Maui's directory of Recycling and Reuse programs

Volume 6, Issue 1

January through June, 2006

You're holding the updated Recycling Guide! Watch for the next issue in July when we focus on community recycling.

The Lifecycle of a Vehicle

Joy Webster

In the Johnny Cash song *One Piece at a Time*, a fellow working at a Detroit auto factory devises a scheme to build his own car using parts pilfered from work. Over the years he assembles a vehicle and ends up driving a "...'49, '50, '51, '52, '53, '54..." well, you get the idea.

Recycling? Maybe, but not the best use of those auto parts. On the other hand, when one of our infamous Maui junkers finally gets towed to Kitagawa's—or any scrap yard licensed to do the work—it's headed down the road to some real, effective and useful recycling.

First, a few facts about automotive recycling in the United States:

"Scrap metal is much cheaper than raw ore."

- 1. Recycled cars and trucks provide almost 40 percent of the ferrous scrap for the scrap metal processing industry.
 - 2. This scrap metal is much



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3. The EPA estimates that steel mills which substitute low-sulphur scrap metal for high-sulfur raw ore can reduce their air pollution potential up to 86 percent and water pollution potential by up to 76 percent.

With these apparent benefits, why hasn't Maui had an active auto recycler in recent years until now? There's more to the story than just the perceived simplicity of towing those eyesores to a crusher. For one thing, storage of a derelict auto can lead to leakage of toxic fluids. The

law requires a proper substrate of concrete, gravel, thick layers of dirt or other non-permeable materials wherever vehicles are stored or processed for recycling. Then there's the problem of deterioration when the old car is exposed to the elements for a long time. Steel rusts, plastic disintegrates, glass shatters.

Dismantling the auto is the first step. Fluids are drained: oil, antifreeze, coolant, brake fluid, transmission fluid and washer fluid. Oil and grease can be recycled on Maui so these materials are handled appro-

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priately. Parts removal is next, with the intent of removing as many parts as possible so that only the frame remains. Of course, some of this job has often been done in advance by unknown parties who cockroach pieces of cars abandoned at the side of the road. Seats, dashboard, carpeting, windows, tires, mirrors, bumpers, side panels—if the auto recycler removes these things, they can be resold recycled, depending on their condition and market value.

Technology allows a worldwide database of used auto parts that are listed, sold and shipped to body shops, car repair companies and dealers wherever motorized vehicles exist.

... continued on page 9

FOUR STAR MORTGAGE

Support recycling efforts on Maui. Become a

Maui Recycling Group Associate

Your annual donation of \$25 or more entitles you to Maui Recycling Group Associate status.

Associates receive

MRG Recycling Guide (3/year) mailed to your home
Personal invitation to environmental events and special activities
FREE stuff and other terrific benefits!

Fill out the form below and send it with your check to Maui Recycling Group, Inc., P.O. Box 880852, Pukalani, HI 96768

Monetary and in-kind donations are tax-deductible.

I want to become a Maui Recycling Group Associate. Enclosed is my tax-deductible donation.						
□ \$1000 Lifetime Supporter □ \$50 Family	□ \$500 Super Recycler □ \$25 Individual	·				
Please print clearly:						
NAME:						
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We do not share this information with anyone. If you do not wish to receive e-mail regarding Maui Recycling Group and its programs, please check here:						
Are you interested in advertising in the MRG Recycling Guide? Check here:						

Maui Recycling Group, Inc., is a not-for-profit 501(C)3 Hawaii corporation, established in 1989. The MRG mission is to provide public education, research, training and technical assistance to encourage environmentally and economically sound solid waste resource management systems in the county of Maui and the state of Hawaii.

ACTIVE MRG PROGRAMS:

- Aloha Shares Network
- Speakers bureau providing educational presentations to schools, civic groups, and community organizations
- Home Composting Education
- Remade on Maui

COMPLETED MRG PROGRAMS:

- HIMEX (Hawaii Materials Exchange)
- County of Maui School/Community Recycling
- The Maui County Recycling HOTLINE (270-7880)
- Maui Master Composter Training
- Farm-Scale Composting Training
- Glass Recycling Education Project
- Re-Use Directory of Nonprofit Organizations
- Construction & Demolition Debris On-Site Recycling
- Condominium/Apartment Recycling Workshops
- Restaurant Waste Minimization & Pollution Prevention

For more information visit our Web site at www.mauirecyclinggroup.org

Maui Recycling Group, Inc.

Public education • Recycling program management • Training and technical assistance

onsider if we measured intelligence, environmental awareness, consciousness, and respect for Maui by the number of garbage cans we put out for pick up each week. One can a week would signify that this family is consciously reducing the amount of purchases, buying in bulk, carrying a cloth bag when shopping, recycling, and composting everything organic (junk mail and kitchen scraps). Homes with one can are my heroes. Six cans a week would speak loudly about purchasing habits (dragging home more and more stuff). No recycling going on. Sometimes bagging grass clippings and tree trimmings. Mostly the attitude of those with six cans is "this is what the county trash pickup allows for \$72, so I have a right to fill it."

Forget the number of years you went to college, the number of years you were the CEO of a big company, the office you held in County Council or how much money you earned last year. More than three bags of trash a week speaks loudly about your awareness level. It's at a minus. We live on the most beautiful island in the middle of the Pacific Ocean and we can't afford to NOT deal with our garbage.

The pu'u opala (garbage mountains) that we are contributing to on this tiny island continues to grow while we wait for the County to catch up on what the rest of the world is doing in recycling. All the while, we have become consumer junkies to the point of changing the chemistry of the planet. We have altered the quality of the air, the ozone layer, the quality of the water—all in the name of producing more and more and then trying to dispose of it.

