewide plan. The result of the study was the 1991 Integrated

Solid Waste Management (ISWM) Plan.

The Plan is a comprehensive document focusing on reducing the generation of waste by moving away from conventional methods of waste disposal in landfills and incinerators. The three main waste reduction methods advocated in the Plan are source reduction, recycling and composting. The Plan called for statewide waste reduction goals of 25% by 1995, and 50% by year 2000. It was a guidance document which evaluated existing solid waste practices in the state and developed ways to move Hawaii toward sustainable waste management as a first priority and disposal as a final resort. It concluded that Hawaii had a need to plan for incineration with energy recovery and landfilling, but that those efforts should not jeopardize current and future source reduction, recycling, and composting efforts.

Concurrent with the Plan, the legislature passed Act 324-91 which requires that the counties develop their own detailed ISWM Plans to insure the diversion of solid waste from landfills and incinerators. The State did achieve a waste diversion rate of 35.1% in FY2011. We needed a significant increase in recycling to meet the Environmental Protection Agency (EPA) goal of 35% goal by 2005. The EPA had a goal of 50% by the year 2000, but revised it to 35% by the year 2005, finding that states need a more realistic time frame to reach higher total waste reduction.

Construction & Demolition (C&D) material is targeted for landfill diversion by the City & County of Honolulu and the Neighbor Island counties because of the significant amount generated. Various county studies showed in 1995, over 30% of the waste generated (or 600,000 tons/year) was estimated to be C&D material.



Construction And Demolition Waste Management

Across the country, the volume of C&D waste is growing as older buildings are being demolished to make way for new ones. Over the last few years on Oahu, we've seen many major downtown and military structures torn down and replaced as we continue to increase urban densities. The majority of this material ends up in Oahu's landfills, but a significant amount is disposed of in a growing number of illegal dumps.

In Hawaii today, there is one privately owned C&D landfill at Nanakuli on the island of Oahu, and another on the island of Maui. The other major islands do not have C&D landfills. On these islands, C&D waste is being disposed at municipal solid waste (MSW) landfills. MSW landfills, in contrast to C&D landfills, are more costly to construct and operate because they must comply with stringent federal regulations. Therefore, C&D waste that is disposed in MSW landfills consumes valuable disposal space.

As a result of the Integrated Solid Waste Management Plan, progress was made in implementing improved solid waste disposal methods which protect the environment. These improvements were necessary to comply with federal regulations imposed on the disposal facilities. If we are to become a sustainable society, Hawaii must work to divert waste from disposal. Let's examine some of the reasons for reducing our generation of C&D waste, and recycling what we generate.

Extending The Life Of Our Landfills

Landfill space in Hawaii is rapidly decreasing. As an island state, we have limited available land and no one wants a dump in their neighborhood. As previously mentioned, the State of Hawaii enacted legislation requiring that the counties develop policies aimed at reducing waste sent to landfills. To reach our goals, it is essential that the C&D waste stream is managed through source reduction, reuse, and recycling efforts. Fortunately, there can be considerable cost savings for construction and demolition contractors who reduce or recycle those materials. These savings can increase as landfill capacity diminishes and disposal costs increase in coming years.

Unfortunately, as landfill costs increase, incidences of illegal dumping also rise. Illegal dumping sites with no health or environmental controls in place pose significant threats to public health and the environment. Establishing viable recycling options can help reduce the occurrence of illegal dumps.

Conserving Our Natural Resources

Construction, demolition and land clearing materials can be recycled into a number of useful products. Concrete and asphalt wastes can be crushed for use as aggregate base in road construction; metal can be sold as scrap to processors for recycling. Untreated wood and green wastes can be used as mulch or processed into compost; new drywall scrap can used to amend organic compost; and corrugated cardboard can be recycled into new cardboard packaging. All of these recycling efforts help to conserve natural resources, one of the primary goals of resource recovery.

Reducing Waste Hauling And Disposal Costs

If your construction, demolition, and land clearing materials are currently being sent to a landfill, your disposal costs may be unnecessarily high. The tip fees at C&D landfills are considerably less than those of the MSW landfills.

