

US EPA ARCHIVE DOCUMENT

Honolulu Food Recovery

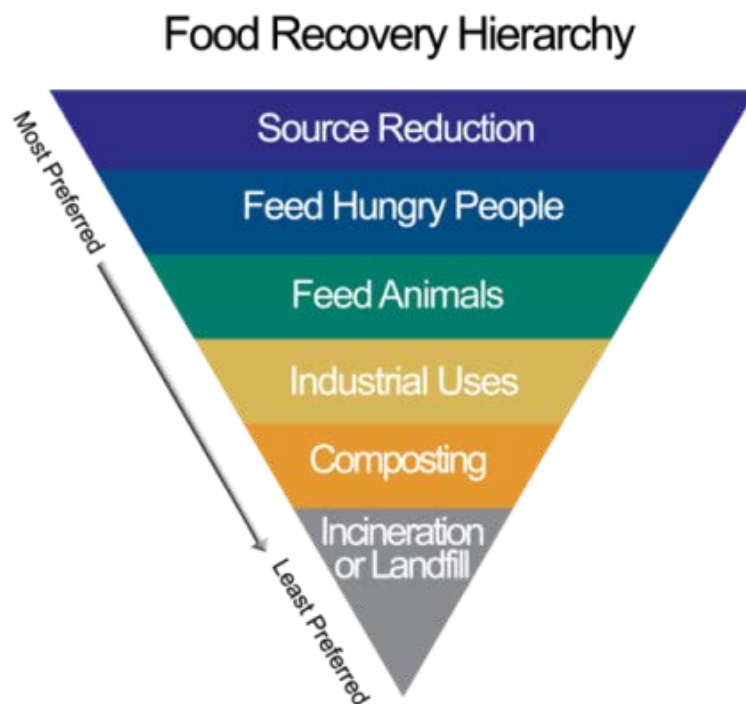
Links and Resources 2015

Learn about some food recovery alternatives in the Honolulu area. EPA's Food Recovery Hierarchy prioritizes these food waste strategies from most to least preferable.

1. Source Reduction

Source reduction is the strategy of preventing food from becoming waste in the first place. There are many resources available to tackle source reduction:

- **U.S. EPA Food Recovery Website:** <http://epa.gov/foodrecovery>
 - » [Food and Packaging Waste Prevention Tool \(spreadsheet\)](#): Tracks the amount and reasons specific foods are wasted.
 - » [Reducing Wasted Food & Packaging: A Guide for Food Services and Restaurants](#): Provides guidance on using the prevention tool assessment results to save money and reduce waste.
 - » [Food Waste Management Calculator \(spreadsheet or PDF\)](#): Estimates the cost competitiveness and savings of alternatives to food waste disposal, including source reduction, donation, composting, and recycling of yellow grease.
- **National Restaurant Association ConServe Program:** <http://conserve.restaurant.org/Learn/Reduce-Waste-Recycle>: Provides resources and tools to help restaurants through each step of a food waste reduction program; provides videos to accompany many of the EPA resources listed above.
- **Leanpath:** www.leanpath.com: Company assists foodservice operations in reducing food waste, website provides many free tools, videos and case studies.
- **City of Honolulu Department of Environmental Services Business Recycling Resources:** Peer Consultants: www.opala.org/solid_waste/Partnership_for_the_Environment.html; lists "peer consultants" who will offer free tours of their facilities and programs and how to plan similar programs; includes several restaurants and food preparers.



Honolulu City Ordinance, Chapter 9 - 3.5
(www.honolulu.gov/rep/site/ocs/roh/ROH_Chapter_9.pdf):

Hotels, restaurants, grocery stores, food courts, food manufacturers/processors and hospitals meeting specific size criteria defined by ordinance are required to recycle food waste, effective January 1, 1997.

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2. Feed Hungry People (Donations)

The resources below include national, regional and local organizations which take food donations in the Honolulu area. Most take non-perishables, and some accept surplus perishable foods. Be prepared to describe your donations in terms of packaging, preparation, frequency and type.

- **Aloha Harvest Food Rescue:** www.alohaharvest.org: Picks up and delivers perishable food the same day to feed the hungry.
 - » 3599 Waialae Ave No. 23, Honolulu, HI 96816; (808) 537-6945
 - » Criteria for food donations:
 - Verbal commitment
 - 5 lbs or more for pick up
 - Prepared in a certified kitchen
 - 24-hour notice
- **Food Pantries** - Many have varying or limited capabilities for storing food donations and therefore limit the types or timing of donations. It's often best to contact several to determine which can use your donations. Below are links to find local food pantries.
 - » **Ample Harvest:** www.ampleharvest.org/find-pantry.php
 - » **Food Pantries.org:** www.foodpantries.org/st/hawaii: The following food pantry may accept perishable donations:

The Good Samaritan Act was created to prevent good surplus food from going to waste by protecting donor companies from liability when donating to charitable organizations.

Highlights:

- Encourages the donation of surplus food.
- Protects all food and grocery donors who donate in good faith to a non-profit organization.
- Exceptions are noted for gross negligence.
- Provides protection for food and grocery products that meet all quality labeling standards imposed by federal, state and local laws and regulations.

