



Giving Back to Our Community

In 2005, you will continue to see our familiar Waste Management logo as we support community groups and help with recycling and beach clean-up projects. We are proud of the role that Waste Management plays in the community and of the valuable service and economic benefits our company provides to the residents on Oahu, Hawaii and Kauai. Working as a partner, we hope to see opportunities for community partnership continue to grow. Waste Management of Hawaii also supports local organizations by participating in and coordinating services to the following:

- Neighborhood Boards*
- Elementary, Middle and High Schools*
- Community Groups*
- Environment*
- Youth Programs*

Waimanalo Gulch Sanitary Landfill
(808) 668-2985

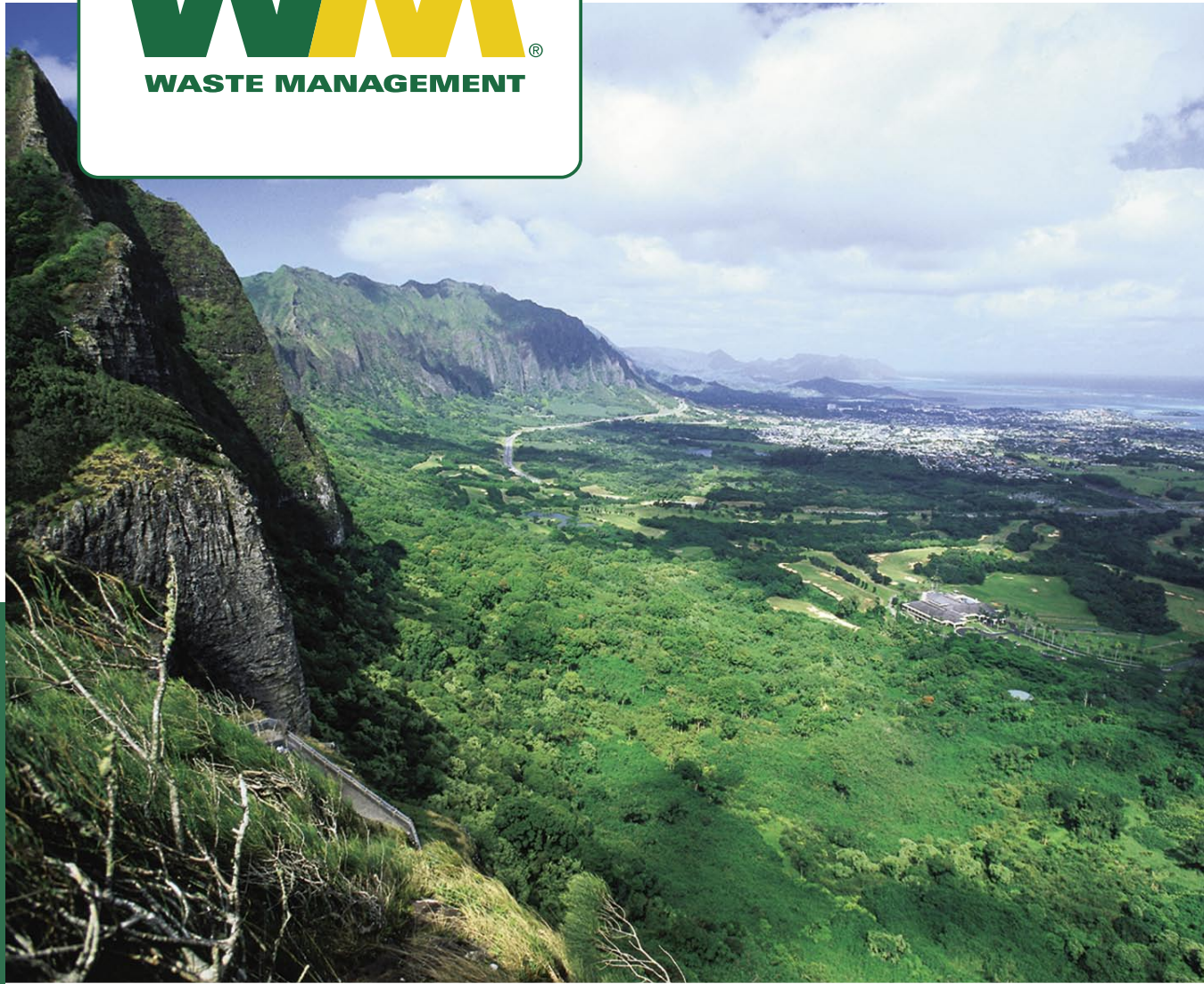
West Hawaii Sanitary Landfill
(808) 886-0940