How do we reduce our garbage? Buy only products you can compost, reuse or recycle. And purchase recycled items (paper, plastic, cans, cardboard, etc). At the County Fair, Maui Nui Focus brought our attention to disposable plates, cups and utensils made from corn starch and not paper or plastic. They dissolved some time after using them. Fast food restaurants, did you take note?

This is an auspicious time, the beginning of a brand new year. Adopt new ways of being. Take time to think before you make a purchase. Can you recycle it? How about donating that old sofa or fridge to Aloha Shares Network before you bring home the new one? Can you compost most of the junk mail? Are the yogurt containers recyclable? No? Then purchase ones that can be, or find a reuse place, such as your local elementary school.

A new vision for Maui is essential. We can change. Laziness and waiting for the County to make a move towards curbside recycling is what leads to filling those six cans each week. Become a one can hero. Hopefully, the politicians will take note.

"The significant problems we face cannot be solved by the same level of thinking that created them."

— Albert Einstein

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Joy Webster

This is the 17th edition of Maui Recycling Group's Recycling Guide. I am proud to be the editor of a publication that I feel is an invaluable resource to the residents of Maui. Our mission is to continue to bring you the latest, up-to-date news. If we don't hear about something till after we've gone to press, or are in error in any way, please help us help Maui by e-mailing the recycling group at recycle@alohashares.org. If you have news about a recycler or a recycling opportunity that we are not yet

Editor

our facts right and our news current.

Debra Lordan

aware of, please let us know. We want to continue to have

The Recycling Guide

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COMPOSTING WORKSHOPS OFFERED REGULARLY BY MAUI RECYCLING GROUP

Every second Saturday of every month until May, you too can learn to compost in your garden. If you don't have a garden, you can compost your junk mail and food scraps to worms. They quietly and efficiently make the richest compost possible. Nothing decomposes in a black plastic bag sent to the landfill. About 43 percent of what is bagged and sent to the landfill is organic material that could be made into compost.

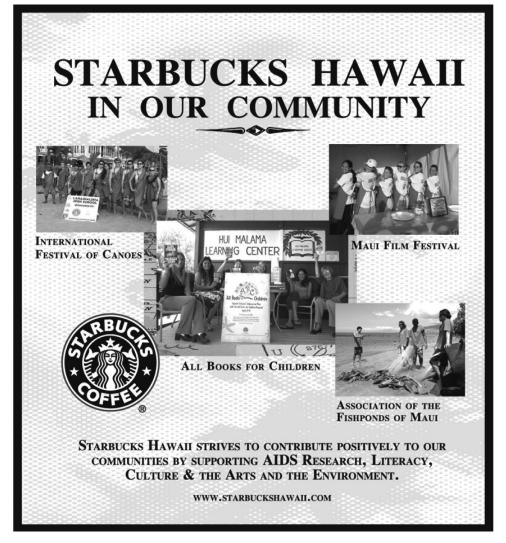
Composting creates rich soil and stronger plants, reduces erosion, the use of chemical fertilizers and pesticides, uses free and available resources, increases the life of our landfill, cuts down on greenhouse gases and global warming—and it's easy to do.

Vermicompost is worm casts (poop) plus some decayed organic matter. Red wiggler worms can consume their own weight in organic matter in a day. They have no teeth but they derive their nourishment from all the micro-organisms that are decomposing the fruits and vegetables. Their casts contain eight times as many micro-organisms as their feed! And these are the micro-organisms that are healthy for plant growth. The casts don't contain any disease pathogens—pathogenic bacteria are reliably killed in the worms' gut. This is one of the great benefits of vermicomposting.

Worm casts contain five times more nitrogen, seven times more phosphorus, and 11 times more potassium than ordinary soil, the main minerals needed for plant growth. But the high amount of beneficial soil micro-organisms in worm casts have at least as much to do with it. The casts contain humic acids, which condition the soil, have a perfect pH balance, and have plant growth factors similar to those found in seaweed.

There are two breeds used in vermicomposting: Eisenia foetida or Lumbricus rubellas. These worms are not indigenous to Hawai'i so they don't survive well outdoors. Composting with worms is done in stacking plastic boxes where some liquid is captured and another box houses the worms.

Sign up to attend a workshop by calling 878-6666. Classes are held every second Saturday of every month at the MOA building in Kahului (164 Kamehameha Avenue) from 9:30 a.m. to 11 a.m. The cost is \$5. Preregistration is required. Compost workshops can also be arranged for your group or organization.





The Frame of Shame

Pu'u Opala (Central Maui Landfill) has grown high enough (right of shed) that Pu'u Opala Two (left of shed) opened for business at the begining of the year.



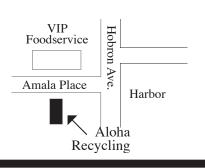
ALUMINUM-GLASS-PLASTIC-BIMETAL

We pay cash for all HI 5 containers

and pay for non-deposit beverage containers including #1 and #2 plastic, glass, and unlabeled aluminum cans. Ask us about our Redemption Account Program to provide fund-raising opportunities for nonprofit organizations.

ALOHA RECYCLING

75 Amala Place Kahului, HI 96732 info@aloha-recycling.com 808-871-8544



USED MOTOR OIL

These businesses are shining examples of how retailers can partner with the County to reduce the health and environmental impacts of their products. The County of Maui proudly announces the newest oil collection site on Maui. Calasa Service Station joins 11 other sites where do-it-yourself oil changers can recycle used motor oil. Hanzy Kanuha, owner and manager, resides in Kula. His commitment to being of service to this community is the reason he signed up to collect used oil for recycling.

"No one was collecting oil Upcountry. I just wanted to help out." Calasa Service Station has been a fixture in Upcountry Kula for more than 75 years. Today Calasa's is known for their aloha and great service. They are good neighbors and their dedicated staff welcomes the opportunity to meet more do-it-yourself oil changers in an effort to keep our environment free of oil contamination.

