



County of Maui Water Resource and Planning Division



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Spring 2012, The Maui Water Resource and Planning Division received the Hawai'i Green Business Program Award for outstanding efforts to reduce, reuse, recycle as well as promote other areas of sustainability. The Maui Water Resource and Planning Division is dedicated to providing permit and environmental reviews, regulatory compliance, planning information systems as well as water resource management and conservation. The Division also handles the responsibility to minimize the environmental impacts of the office while caring for the environment and community in which it operates.

Water & Energy Savings:

- The old toilets with at least 5 gallons per flush (gpf) were replaced with 1.28 gpf toilets
- Flow restrictors were installed on the existing bathroom and kitchen faucets which reduce the flow from 3 gallons per minute (gpm) to 1.0 and 1.5 gpm
- With the replacement of toilets with high efficiency ones and the installation of flow restrictors in faucets, the division was able to save 56% of its average water use
- Based on two years of water consumption data, usage went down from 16,000 gallons per billing period to 9,000 gallons which translates to 133.3 gallons per day
- The building has numerous windows that let in natural light which allows the department to reduce lighting costs

Xeriscaping & Efficient Irrigation:

- There is a demonstration garden outside of the building that is sloped with the native sea level plants at the bottom, the upper elevation native plants are placed at the top. Rainforest plants are spread throughout the garden
- The plants are arranged in a way to mimic a microcosm of the island as a whole
- The water source for the irrigation system is provided by AC condensate and roof water catchment. The power source for the pump is derived from one 60W solar panels and 12-volt deep cycle battery backup

Green Purchasing & Waste Reduction:

- Landscape waste is used for compost
- Lahaina Luna High School uses all the recycled shredded paper in the farm area for the animals as bedding
- The office is geared towards purchasing office supplies that contain recycled content, are energy efficient, and are non-toxic through purchasing products from designated vendors
- Ink cartridges are sent back to the vendors/manufacturers for recycling
- Office policy effectively reduces printing through the use of the size reduction feature, double-sided printing, and using electronic forms