Transport costs are also another concern among contractors. Transport waste materials to recycling processors permitted by the Department of Health, Solid Waste Section (586-4226). The listings in this guide show many recycling options for C&D wastes. Many are located much closer to populated areas than the MSW and C&D landfills. Depending on the size of your project, your company may be able to save money through reduced hauling and avoided disposal costs. In addition, many contractors already receive revenues from the sale of pre-sorted materials such as scrap metal and cardboard. Contractors can arrange to have bins provided and have source separated C&D materials hauled from construction sites. There are also processing firms with on-site crushers for recycling and reuse of concrete and asphalt. This eliminates hauling and disposal fees, and the contractor can avoid purchasing structural fill or aggregate. Some waste haulers may offer special services, at reduced fees, for clean, partially separated construction materials.

This guide shows how to reduce the volume of C&D debris going into landfills. It also provides information on the reduction, reuse and recycling of construction and demolition materials at the source.

What Is Construction And Demolition Waste?

CONSTRUCTION AND DEMOLITION (C&D) waste is defined as solid, largely inert waste resulting from the construction, repair, demolition, or razing of buildings, roads and other structures. The term also includes debris from the clearing of land for construction.

This waste stream includes, but is not limited to: concrete, brick, asphalt, gypsum, wood waste, roofing and roofing paper, glass, ferrous and nonferrous metals, soil, trees, and shrubs.

REDUCE, REUSE, RECYCLE

Diverting waste from our disposal facilities involves finding ways to reduce, reuse and recycle. There are many advantages and benefits to waste reduction. We protect our environment and economic resources. We use less raw materials and thereby less energy to extract or harvest them from our natural environment. We reduce the need for expensive and environmentally damaging disposal options and we create a market for waste materials to be used for recycling. The following discussion will provide an overview of some alternatives to disposal for C&D waste.

Waste Reduction

For a successful C&D waste reduction program, we need to educate the public, businesses, developers, contractors, and architects to use less and still achieve success. When designers and builders understand the negative impact that waste has on the environment, and the positive impact they can make in their efforts to reduce waste, they can be more proactive.

Architects must think ecologically about design and should design to use less. There are a number of ways architects may consider when specifying a product in the design of a project:

- Does the design or construction process reduce waste?
- Do the products specified include recycled content?
- Does the project use locally available and often overlooked resources?
- Are the products or materials specified easily recyclable?
- Can the products or materials specified be easily reused or salvaged?

For additional information, contact the Office of Solid Waste Management at (808) 586-4226.

The Re-use Concept: Materials Exchanges

Some materials can be separated and reused in their existing form at the site, or later by other businesses and organizations. High value items such as doors, windows, fixtures and equipment may be accepted by local non-profit organization for self-help projects. In addition some contractors have found outlets for scrap plywood and drywall. For example, the Aloha Shares Network (866) 542-2232 (toll free) can list your unwanted items on its computerized data base. Also, some non-profit organizations and businesses take used paint for community beautification. By participating in a materials exchange, a company can improve its bottom line by reduced hauling and disposal fees, receive a tax deduction and help the community. Using a materials exchange requires advance planning. While many local organizations may be able to reuse your unwanted materials, the timing of your project and collection or drop off requirements must be addressed in advance. See the reusable building materials section at the end of this guide.

Waste Recycling

How about recycling? Take scrap lumber, which due to its size or condition cannot be reused, cut, press and glue it together into press board - you are recycling it. The wood fiber has gone through a remanufacturing process. Recycling requires energy and may have environmental implications when materials go through remanufacture. Therefore, reuse is generally preferred over recycling.

But recycling can provide significant benefits over making the product from virgin material. Today's waste entrepreneurs use heavy-duty, industrial materials. Current efforts in C&D waste reuse and recycling by Hawaii businesses include:

- Excavated Dirt: used for fill or topsoil.
- Excavated Rock: used for decorative walls or road base material.
- Non-Lead Based Painted Concrete: crushed and used for road base, backfill or sub-base for building construction.
- Asphalt concrete: crushed for use as aggregate, road base, or new asphalt concrete.
- Untreated Wood Waste: reused as pallets, or ground into mulch or biofuel.
- Green Waste: ground for use as mulch or for compost.
- Steel: processed for shipment to steel mills out of state.
- Cardboard: baled for shipment to paper mills out of state.

Managing C&D Waste: A Checklist

Conduct an Informal Waste Audit

Determine the amounts, types, and time-frame for construction and demolition materials generated by your projects. Calculate any possible cost savings from reducing a portion of this waste, in terms of hauling and disposal cost avoidance.

Reduce

Look at strategies to reduce construction and demolition waste volumes. Proper materials management practices may result in cost savings. Assure that precise estimates are made prior to purchase of materials, and that accurate measurements are made prior to cutting materials so that excess scrap and end cuts can be avoided.