It only takes a very small amount of oil poured into the ground to contaminate millions of gallons of our drinking water. Used recycled oil can be reused over and over again. Recycling is the only safe option for handling used motor oil. Oil should be collected in a clean container, preferably in the container that is given out free of charge from collection sites. Oil should NOT be mixed with water or other auto fluids. Never use a bleach bottle. Collection barrels are positioned at Calasa's where anyone may take their used motor oil to be tested. It is against the law to leave oil when the site is closed. Please inform the attendant when dropping off oil.

Each site is voluntarily doing a service to Maui. Please show your aloha and appreciation for their commitment to Maui's environment by collecting oil properly and not leaving it when the collection site is closed.

Collection Sites and Hours

Wailuku

NAPA United Auto Parts 1820 Wells Street Mon.-Fri. 8:30-4:30 Sat. 8:30-3:30

Haiku

Federated Auto Parts 780 Haiku Road Mon.-Fri. 9-3 Sat. 10-2

Central

Central Maui Landfill Pulehu Road, 1 mile from Hansen Road Mon., Wed., Fri. 6-4 Tue., Thurs. 7-2:30

Hana

Hana Landfill Mon.-Fri. 8-4:30 Sat. 8-12

Kihei

Kihei Wailea 76 South Kihei Road Tues., Thurs., Sat. 8-4

Lahaina

NAPA United Auto Parts 1058 Limahana Place Mon.-Sat. 8-4

Molokai

Mon., Wed., Fri. 8-4:30 Thurs., Sat., Sun. 8-12

Olowalu

Olowalu Recycling Center 3 miles south of Lahaina Mon.-Sat. 9-4. Sun. 9-2

Kahului

Maui Oil Change & Tune-up Wakea & Puunene Mon.-Sat. 8-5

Federated Auto Parts 305-A Dairy Road Mon.-Fri. 8-4:30 Sat./Sun. 8-12

NAPA United Auto Parts 90 E. Wakea Avenue Mon.-Fri. 8:30-4:30

Upcountry

Calasa Service Station 4836 Lower Kula Road, Kula Mon.-Sun. 8-5

REDEEM HI5 BOTTLES & CANS



What's in -

Size: ½ gallon (64 oz) or smaller

Drink: water, juice, soda, tea, coffee, beer, malt beverages, mixed spirits (<15% alcohol) and some blended wines Material type: glass, plastic (#1 & 2 only), aluminum and bi-metal

Labeled: HI 5¢

What's out -

Size: larger than ½ gal., e.g., 2 liter sodas, gallon jugs **Drink:** wine, liquor, milk, meal supplements, infant formulas

How to Prepare HI 5 Containers:

- Empty containers no liquid, food or trash
- Remove caps from all bottles
- Sort by material type plastic, glass, aluminum and bi-metal
- Crushing aluminum and plastic may be crushed except when redeeming at reverse vending machines
- Large loads (1000+containers) bring in before noon

www.hi5deposit.com

KAHULUI

*Maui Community College

Wahine Pio Rd. near the MACC Wed-Sun, 8 to 5:30, closed 1-2

Aloha Recycling

75 Amala PI, off Hobron, near VIP Foods Mon, 7-5; Tues-Sat, 8 to 4:30

Aloha Shell (RVM) 110 S. Puunene Ave

Open 24 hours a day

Reynolds Recycling

140 Hobron Rd. entrance on Amala PI Mon-Sat, 9 to 5, closed 12-1

WAILUKU

Maui Disposal (RVM) 280 Imi Kala St, near Wailuku P.O. Tues-Fri, 10 to 3; Sat, 9 to 4

MAKAWAO

*Behind Kalama Intermediate School off Makani

Wed-Sun, 8 to 5:30, closed 1-2

<u>HAIKU</u>

*Hana Highway at Pauwela Road near Haiku Community Center

Wed-Sun, 8 to 5:30, closed 1-2 **LAHAINA**

Keawe Street across from Cannery Mall Wed-Sun, 8 to 5:30, closed 1-2

*Off Welakahao Road

between Piilani Hwy & S. Kihei Rd Wed-Sun, 8 to 5:30, closed 1-2

CENTRAL MAUI LANDFILL

Opening date – to be announced

On Pulehu Road

one mile up from Hansen Road Proposed hrs: Tu-Sat 7 - 2:30, closed 11-11:30

MOLOKAI LANDFILL

*Recycle Molokai

off Maunaloa Hwy, between mm 3 & 4 M, Tu, W, F 8 - 4:30; Th, Sat, Sun 8 - 12

<u>LAN</u>AI

Off Ninth Street below the soccer field M, W 1 to 4:30; Fri 1 to 5; Sat 8:30 to 12:30

Hours and locations subject to change.

*Residential Recycling Center - where non-redeemable containers, cardboard and newspaper may also be recycled.

(RVM) - Reverse vending machines used at these locations.

www.mauicounty.gov/recycle **Recycle Maui County Hotline** 808-270-7880

Molokai 800-272-0117 Lanai 800-272-0125



GLOBAL RECYCLING

Could recycling methods used in other parts of the world work here on Maui?

Joy Webster

As in, "Where I came from recycling was mandatory." Well, that's good for some areas of the world; for others it just doesn't make sense. But there are small steps being made in communities everywhere that reduce the amount of waste going into landfills and help clean up the environment at the same time. Here are some of the latest programs reported in industry publications. Maybe some of these could work on Maui?

Extended Producer Responsibility

This program adopted by British Columbia, Canada, requires any company that sells a designated consumer product to provide "cradle-to-cradle" takeback and recycling. It started with paint and went on to include pesticides, pharmaceuticals, fuels and paint thinners. Then beverage producers (except dairies), packaged motor oil and oil filters, tires and batteries. And finally, the province now requires producer take-back and recycling of electronic products.

