



Harry Kim
Mayor

Wilfred M. Okabe
Managing Director

William A. Kucharski
Director

Diane A. Noda
Deputy Director

County of Hawai'i

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

345 Kekūanāo'a Street, Suite 41 • Hilo, Hawai'i 96720

(808) 961-8083 · Fax (808) 961-8086

<http://www.hawaiicounty.gov/environmental-management/>

March 22, 2018

NEWS RELEASE

What Happens To Scrap Tires

Over one million motor vehicle tires are imported into Hawai'i each year according to a fact sheet on the State of Hawai'i Department of Health's website entitled "How to Manage Your Scrap Tires". Consequently, a large number of scrap tires are generated when new tires are installed.

Hawai'i State law HRS 342I- Part II requires a tire retailer to charge a disposal fee for each new tire purchased, even if the customer chooses to keep the old tire. The intent of the law is to decrease the health risks from tires by reducing the number of scrap tires in the community. Scrap tires may collect water which can contribute to mosquito borne diseases or catch fire and create toxic smoke. County Code also prohibits disposal of tires in landfills or transfer stations.

It is estimated that more than 50% of scrap tires from the Island of Hawai'i are used to generate electricity in waste-to-energy plants or heat for industrial uses. Most scrap tires are utilized to generate energy on O'ahu, the US mainland and in foreign countries.

The United States Environmental Protection Agency's 2010 publication entitled "Scrap Tires: Handbook on Recycling Applications and Management for the U.S. and Mexico" states that 54 percent of scrap tires generated in 2007 were used as fuel and only about 17 percent were processed into ground rubber and utilized to make many creative products.

Scrap tires are also recycled to make a wide range of products that include recreational court surfaces, rubber mats, mulch, fill material, rubberized asphalt, traffic cones and even furniture. The County of Hawai'i's Department of Environmental Management used scrap tire crumbs as ground cover at some of the County's Recycling and Transfer Stations. The County is unaware of any current on-island producers of used tire content products.

Sources for more information:

Office of Solid Waste Management
Department of Health
State of Hawai'i
<http://health.hawaii.gov/shwb/solid-waste/>

Environmental Protection Agency (EPA)
United States
www.epa.gov

To find the document "Scrap Tires: Handbook on Recycling Applications and Management for the U.S. and Mexico" search for it at:
www.epa.gov/nscep

For information about recycling scrap tires on the Island of Hawai'i visit:
www.hawaiizerowaste.org/recycle/tires/



Bales of Hawai'i Island scrap tires ready for shipment.