Consider having materials pre-cut at lumber yards, using engineered wood products, steel framing, or other pre-manufactured components. Work with suppliers and subcontractors to minimize excess packaging and other non-essential material from being brought on site.

Reuse

Consider the potential for others to use the materials you normally discard. Consider planning ahead and calling Aloha Shares Network, Habitat for Humanity or other non-profit organizations to list such materials and/or arrange donations. This can provide your company with additional tax deductions. Conduct site pre-assessments for demolition projects to evaluate what materials can be salvaged for reuse, such as cabinets, architectural woodwork, light fixtures, and appliances.

Recycle

Investigate the companies listed in this guide that can recycle some of your construction and demolition waste from either source-separated or mixed loads. Compare the costs of recycling with the costs of disposal. Contact haulers. They may help you set up an effective separation program. Work with your subcontractors to keep recyclable scrap from being mixed with trash during clean-up.

Educate Employees, Contractors, and Subcontractors

Whatever waste reduction strategies you choose, it is crucial to educate and motivate employees and subcontractors for maximum participation. Emphasize that source reduction, reuse, and recycling is everybody's business.

Beginning a Construction and Demolition Recycling Program

The first step is to find out the quantities and the composition of your waste; the time frame in which waste materials will be generated; and the amount of space available for separation of materials at the site.

Then with this information, you can begin to determine what wastes will be generated and if quantities will be significant enough to warrant source separation. Depending on the availability of storage and hauling, decisions can be made as to what materials to separate from the mixed wastes.

Of course, the more materials which are eliminated from the mixed wastes, the less material that must be hauled for disposal and the more money you can save.

C & D Waste Management Facilities

Reusable Building Materials/Furniture, Fixtures and Equipment 9
Oahu 10
Aggregate 10
Ferrous Metals - Steel 11
Non-ferrous Metals - Aluminum, Brass, Copper, and Stainless Steel 11
Wood and Greenwaste 12
Cardboard 12
Pallets 13
Appliances 13
C & D Transfer Station 13
C & D Landfill 14
Kauai (All) 14
Maui (All) 15
Hawaii (All) 16

Reusable Building Materials - Furniture, Fixtures and Equipment

Aloha Shares Network P.O. Box 880852 Pukalani, HI 96788 (mailing address) www.alohashares.org	268-4380 (Maui)	***Services:*** An online materials exchange of new, used and recyclable building materials (Maui only). List and request your materials online.
Angel Network Charities 5339 Kalanianaole Highway Honolulu, HI 96821	377-1841 377-9790 (fax)	***Services:*** Accepts donations of appliances, furniture and household items which they donate to homeless families or for resale to the public
Nanakuli Housing Corporation (Baseyard Hawaii) 50 Sand Island Access Road Honolulu, HI 96819 www.baseyard.com	842-0770 842-0780 (fax)	***Services:*** Accepts and restores new and used reusable construction goods
Goodwill Industries 2610 Kilihau St. Honolulu, HI 96819 (corporate office) www.higoodwill.org 961-6427 (Hilo) 443-5858 (Kona) 442-8989 (Kahului)	836-0313 833-4943 (fax) 521-1798 (Beretania) 845-7071 (Surplus) 737-3284 (Kaimuki) 792-5100 (Kapolei) 488-1230 (Pearl City) 677-9521 (Waipahu) 621-6054 (Wahiawa)	***Services:*** Accepts donations of small appliances and other household items (CALL FIRST)

HABITAT FOR HUMANITY 1136 Union Mall, Ste. 510 Honolulu, HI 96813 (corporate office)	538-7070 538-7171 (fax) 696-7882 (Waianae) 935-6677 (Hilo) 331-8010 (Kailua-Kona) 242-1140 (Kahului) 335-0296 (Kauai)	***Services:*** Accepts donations of building materials for use in self-help housing projects (CALL FIRST)
www.honoluluhabitat.org (Honolulu) www.leewardhabitat.org (Leeward Oahu) www.hilohabitat.org (Hilo, East Hawaii) www.habitatwesthawaii.org (Kona, West Hawaii) www.habitat-maui.org (Maui) www.kauaihabitat.org (Kauai)		
REUSE HAWAI'I 200 Keawe St. Honolulu, HI 96813 www.reusehawaii.org	537-2228 285-0269	***Services:*** Offers deconstruction services including plan development, testing, implementation and on-site assistance
SALVATION ARMY 2950 Manoa Rd. Honolulu, HI 96822 (corporate office) www.salvationarmyhawaii.org 235-1408 (Kaneohe) 682-5505 (Kroc Center) 988-0634 (Waianae)	521-6551 935-1277 (Hilo) 326-2330 (Kailua-Kona) 775-7346 (Honokaa) 871-6270 (Kahului) 991-5335 (Lahaina) 245-2571 (Lihue) 335-5441 (Hanapepe)	***Services:*** Accepts donations for resale of furniture and small appliances; call for pickup of larger items (CALL FIRST)