Old Tires Under Golf Greens

The University of Wisconsin proved that chipped-up tire rubber will absorb chemicals in fertilizers, preventing them from leaching into groundwater. Professor Jae Park estimates it would take about 72,000 tires to create a 10-centimeter layer under each green on an 18-hole golf course.

Green Entrepreneurship

The ingenuity of the average person can be downright inspirational. Dairy farmers Theresa and Matt Freund, in North Canaan, Connecticut, create biodegradable planting pots made almost entirely of the manure produced by their 225 milk cows. Matt says the pots allow good root penetration and supply instant nutrients. A patent has been filed.

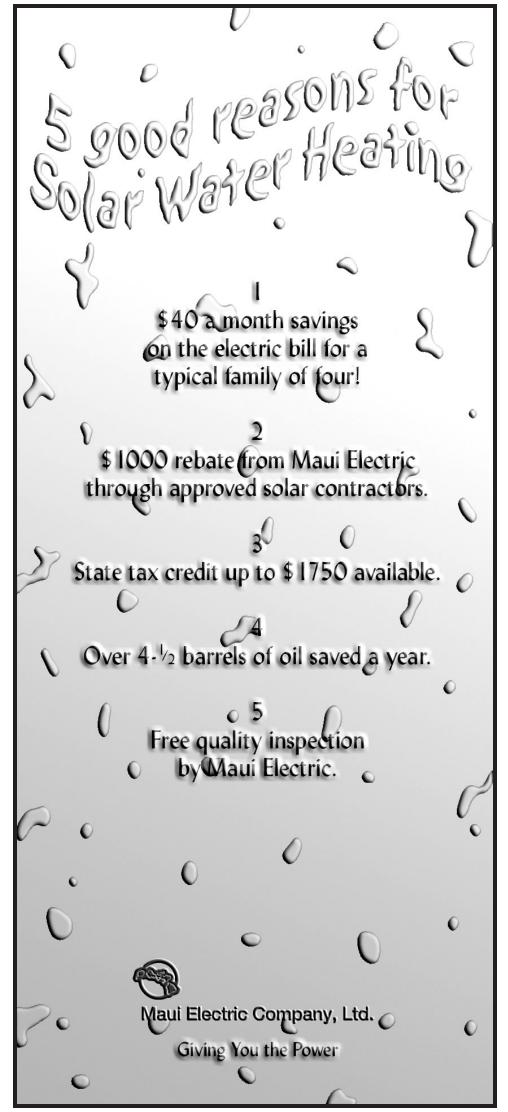
Refurbishing Computers Makes Sense and Dollars

CompuMentor, a San Francisco non-profit organization, studied the ongoing environmental disaster of old computers and cell phones dumped in landfills. They determined that "adding a few years of life to computers by refurbishing them is five to 20 times more energy efficient than recycling." Just donating an old computer to a program like Aloha Shares Network, CompuSwap, or a Mainland equivalent, could help meet demand for 28 million computers by schools and low-income families.

Fishy Fashions

A Spanish fish-processing plant estimated that 300 tons of salmon skin are discarded in landfills every year in that country. After studying the problem, the company learned that if properly treated, those big, scaly skins can be tanned and turned into large pieces of usable leather. They united with entrepreneurs in France, Italy and Greece—including the Italian shoemaker Calzaturificio Santa Maria—and a new industry was born. Just think, the sole on your next new shoe could very well be, well... sole!

...continued on page 11



Recycle Where, what, & how to recycle on Maui

The following information is provided by businesses and individuals in the recycling industry on Maui and is subject to change without notice. Please contact the appropriate company for more information (see Recycling Directory on page 10).

ALUMINUM AND METALS

✓ Yes, you can recycle:

- Aluminum beverage containers
- Aluminum foil, foil pie plates and trays
- Junk cars (oil, gas, antifreeze and other liquids removed). Call county at 270-7880 or Kitagawa Towing 877-5611 to schedule an appointment. There is a \$305 processing fee.
 - Automotive parts
- Large appliances (freon removed). Call County at 270-7880 or Kitagawa's Towing at 877-5611 to schedule pickup. There is a \$60 fee for this service.

Metal recycling is easy:

- Aluminum only in Dropboxes
- Rinse
- Remove all food/product residue.
- · Make foil into a ball.
- Remove aluminum cans from plastic or paper bags before depositing in bin.
- Junk cars, auto parts and large appliances must be hauled.
- Refer to the Residential Recycling Dropbox Guide on page 8.

Residents and visitors use the Residential Recycling Dropboxes, or take to Aloha Recycling or Reynolds Recycling (listed on page 10).

Businesses should arrange for metal recycling with a recyclables hauler (listed on page 10).

X No, you can't recycle:

- Steel tins (vegetable, pet food cans, etc.)
- Aerosol cans
- Cans containing paint, varnish, sealer, or other chemicals. Otherwise, these products must be disposed of in the landfill. Use kitty litter to absorb remaining liquid, triple-bag the can in plastic, take it to the landfill, and hand it to the attendant. Do not place in your trash for pick-up.

APPLIANCES

✓ Yes, you can recycle:

• Large appliances, such as stoves, washing machines, dryers, hot water heaters and refrigerators (freon removed). Call county at 572-3958 for Upcountry pickup and 270-7452 for Central, West and East Maui.

Appliance recycling is easy:

• There is no regular curbside pick-up for these items and they must *not* be left at the Residential Recycling Dropbox sites.

X No, you can't recycle:

• Broken televisions, stereos, and small appliances.

AUTOS

• Coming soon - Maui's improved Derelict and Abandoned Vehicle Abatement Program. Call 270-7363.

BATTERIES

• See HAZARDOUS MATERIALS on page 7.

BOOKS, TAPES AND RECORDS

✓ Yes, you can recycle:

• Books, hardcover and paperbacks, textbooks, magazines

Book recycling is easy:

• Books, tapes and records may be dropped off at Friends of the Library in Puunene (drive past the mill and follow the signs), or donated to thrift shops.