Kekaha Sanitary Landfill
(808) 337-1416

Please Come See Our Operations

Waste Management of Hawaii works in conjunction with the City & County of Honolulu Refuse Division to conduct escorted tours of Oahu's waste management facilities.

For more information about available tours, contact the City's Refuse Division at (808)692-5410 or Waste Management of Hawaii - Community Affairs Manager at (808) 668-2985 ext. 21.



Keeping Hawaii Clean

Waste Management of Hawaii is a vital part of the fabric of Hawaii, offering convenient, economical disposal, while protecting our greatest asset, our natural resources. At our landfills, public health and environmental protection are our top priorities.

Waste Management is Committed to Hawaii



Think Green.SM



Paul Burns,

*Vice President & General Manager
Waste Management Hawaii:*

Paul Burns is responsible for operations at Waimanalo Gulch, West Hawaii and Kekaha Sanitary Landfills. Paul has been with Waste Management for more than 16 years, having worked as an engineer in Maine and New Hampshire before moving to the West Coast in 2000. His experience includes management of design, permitting and compliance activities for operating and closed landfills and transfer stations. On the West Coast, Paul was responsible for providing engineering support to six landfills, multiple transfer stations and hauling operations in California, Nevada and New Mexico. He also managed the permit expansion application process at several landfill sites.

Paul is keenly aware that he is first and foremost the environmental steward for our Hawaii operations. He is a graduate of the University of Maine at Orono and has a B.S. in Civil Engineering. He is a registered professional engineer, has participated in the development of numerous publications related to landfill design and is a member of the American Society of Civil Engineers.

“We appreciate the unique partnership Waste Management has with the local municipalities. Our goal is to operate landfills on Oahu, Hawaii and Kauai efficiently, safely, and at the same time, protect the environment and minimize the impact upon surrounding communities.”

Waste Management Supports Reuse, Recycling & Conservation

Although conservation, reuse, recycling and composting have reduced municipal waste, most of the waste we generate still ends up in landfills. At present, there are more than three thousand landfills in the United States. Many are modern well-engineered facilities that are located, designed, operated, monitored and financed to insure compliance with federal regulations. These regulations include: restrictions that require landfills to be located away from wetlands; flood plains and other restricted areas; clay reinforced liners; operating practices that reduce odor and control insects and rodents; and groundwater monitoring.

Recycling for a Better Tomorrow

As a partner in the community, Waste Management of Hawaii is committed to helping the communities we serve keep their environment clean through innovative recycling programs. Recycling is an easy way to protect our environment and ensure the well being of our community for generations to come. However, the success of recycling depends on the active participation of every member of the community. By participating, people will be reducing the amount of trash that is disposed in the landfill, encouraging the reuse of materials made from recycled products and continuing the recycling circle.



Environmental Programs

Waste Management of Hawaii prides itself on having one of the most comprehensive environmental programs in the nation.

Waste Management has an exemplary record of working with city, county, state and federal regulators. Our commitment to our communities' environmental and social health means that we are continuously working to operate our facilities in the safest way possible. We respect the sensitivity of the Hawaiian landscape and its delicate eco-systems.



Air Quality Controls

Due to the nature of landfills, dust suppression is an ongoing activity. In recent years, Waste Management has focused significant resources on state-of-the-art dust suppression techniques. We apply water on inactive areas and roads, and replant native vegetation on closed portions of the landfills. In a unique program, we grind asphalt from construction projects and reuse it on roadways within the landfill. Using ground asphalt instead of dirt roads generates far less dust as trucks drive throughout the landfill. Combined, these systems are effective in reducing dust at the landfill.