OAHU – AGGREGATE

ALAKONA CORP. 91-504 Awakumoku St. Kenai Industrial Park Kapolei, HI 96707	833-1991 833-6422 (fax)	***Services:*** Accepts and crushes uncontaminated reinforced asphalt and concrete from their own jobs into fill (CALL FIRST)
CONCRETE WASHOUT SYSTEMS OF HAWAII 86-700 Leihoku Street Waianae, HI 96792	520-5953	***Services:*** Accepts uncontaminated concrete washout material (CALL FIRST)
GRACE PACIFIC CORPORATION Makakilo Upper Quarry www.gracepacificcorp.com	672-3545 672-3998 (fax)	***Services:*** Accepts and crushes uncontaminated reinforced concrete and asphalt into base course material

TAJIRI LUMBER, LTD. 1002 Puuwai Street Honolulu, HI 96819	841-2896 848-4847 (fax)	***Services:*** Accepts and crushes uncontaminated/unpainted reinforced concrete into fill (CALL FIRST)
WEST OAHU AGGREGATE CO., INC. 87-1650 Paakea Road Waianae, HI 96792	847-6746 842-3470 (fax)	***Services:*** Accepts and crushes uncontaminated/unpainted reinforced concrete into fill (CALL FIRST)

OAHU - FERROUS METALS - STEEL

LENOX RESOURCES, INC. 91-185 Kalaeloa Blvd. Kapolei, HI 96707	682-5539 682-4923 (fax)	***Services:*** Accepts and buys back ferrous metal
SCHNITZER STEEL HAWAII CORP. 91-056 Hanua Street Campbell Industrial Park Kapolei, HI 96707 www.hawaiimetalrecycling.com	682-5810 682-0604 (fax)	***Services:*** Accepts, buys back and processes ferrous metal

OAHU - NON-FERROUS METALS - ALUMINUM, BRASS, COPPER, AND STAINLESS STEEL

C.M. RECYCLING, LLC 204 Sand Island Access Road Honolulu, HI 96819	842-6640 842-6733 (fax)	***Services:*** Accepts, buys back and processes non-ferrous metal
DEPOT METAL RECYCLING, LLC 94-037 Waipahu Depot Street Waipahu, HI 96797	677-6969 or 841-3500 422-8749 (fax)	***Services:*** Accepts and buys back non-ferrous metal
HANS METALS INC. 94-170 Leokane Street Waipahu, HI 96797	676-4797 671-0729 (fax)	***Services:*** Accepts and buys back non-ferrous metal
ISLAND RECYCLING, INC. 91-140 Kaomi Loop Kapolei, HI 96707 www.islandrecycling.com	845-1188 842-0907 (fax)	***Services:*** Accepts and buys back aluminum and non-ferrous metal
LENOX RESOURCES, INC. 91-185 Kalaeloa Blvd. Kapolei, HI 96707	682-5539 682-4923 (fax)	***Services:*** Accepts and buys back aluminum and non-ferrous metal

OKUDA METALS, INC. 1804 Kahai Street Honolulu, HI 96819	845-6856 842-0249 (fax)	***Services:*** Accepts and buys back aluminum and non-ferrous metal
REYNOLDS RECYCLING, INC. 99-1160 Iwaena Street Aiea, HI 96701-3258 and various locations	487-2802 486-7753 (fax)	***Services:*** Accepts and buys back aluminum and non-ferrous metal

For a list of all other satellite locations on Oahu visit www.reynoldsrecycling.com

OAHU - WOOD AND GREENWASTE

MENEHUNE GREEN, LLC **DBA HAWAIIAN EARTH PRODUCTS, LTD.** 91-400 Malakole Road Kapolei, HI 96707 Wilikina Drive, Waialua www.menehunemagichawaii.com	682-5895 682-0762 (fax)	***Services:*** Accepts clean green waste for processing into "Menehune Magic" organic soil amendments
AUWAE'S FARM, LLC 87-1240 Hakimo Road Waianae, HI 96792	668-2730	***Services:*** Accepts clean green waste from their own jobs for processing
WINDWARD GREEN MANAGEMENT, LTD **DBA HAWAIIAN EARTH PRODUCTS** 199 Kapaa Quarry Road Kaneohe, HI 96744	261-5877 or 682-4246 682-4248 (fax)	***Services:*** Accepts clean green waste