X No, you can't recycle:

• Torn, abused books with pages missing.

CARDBOARD

✓ Yes, you can recycle:

- · Corrugated cardboard.
- Boxboard (cereal boxes, packing boxes).
 - · Cardboard egg cartons.
 - Paper bags—all colors and sizes.
- Cardboard cores from paper towels and toilet tissue.

Businesses should arrange for cardboard recycling with a recyclables hauler (listed on page 10)

X No, you can't recycle:

- · Juice boxes with foil and plastic lining
- · Waxed milk and juice cartons
- · Wax-coated cardboard
- Unflattened anything

CELL PHONES

• Drop off old cell phones to Women Helping Women on Maui (listed on page 10) or contact Maui Recycling Service at 244-0443.

CLOTHING

✓ Yes, you can recycle:

· Usable, clean clothing.

Clothing recycling is easy:

- Wash and neatly fold clothing to be donated.
- Check pockets for personal items.
- Donate clothing, linens, and other housewares to local charity thrift shops (listed on page 11).

COMPUTERS

✓ Yes, you can recycle:

Watch for CompuSwap!

Jan. 28, 10 a.m–2 p.m. CompuSwap will recycle broken or unused computers, monitors, printers, scanners, and computer parts.

Phone 877-2524 for information.

CONSTRUCTION MATERIAL

✓ Yes, you can recycle:

Good, usable lumber, plywood, concrete blocks.

Construction material recycling is easy:

• Lumber, plywood and usable concrete blocks may be listed with Aloha Shares Network <www.alohashares.org> for donation to nonprofits.

FATS, OIL, GREASE (FOG)

✓ Yes, you can recycle:

- Restaurants can recycle cooking fats, oils and grease.
- Residents and visitors can recycle kitchen fats, oil and grease.

FOG recycling is easy:

Residents and visitors should take kitchen fats, oil and grease to Pacific Biodiesel at 40 Hobron Avenue; drop off in (preferably) original one-gallon plastic containers. No smaller quantities, please.

Businesses can arrange for a pumping company to handle the removal of fats, oil, and grease from grease traps and containers.

FOOD

✓ Yes, you can recycle:

- Household table scraps (fruit and vegetables).
- Restaurant food waste of all kinds except fats, oil and grease (see previous listing)

Food recycling is easy:

 Donate excess good-quality food to community kitchens.

Residents should use their household food scraps (fruit and vegetables only) in home composting.

Businesses should arrange for Pua'a Food Waste (listed on page 10) to have food waste taken to commercial composting sites and pig farms. A few local farmers will pick up food waste at restaurants to use as pig food.

X No, you can't recycle:

• In home composting, do not use meat, fish and dairy products. Egg shells and all vegetable matter are okay to use.

FURNITURE

✓ Yes, you can recycle:

• Furniture in good, usable condition.

Furniture recycling is easy:

• Unwanted good-quality furniture may be listed with Aloha Shares Network <www.alohashares.org> for donation to nonprofits, or may be taken to local thrift shops.

X No, you can't recycle:

• Dirty, broken and unusable household or office furniture.

GLASS

✓ Yes, you can recycle:

- · Clear and colored containers
- · Ceramic dishes, pottery and pyrex
- Mirrors
- Window glass
- Any glass container

Glass recycling is easy:

- Remove lids and corks
- Rinse the container to remove all food or product residue.
- Glass containers do not have to be sorted by color.
 - Labels need not be removed.

Businesses should arrange for glass recycling with a recyclables hauler (listed on page 10).

X No, you can't recycle:

- · Windshield glass and safety glass
- Fluorescent tubes and light bulbs
- Headlights

Nail polish bottles

HAZARDOUS MATERIALS

✓ Yes, you can recycle:

- Auto and boat batteries
- Usable excess paints and chemicals

Hazardous material recycling is easy:

- Return auto and marine batteries to the retailer who is required to accept them, usually for a small fee.
- Mail household batteries to Battery Solutions (listed on page 10).

X No, you can't recycle:

- Alkaloid batteries
- Old paint and chemicals. Use kitty litter to absorb excess moisture, triple-wrap in plastic, take to the landfill, and hand to the attendant. Do not place in household track

ORGANICS/YARD TRIMMINGS

✓ Yes, you can recycle:

- Lawn clippings
- Yard trimmings
- · Rotten fruit and vegetables
- Seaweed
- Sawdust
- Coffee grounds, tea bags
- Kitchen scraps (veggies/fruit only)
- Napkins, paper towels
- · Shredded mixed paper

Organics recycling is easy:

 Household organics can be used in home composting.

Businesses should arrange for a recyclables hauler (listed on page10) to have organic material taken to commercial composting sites.

✗ No, you can't recycle:

Meat, fish and dairy products in home composting

PAINT

- See HAZARDOUS MATERIALS
- Usable paint can be taken to Community Work Day in Puunene or donated to the Paint Exchange. 877-2524

PALLETS

✓ Yes, you can recycle:

 Wood shipping pallets may be taken to Maui EKO Systems for chipping and use in commercial compost.

Pallet recycling is easy:

- Pallet wood is untreated and can be used in home composting and gardening projects. Call 878-6666 to register for the next Home Composting Workshop.
- Select sturdy, unpainted pallets.

Businesses should contact a recyclables hauler (listed on page 10) to have pallets taken to commercial composting sites.

PAPER

✓ Yes, you can recycle:

- Mixed paper in home composting
- High-grade white office paper
- Newspaper

Paper recycling is easy:

Residents can shred household mixed paper (magazines, junk mail, envelopes, white and colored paper) and use in home compost.

Businesses should arrange for recycling of mixed office paper, high-grade white office paper, and newspaper with a

recyclables hauler (listed on page 10).