Leachate Collection and Removal System

State-of-the-art technologies prevent environmental contamination. One mechanism for ensuring environmental safety is a leachate collection system. Leachate is precipitation that lands upon open cells and percolates through them. Our leachate collection system removes this liquid from the cell so that it does not rest on the cell liner. The liquid is removed and treated.



Landfill Gas Collection

As solid waste decomposes, it produces landfill gas, of which 50% is methane. We install an active system to collect gas, to reduce the potential for offsite gas migration, minimize landfill gas emissions from the surface of our landfills, and to control potential odors. Landfill gas can be used to generate power for the local community.

Groundwater Quality Controls

To ensure the environment is protected, our landfills contain a composite liner of dense plastic and clay material that prevents liquids from seeping beneath the landfill. Monitoring wells make it possible for the landfill's professional staff to acquire important data about groundwater movement and quality. The wells are sampled to ensure the landfill is in compliance with state and federal requirements.



Waimanalo Gulch Sanitary Landfill Oahu

The Waimanalo Gulch Sanitary Landfill is owned by the City and County of Honolulu and operated under a contract with Waste Management of Hawaii. The site is approximately 200 acres – of which 78.9 have been in use since the landfill opened in 1989. Of this site, 64.5 acres are used for landfilling and 29 for administration. In 2002, a 14.9-acre expansion was approved for additional landfill capacity.

Each year on Oahu, roughly 1.6 million tons of waste is generated each year. Approximately 500,000 tons of reusable waste – including green waste, tires and concrete, are recycled through a variety of programs. H-Power, which is the City and County's waste-to-energy facility, processes 600,000 tons of waste. Another 200,000 tons are deposited into a private construction and demolition landfill. This leaves roughly 400,000 tons of waste a year that is brought to the City's Waimanalo Gulch Landfill, including 100,000 tons of ash per year generated by H-Power incineration.

In June, 2005 a gas collection and control system was installed. The wellfield captures methane gas from the landfill, sends it to the flare which burns it at 1,600 degrees. This \$1.5 million system also helps to mitigate odors.

By the end of 2005, the \$2 million construction of a new berm fronting the landfill will be complete. Berms are used as a windbreak, to improve aesthetics, and to reinforce the stability of a landfill. The new berm provides an additional safety factor to guard against catastrophic events (hurricanes, earthquakes) shifting material in the landfill.

Hours of Operation: 7 a.m. to 4:30 p.m. daily except for Christmas and New Year's Day.

West Hawaii Sanitary Landfill Hawaii

The County of Hawaii owns the West Hawaii Sanitary Landfill, which is operated under a contract with Waste Management of Hawaii. The site opened in 1993 and is approximately 300 acres - of which 149 acres are permitted for landfill activities.

The landfill accepts approximately 360 tons per day or 130,000 tons per year. Only 12 out of 22 transfer stations are hauled to the West Hawaii Sanitary Landfill. The remaining trash is sent to the Hilo Landfill, which is scheduled to close in early 2006. The current life of West Hawaii Sanitary Landfill is 55 years (based on current tonnage).

West Hawaii Sanitary Landfill is a Subtitle-D Landfill – lined with geomembrane and leachate collection system. Waste Management of Hawaii plans to install a gas collection and control system in 2006.

Located in the north Kona District near South Kohala, the landfill is in close proximity to Waikoloa. The landfill is open seven days a week, 7 a.m. to 4:30 p.m.

Kekaha Sanitary Landfill Kauai

After Hurricane Iniki, FEMA funded the construction of the Kekaha Sanitary Landfill, Phase II. The landfill opened in September 1993 on state land, leased to the County of Kauai. The landfill is owned by the County and was originally constructed by Hawaiian Dredging Company. Waste Management's contract with the County of Kauai is to manage the operations of the landfill by County employees. The County workforce consists of one supervisor and 14 employees.

This facility sits on 64 acres of land, of which 32 acres make up the footprint of the lined Subtitle-D landfill itself. Kekaha averages 230 tons per day and 88,000 tons per year.

The Kekaha Sanitary Landfill is open seven days a week, except for nine major holidays. Hours of operation: 7:00 a.m. - 5:00 p.m. Closed on New Year's Day, President's Day, Memorial Day, King Kamehameha Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