OAHU – CARDBOARD

HONOLULU RECOVERY SYSTEMS 358 Hookela Place Honolulu, HI 96819-6356	842-3602 841-2438 (fax)	***Services:*** Accepts, picks up and processes cardboard
ISLAND RECYCLING, INC. 91-140 Kaomi Loop Kapolei, HI 96707 www.islandrecycling.com	845-1188 842-0907 (fax)	***Services:*** Accepts and processes cardboard
LENOX RESOURCES, INC. 91-185 Kalaeloa Blvd. Kapolei, HI 96707	682-5539 682-4923 (fax)	***Services:*** Accepts cardboard
UNITED ENVIRONMENTAL SERVICES, INC. 91-517 Awakumoku St. Kenai Industrial Park Kapolei, HI 96707	682-1001	***Services:*** Accepts cardboard

OAHU - PALLETS

MENEHUNE GREEN, LLC **DBA HAWAIIAN EARTH PRODUCTS, LTD.** 91-400 Malakole Road Kapolei, HI 96707 Wilikina Drive, Waialua www.menehunemagichawaii.com	682-5895 682-0762 (fax) 261-5877	***Services:*** Accepts uncontaminated, untreated/unpainted used wooden pallets and uncontaminated, untreated/unpainted wood
ISLAND RECYCLING, INC. 91-140 Kaomi Loop Kapolei, HI 96707 www.islandrecycling.com	845-1188 842-0907 (fax)	***Services:*** Accepts and repairs uncontaminated untreated/unpainted used wooden pallets
WINDWARD GREEN MANAGEMENT, LTD **DBA HAWAIIAN EARTH PRODUCTS** 199 Kapaa Quarry Road Kaneohe, HI 96744	261-5877 or 682-4246 682-4248 (fax)	***Services:*** Accepts uncontaminated, untreated/unpainted used wooden pallets and uncontaminated, untreated/unpainted wood

OAHU - APPLIANCES

SCHNITZER STEEL HAWAII CORP. 91-056 Hanua Street Campbell Industrial Park Kapolei, HI 96707 www.hawaiimetalrecycling.com	682-5810 682-0604 (fax)	***Services:*** Accepts/buys back and processes white goods and ferrous metals (Freon/CFCs and used oil must be removed)
REFRIGERANT RECYCLING, INC. 91-220 Komohana Street Kapolei, HI 96707 91-571 Nukuawa St., Kapolei	682-1555 682-1904 (fax)	***Services:*** Accepts and processes white goods. Removes Freon/CFCs and used oil

OAHU - TRANSFER STATION

ISLAND DEMO, INC. 2769 Kilihau Street Honolulu, HI 96819 www.islanddemo.com	839-5522 839-5515 (fax)	***Services:*** Accepts and sorts construction and demolition debris

OAHU - C & D LANDFILL

PVT LAND COMPANY 87-2020 Farrington Highway Waianae, HI 96792 www.pvtland.com	668-4561 668-1368 (fax)	***Services:*** Accepts and landfills construction and demolition site materials, including: concrete, hollow bituminous concrete, asphalt pavement, wood, glass masonry, flooring, siding plaster, dirt, rock, stumps, boulders and brush

KAUAI

GARDEN ISLE DISPOSAL 2666 Niumalu Road Lihue, HI 96766 www.gardenisledisposal.com	245-2372 245-2435 (fax)	***Services:*** Accepts cardboard
HEART & SOUL ORGANICS, LLC 6020 Koolau Road Lihue, HI 96766	828-1007	***Services:*** Accepts green waste
KAUAI NURSERY & LANDSCAPING 3-1550 Kaumualii Highway Lihue, HI 96766 www.kauainursery.com	245-7747 245-9289 (fax)	***Services:*** Accepts green waste
PUHI METALS RECYCLING Puhi Road	632-0697	***Services:*** Accepts and processes scrap metal and white goods. Removes Freon/CFCs and used oil
REYNOLDS RECYCLING various locations For a list of all satellite locations on Kauai visit www.reynoldsrecycling.com		***Services:*** Accepts non-ferrous scrap
KEKAHA LANDFILL 6900 Kaumualii Highway in Kekaha	337-9213	***Services:*** Accepts and landfills construction and demolition site materials, including: concrete, hollow bituminous concrete, asphalt pavement, wood, glass masonry, flooring, siding plaster, dirt, rock, stumps, boulders and brush