X No, you can't recycle:

- Shredded paper (use in home compost)
- Carbon paper
- · Metal or spiral binders
- Photographs
- Thermal fax paper
- · Gift wrapping paper
- · Books, telephone books (see listing on this page), paperbacks (see BOOKS on page

PLASTIC

✓ Yes, you can recycle:

- Check the neck if it's got one, it can be recycled
 - · Clear and colored bottles, all sizes
 - Milk and juice jugs
- · Plastic bags are accepted at County Recycling Residential Dropboxes (shopping, grocery, produce, dry cleaning bags)

Residents and visitors use the Residential Recycling Dropboxes.

Businesses should arrange for plastic TELEPHONE BOOKS recycling with a recyclables hauler (listed on page 10).

X No, you can't recycle:

- Containers without necks
- PVC pipe
- Saran Wrap™, shrink wrap, bubble
- Foam rubber
- Toys (take to charity thrift stores)
- Vinvl
- · Styrofoam containers or packing material. Take bagged packing peanuts to a pack and ship or mailing service shop.
- Styrofoam egg cartons, disposable cups, plates, utensils
 - · Buckets, 5-gallon jugs

Don't forgetplastic, aluminum, glass, and mixed metal beverage containers marked HI 5¢ are worth a nickel!

REFRIGERATORS

See APPLIANCES on page 6

✓ There are 4 phone books on Maui. Contact the individual companies and ask about their phone book recycling programs:

Ad Ventures Publishing 893-2209 The Maui Register 575-2990 Hawaiian Telcom 242-5148 Yellow One 800-489-8230

· Do not put old phone books in the County's Residential Recycling Dropboxes.

✓ Yes, you can recycle:

· Tires of all sizes by using them in retaining walls, home composting bins, walkways, planter boxes and other landscaping and construction projects

Tire recycling is easy:

- · Remove the wheel
- Turn the tire inside out
- Cut with a special tire knife
- Paint tires with latex or oil-based paint
- · Unitek Solvent Services collects old tires for a fee (listed on page 10).
 - Take old tires to a tire distributor.

USED MOTOR OIL

- ✓ Yes, you can recycle:
- Clean used motor oil

Used motor oil recycling is easy:

· Home mechanics may take up to two gallons of used motor oil to one of the drop-off sites listed on page 4.

Instructions:

- Drain oil filter overnight
- Take up to 2 gallons to a collection site (see listings on page 4).
- · Oil must be in a clean, leak-proof container
- · Clean up spills
- Drop off only during business hours
- Don't contaminate oil with other fluids
- · Commercial mechanics may not use the drop-off service; call Unitek Solvent Services for pick-up (listed on page 10).

X No, you can't recycle:

· Used motor oil contaminated with any other fluid such as grease, antifreeze, water or solvents. Be sure the container is washed out before draining the oil into it. Call X to report contaminated oil.



"We support recycling."

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> Maui Earth Compost Kihei & Puunene 877-0403

Moving? Cleaning house or office? Have stuff you don't need but you know someone could use it? Share it with Hawaii's nonprofits! List it with us! 878-6666



Aloha Shares Network is a Statewide Reuse Cooperative keeping good, usable materials out of Hawaii's landfills....and getting them to the people who need them.

www.alohashares.org

A program of Maui Recycling Group, Inc. • Funded in part by a County of Maui, Dept. of Public Works & Environmental Management Recycling grant

The Gift of Giving: Aloha Shares Network

Wilma Nakamura

in folk tales, a gift is sometimes worthless: bean seeds, leaves, lumps of coal—but these later turn to gold. Tales such as these might be carrying the message that the mere action of gift giving transforms the item into something more precious than it really is. This is how I see Maui Recycling Group's reuse program.

What may look like an old used sofa or file cabinet, becomes

(ASN), and in the future, they will pass down this spirit of giving.

The donor will tell the story of how it made him/her feel good Soup, phoned to ask if I knew of to know someone could use this washer, and the recipient will tell the story of how the washer appeared in his/her life when it was needed most.

I see the aloha we share as the core and foundation of what we will pass down to our kids. Without ing class for kids who have lost

they know of Aloha Shares Network prised of hand-made paper. The covers were made out of wood. Each cover was artfully carved.

> Judy Bruder, owner of Duck an organization that would put them to good use. What came to mind was Hospice. I spoke to Greg LaGoy, executive director extrodinaire, and he was more than happy to accept them.

Hospice will offer a journal-

to Maui nonprofits. "There is so much waste. I just can't let anything go to the landfill when someone can use these things," says Victoria.

Not only does ASN have donors who consider reuse as their first choice, but we have supporters that are out there meeting and greeting the public and campaigning for reuse. Darla Palmer of Maui Onstage is an example of someone who has created donations from



Sister Roselani Enomoto and David Cain meet for the first time. Sister Roselani of Catholic Charities receives donations from Aloha Shares and David is an active donor at Aloha Shares.



Judy Bruder, owner of Duck Soup, donates hand-made journals to Hospice Director Greg LaGoy.



Victoria Van Aller, owner of Affordable Furniture and A First Impression Design, urges her clients to donate their used furniture to Aloha Shares.

used washing machine that still has some life in it, but with a bit of rust to show for it's years of service, is given to someone who really needs it. But no money changes hands.

What does change hands is the goodwill that comes from sharing. The qualities of generosity and sharing are brought into this exchange. The humble washing machine with it's faded dial, rust spots, clean interior and black hoses becomes the agent of human kindness that we thought we were too busy to express.

They lead separate lives, the donor and the recipient, but they have much in common. They live on Maui,

transformed when given away. A it, Maui would not be "no ka oi."