Name	Contact	Hours
Salvation Army – Family Services Office	1931 North King Street Honolulu, HI 96819 (808) 841-5565	Wednesday & Friday: 1:30 - 3:30 pm Call to confirm

- **Rock and Wrap It Up!:** <http://rockandwrapitup.org>: Matches vetted charities with eligible donors of perishable food including entertainment venues, hotels, K-12 schools and colleges, sports teams, and hospitals. Offers the free “Whole Earth Calculator” to convert pounds of food to pounds of CO2 equivalent (CO2e); eventmobi.com/rwu1
- **Food Banks:** Regional food banks work with local food pantries, homeless shelters and other charities for food donation. While many food banks are unable to accept perishable and prepared food, they often work with donors to find perishable food options nearby. Listed below is the main food bank in the Honolulu area.

Donation Center	Location	Contact	Type of Food Accepted
Hawaii Food Bank	2611 Kilihau St Honolulu, HI 96819	(808) 836-3600 www.hawaiifoodbank.org	Non-perishables; sealed perishable foods, fresh produce. Cannot accept prepared foods, but will refer to agencies that can.

(1) LIABILITY OF PERSON OR GLEANER – A person or gleaner shall not be subject to civil or criminal liability arising from the nature, age, packaging, or condition of apparently wholesome food or an apparently fit grocery product that the person or gleaner donates in good faith to a nonprofit organization for ultimate distribution to needy individuals.

— Courtesy of the Bill Emerson Good Samaritan Act

3. Feed Animals

- **Pig/Hog Farms:** Large pig farms may accept food scraps. The Federal Swine Health Protection Act requires that food containing, or that comes in contact with meat or animal materials must be boiled before being fed to pigs. Consequently, many local pig farmers are primarily interested in single-stream fruits and vegetables or grain waste. Arrangements are often informal, and can be intermittent.

Organization	Service	Contact
University of Hawaii Swine Specialist	Connects interested businesses in Honolulu with pig farmers able to accept their food scraps.	(808) 956-7594
EcoFeed Inc.	Picks up and delivers food scraps to local pig farmers; contact for pricing	1059 Makepono Street, Honolulu 96819, (808) 841-5586

- **Spent Brewery Grain:** Spent brewery grain can be used as animal feed, primarily for cattle, but also for pigs, goats, fish and almost any livestock. Most breweries give the grain away to local farms. Manufacturers with single food waste streams can find local farms and ranches to donate their excess/by-product.

4. Industrial Uses

Fats, oils and grease, also known as FOG, can be converted to fuels and has various industrial uses. Honolulu area options and resources include:

- **Waste to Biogas Resources:** <http://epamap21.epa.gov/biogas/index.html>. Searchable database of local biogas facilities that may accept FOG or food waste. The City of Honolulu wastewater treatment plants do not currently accept FOG or food waste for co-digestion.
- **Pacific Biodiesel Logistics**
 - » Collects FOG throughout the Honolulu Area for biodiesel
 - » www.biodiesel.com/company/logistics; (808) 851-7117
- **Restaurants for Renewables:** www.restaurants4renewables.com; Community-based FOG recycling program; (808) 877-3144
- **Baker Commodities Inc./Island Commodities:** www.bakercommodities.com; Honolulu, (808) 682-5844; collects FOG



5. Food Scraps Composting

Composting turns food scraps into a nutrient-rich soil amendments and can be done on site in smaller amounts or on a larger scale at a municipal or commercial level.

- **Find a Composter:** www.findacomposter.com: Searchable database of local composting facilities that may accept food waste; results from January 2015 search are included in the table below.

Composting Facility	Location	Hours	Contact
Baker Commodities: <ul style="list-style-type: none"> • FOG collection and recycling • Composting of food waste 	Island Commodities 91-269 Olai St Kapolei, HI 96707-793	Scheduled collection	(808) 682-5844 www.bakercommodities.com/location-detail.php?d=11
Hawaiian Earth Products (Ecofeed does all the pick-ups; accepts pre-consumer fruit, veggies, grain; no food scraps)	Hawaiian Earth Products (Campbell) 91-400 Malakole Road Kapolei, HI 96707	Monday-Friday: 7:00 am to 3:30 pm Saturday: 7:00 am to 3:30 pm Sunday: Closed	Phone: (808) 682-5895 Fax: (808) 682-0762 http://www.menehunemagic.hawaii.com/locations.php

Honolulu Food Recovery Successes:

Kapiolani Community College uses commercial vermicomposting (worms) and specially designed and enclosed composting vessel for commercial food scraps. <http://culinary.kapiolani.hawaii.edu/sustainability/>

Kona Brewing has spent grains picked up by local farmers to feed cattle, with the remainder used as an ingredient in the pub's pizza and bread dough. They also send all kitchen scraps to local pig farmers and recycle all grease through local bio-fuel companies. <http://konabrewingco.com/sustainability-and-community/>

Foodland Super Market has 30 stores (23 Foodland, 7 Sack N Save) on four major islands, and annually diverts 900,000 pounds of meat and seafood from 19 Oahu stores for agricultural feed, 670,000 pounds of produce scraps from 14 stores for pig feed, 300,000 pounds of organic waste from 5 stores for organic fertilizer, and 45 tons of food for donations to the Hawaii Food Bank. http://www.opala.org/solid_waste/Partnership_Model_Programs.htm#foodland



For More Information:

EPA Food Waste website:
www.epa.gov/foodrecovery