MAUI

MAUI DISPOSAL COMPANY, INC. 380 Alamaha Street Kahului, HI 96732 www.mauidisposal.com	242-7999 242-9471 (fax)	***Services:*** Accepts, picks-up and processes cardboard
MAUI EARTH COMPOST INC. At corner of Hanson Road and Pulehu Road, in Puunene Piilani Hwy, next to Kihei Wastewater Reclamation Facility www.mauiearthcompost.com	877-0403	***Services:*** Accepts and processes green waste
POHAKULEPO RECYCLING, LLC **DBA HAWAIIAN CEMENT** 0.2 miles West of Honoapi'ilani Highway, Wailuku	871-7004	***Services:*** Accepts and processes uncontaminated/unpainted concrete
MAUI EKO SYSTEMS Next to the Central Maui Landfill	572-8844 877-7589 (fax)	***Services:*** Accepts and processes green waste and uncontaminated, untreated/unpainted wood waste
REYNOLDS RECYCLING various locations For a list of all satellite locations on Maui County visit www.reynoldsrecycling.com		***Services:*** Accepts non-ferrous scrap
SCHNITZER STEEL HAWAII CORP. **DBA HAMMERHEAD METALS RECYCLING** 2000 Mokulele Highway Puunene, HI 96784 www.hammerheadrecycling.com	280-8844 877-0202 (fax)	***Services:*** Accepts and processes white goods and scrap metal. Removes Freon/CFCs and used oil
DECOITE C & D LANDFILL At corner of Pi'ilani Highway and Honoapi'ilani Highway	871-7496 877-6412 (fax)	***Services:*** Accepts and landfills construction and demolition site materials, including: concrete, hollow bituminous concrete, asphalt pavement, wood, glass masonry, flooring, siding plaster, dirt, rock, stumps, boulders and brush

HAWAII (BIG ISLAND)

ATLAS RECYCLING 30 Makaala Street Hilo, HI 96720 74-5599 Pawai Place Kailua-Kona, HI 96740 www.atlasrecyclingcenter.com/	 935-9328 329-6868	***Services:*** Accepts cardboard, pallets and non-ferrous metals; operates drop-off locations in select areas
BUSINESS SERVICES HAWAII 16-630 Kipimana Street Keeau, HI 96749 www.businessserviceshawaii.com/	 959-1436	***Services:*** Accepts cardboard
COUNTY OF HAWAII/EKO SYSTEMS, INC. Old Dump Road Kailua-Kona Convenience Center Ammunitions Road South Hilo Convenience Center	 961-8083	***Services:*** Accepts and processes green waste and uncontaminated/unpainted pallets
MAUNA LANI RESORT ASSOC. 68-150 Ho'ohana Street Kohala Coast	 885-0681	***Services:*** Accepts and processes green waste
ORGANA GROW 62-2670 Kawaihae Road Kamuela, HI 96743	 882-7931	***Services:*** Accepts and processes green waste
REYNOLDS RECYCLING various locations For a list of all satellite locations on Hawaii visit www.reynoldsrecycling.com		***Services:*** Accepts non-ferrous scrap
WEST HAWAII CONCRETE 74-4925 Queen Kaahumanu Highway Kailua-Kona, HI 96740 68-1244 Waikoloa Road www.concretewesthawaii.com/	 329-3561	***Services:*** Accepts and crushes uncontaminated reinforced concrete into base course material Accepts green waste

WEST HAWAII LANDFILL Near corner of Queen Kaahumanu Highway and Pu'u Pohaka Road	886-8059	***Services:*** Accepts and landfills construction and demolition site materials, including: concrete, hollow bituminous concrete, asphalt pavement, wood, glass masonry, flooring, siding plaster, dirt, rock, stumps, boulders and brush
HILO LANDFILL Along Railroad Ave. in Hilo	961-8635	***Services:*** Accepts and landfills construction and demolition site materials, including: concrete, hollow bituminous concrete, asphalt pavement, wood, glass masonry, flooring, siding plaster, dirt, rock, stumps, boulders and brush

For further information on
construction and demolition recycling, please contact:

Department of Health
Office of Solid Waste Management
http://health.hawaii.gov/shwb/solid-waste/
(808) 586-4226
fax (808) 586-7509