Sister Roselani Enomoto of Catholic Charities receives emails from ASN and has been able to find, on many occasions, items folding table with chairs and a her clients needed. She has moved families from ice chest to fridge and from no gifts at Christmas to a keyboard with stand and music books for a child with an ear for music. need of a bed, David phoned to

The generosity of the donors has the potential of changing the recipient's view of strangers who are willing to participate in Aloha Shares Network.

A couple of boxes full of beautifully made journals needed a home. Each journal was bound and com-

a loved one and they will be able to start their healing journals with these beautifully bound books.

Fridge, air conditioner, futon, 26-inch color TV are only a few things David Cain has donated to nonprofits registered with ASN. Last year, when a child was in suggest that if a bed didn't come in, he was willing to purchase one.

Victoria Van Aller, owner of Affordable Furniture and A First Impression Design, urges her clients to donate their used furniture to Aloha Shares. Her clients have given entire condos full of furniture businesses with her enthusiasm and strong recommendation.

Each time the gift of reuse is put in motion, someone else is inspired by the act of generosity. Less is landfilled, more is shared, and our nonprofit community is benefiting.

Aloha Shares Network is a landfill diversion and reuse program. They take donations from local businesses and the residential community, of reusable goods and materials (both new and used) and redistributes these items FREE-OF-CHARGE to non-profits, churches and schools in Maui County.

Call the Aloha Shares Network at 878-6666.

Powertrain removal is the final step before the car is crushed. The engine, transmission and axles are set aside, leaving the skeletal frame.

The frame is then shredded, and in this step the real economic benefit of auto recycling is realized. The ferrous metals are separated, using powerful magnets, from the non-ferrous



Junked cars at Kitagawa's are crushed and stacked for transport.



materials. The clean ferrous metal is sold to steel mills and used in the manufacture of new products. The other stuff, known as Automobile Shredder Residue (ASR)—a mix of plastics, fluids and unusable metals—is usually disposed of in a landfill. This material makes up about 25 percent of the total weight of the car.

During the dismantling and shredding process the recycler is acutely aware of possible contamination of the soil and water in and around the facility. Each step generates its own waste stream that must be handled according to EPA requirements and that adds to the overall cost of recycling an automobile.

Once the ferrous metals are shipped to market, a whole new avenue of usefulness opens up. Many parts of the car you now drive are made up of recycled metals from old vehicles. Other opportu-

nities for recycled cars are in the manufacture of appliances, office equipment and furniture. Of course, the most well-known use is the ubiquitous can. Take a look at the next can you open; you just may see a glimmer from the side panel of that "...'49, '50, '51, '52, '53, '54... automobile" Johnny Cash immortalized.

From junked car to safe and convenient food can: The road to auto recycling is full of creative people doing creative things to keep our island—and our world—cleaner and greener.



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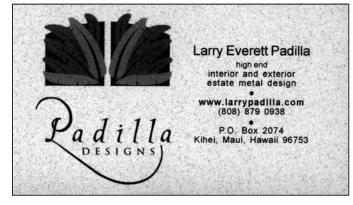
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Composters

 Campaign Recycle Maui
 986-0010
 • www.compostmaui.com

 EKO Compost
 572-8844 • Fax 877-7589

 Joy of Worms
 878-6666 • Fax 878-6666

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 877-0403 • Fax 244-8051

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242-7999 • Fax 242-9471

• www.mauirecyclingservice.com

877-7986

879-4321

Maui's Thrift Shops

Aloha Lima Thrift Store 95 S. Kane Street, Kahului 871-7311 9:30 - 1, third Saturday of the month 472 Kaulana Street, Kahului Hale Makua Auxiliary Thrift Shop 871-9209 9:30 - 3:30, Mon., Wed., Fri. Kala Iki Thrift Store Kula Hospital, Keokea 878-1221 9:30 - 1, second & last Sat., & third Tue. each month Maui Friends of the Library Used Books behind old Puunene School 871-6563 9 - 4. Mon.-Sat. Salvation Army Thrift Stores 35 Hale Kuai Street, Kihei 875-8065 9 - 5, Mon.-Sat. 131 Shaw Street, Lahaina 661-0375 9 - 4, Mon.-Sat. St. Anthony's Thrift Shop 1627B Mill Street, Wailuku 242-7785 8 - 1, Tue., Wed., Fri. St. Joseph's Thrift Shop 1294 Makawao Ave., Makawao 572-9150 9 - 1, Tue., Thur., Sat. Thrift Shop of Holy Rosary Church 954 Baldwin Avenue, Paia 579-8714 9:30 - 1:30, Tue., & Thur. 8:30 - 2:30, third Sat. of the month

Where to get rid of:

AOL CDs

www.nomoreaolcds.com/index.htm

Mail your unwanted AOL CDs to: 1935 El Dorado Ave, Berkeley, CA 94707

Batteries:

Battery Solutions will take household batteries. Contact them at 810/494-5010 or www.batteryrecycling.com

Call Maui Recycling Service at 244-0443, or take cell phones and chargers to Women Helping Women, Suite 202,1935 Main Street, Wailuku

Eyeglasses

Lions Clubs collect prescription glasses and readers

unk mail

Register with Mail Preference Service, Direct Marketing Association, PO Box 9008, Farmingdale, NY 11735 Stamps

Send to: Veterans National Stamp/Coin Club, SC135, 3601 S. 6th Avenue, Tucson, AZ 85723 Toner Cartridges

www.inkjet.com for information on inkjet cartridge recycling for cash

Directory

Recycling Business Partners

Recycling Business Partners	
A-1 Recycled Appliances	242-6937
Advanage Hawaii	281-2798 • Fax 442-0031
Big Brothers/Big Sisters	242-9754
Buyer's Paradise	878-2826
Deborah Daniells & Associates	986-0737 • Fax 986-0298
Four Star Mortgage	877-4000 • Fax 877-4448
Graphics Technology	879-9390
Hawaii Tire Disposing Co.	276-5788
Maui Electric	871-8461
Maui Oma Coffee Roasting	877-6213
Pacific Audio	874-4928 • Fax 874-8396
Pacific Auto Wholesale	871-9400 • Fax 871-9401
Quiet Time Recycled Insulation	357-1908
Reynolds Aluminum	385-1867
Sunny Solutions	283-2514
The Soil Doc	250-1314
The TV Man	572-0990

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- www.deborahdaniells.com
- www.fourstarmortgage.com
- riccio@shaka.com
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Processors

Aloha Recycling	871-8544 • Fax 873-6364
Pacific Biodiesel	877-3144 • Fax 871-5631
Unitek Solvent Services	877-2667

Enjoy the Game and Don't Forget to Recycle

Californ in pressed a law requiring state and local agencies to give detailed information about recycling to the operators of public events. "The largest venues and events... must develop waste reduction programs such as recycling cardboard packaging and beverage containers, and buying recycled-content paper products," reports Refuse News.

Costco Helps Recycle Toner Cartridges

A new Costco program invites all computer printer users to recycle their inkjet and toner cartridges just by going online to Costco.com and clicking on "Office Products," then "Recycle Ink and Toner." Once there you can print a postage-paid, pre-addressed label, place the used cartridge in a package, attach the label and mail it.

Hazardous Waste Day

Nashville, Tennessee, holds an annual Household Hazardous Waste Collection Day when residents can drop off all those old cans and bottles of potentially harmful items stored in the garage. The list includes pesticides, herbicides, acids and bases, tile cleaners, solvents, polishes, paint thinner, both oil-based and water-based paints, wood preservatives, varnish, turpentine, furniture strippers, oil, antifreeze, automotive fluids, poisons, pool chemicals mercury, kerosene, gasoline and household batteries. Each household is limited to 100 pounds of materials.

Mandatory Recycling?

It's a ways off in Maui County today, but is definitely on the horizon. The first step is to have an efficient, cost-effective way to handle all the recyclables brought in. That's where the Materials Recovery Facility (MRF) comes in. Planning and financing for the building has been underway for over a year and now it's up to the community to make sure the thing is built and operated efficiently. You can help by notifying your Maui County council members that you support the MRF.

Yes, many recycling opportunities exist and many could be adopted right here on Maui. Just remember: There's no point in collecting a specific material if there is no market for it. The cost of collection, sorting, storage and shipping can turn a perfectly good, recyclable commodity into expensive trash. Talk to the Maui County Recycling Coordinator Hana Steel, or to Rick Woodford, president of Maui Recycling Service. Run your ideas by them. With their knowledge of the industry and its history on the island, you'll find attentive listeners who may be able to help your great idea become reality.



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RESIDENTIAL RECYCLING GUIDELINES FOR COUNTY DROPBOXES

	GLASS	ALUMINUM CANS & FOIL	PLASTIC BOTTLES with NECKS	PLASTIC BAGS	NEWSPAPER	CARDBOARD & PAPER BAGS
SAVE	ContainersJarsBottlesCeramicsPotteryMirrors	Aluminum cans Foil & trays Clean bakeware	Rinsed milk & juice jugs Jars with necks Bottles with necks Soda bottles	Plastic grocery bagsClean produce bagsDry cleaning bagsOther plastic bags	Newspapers, including inserts that come with the paper	 Corrugated boxes Boxboard Paper, egg cartons Cardboard rolls Paper bags, all colors, all sizes
PREPARE	 Discard lids & corks Rinse clean Labels need not be removed 	Rinse and flatten Make foil into ball Flatten trays	Discard all containers without necks Discard caps Empty, rinse, & dry STEP ON IT! Flat's where it's at!	 Empty Remove metal bottle tops and garbage Rinse and dry Put bags in one bag and tie 	 Remove rubber bands, plastic wrap and string Do not tie in a bundle 	PLEASE KOKUA! Break down, cut or flatten every size of box Remove plastic liner from cereal boxes, etc.
ION ION ION	NO: • Light bulbs • Fluorescents • Headlights • Windshields • Safety glass	NO: STEEL/TIN CANS in the Dropboxes (see listing on page6) Aerosol cans Paint cans Scrap metals	NO: Styrofoam, packing peanuts, food trays, shrink wrap Food or product residue Plastic eating utensils Styrofoam, surfboards, foam rubber Motor oil containers S-gallon buckets or jugs Bubble wrap Cereal box inserts Hard plastic, lawn furniture, toys		NO: • Telephone books • Magazines • Mixed paper • "Junk" mail • Office paper • Shredded paper • Books	NO: Unflattened boxes! Milk or juice cartons Wax-coated cardboard Food or product residue Styrofoam or other packing materials

Residential Recycling **Dropbox** Locations

Kahului - Central Landfill

MCC - off Wahine Pio Road on campus

Upcountry - behind Kalama Intermediate School

Haiku - Haiku Community Center

Kihei - Piilani Highway and Welakahao Road

Wailuku - Kahekili Highway and Makaala Drive

Landfills - Central, Hana, Molokai

Olowalu - 3 mi. south of Lahaina at Convenience Center

Molokai - Recycle Molokai: 553-3869

Lanai - call Lanai Waste Systems: 565-6478

Remove recyclables from the container you brought them in and recycle it too!

Full boxes, illegal dumping, or problems at Dropboxes should be reported to Maui Disposal: 242-7999.



We are Maui's #1 Directory "The Dolphin Phone Book"

We "green waste" recycle all old and unwanted phone directories.



Recycle your old phone books at:

330 Hukilike St. Kahului, HI 96732 or call 893-2209 for other locations. www.phonemaui.com



Maui Disposal Redemption Centers

- Lahaina Business Park
- Maui Community College
 Haiku Recycling Center
- Kihei Reycling Center
- Makawao Recycling Center
- Maui Disposal Office, Wailuku

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