



RESOURCE RECOVERY • KA'ŌHAO PROTOCOL

A partnership of Windward schools working cooperatively in the pursuit of waste reduction, soil restoration, and applied environmental education. All members participate annually in the U.S. EPA's Food Recovery Challenge and adhere to strict, safe, standardized operational procedures.

SUMMARY • MARCH 2017

Operations of the Windward Zero Waste School Hui in March were made possible by a grant from the **Harris Family Foundation of the Princeton Area Community Foundation**. Mr. and Mrs. Robert H. Harris from Hopewell, New Jersey, saw the Zero Waste Revolution video and were inspired to send a check! We are touched by the generosity of total strangers from far away, who recognize the value of our work and support our vision.

LANIKAI ELEMENTARY PUBLIC CHARTER SCHOOL

Start: January 2014 • Number of students: 330 • Annual food waste: 8 tons • Food waste collection: 100% cafeteria lunch, campus-wide snacks • Other: 98% HI-5 cans and bottles, green waste, paper, cardboard, mylar • Technologies: thermal composting, vermicomposting, bokashi

Food waste recovered: 1,892 pounds. The change in scale from small garden plots to a real working on-campus farm has electrified 6th grade students, who are spending every possible free moment with their crops of kale and cucumber. Several ag-based Science Fair projects have advanced to Regionals, and our amendments are proving superior to standard nutrient sources. An article on Lanikai's success entitled "Trash to Treasures" appeared in *Oahu InsideOut* magazine. (Online at www.insideouthawaii.com)

KA'ELEPULU ELEMENTARY

Start: August 2016 • Number of students: 201 • Annual food waste: 8 tons • Food waste collection: 100% cafeteria breakfast and lunch • Other: 100% HI-5 cans and bottles, green waste • Technologies: thermal composting

Food waste recovered: 1,999 pounds. The highlight of March at Ka'elepulu was the harvest of their very first compost pile, started August 17th, the day the waste audit was held. The supporting community showed up in force to help and celebrate, including representatives from the other Hui schools, Kupu leaders and staff, and UH Master Gardeners. Nearly three cubic yards were screened and boxed in under an hour. Principal Mr. Dela Cruz was amazed at the richness of the soil, praised the project, and encouraged further development. Congrats to all at Ka'elepulu! They continue to monitor the progress of HB1577, still alive, with one more committee to go.

KAINALU ELEMENTARY

Start: January 2017 • Number of students: 460 • Annual food waste: 18 tons • Food waste collection: 100% cafeteria breakfast and lunch • Other: 100% HI-5 cans and bottles • Technologies: thermal composting, vermicomposting

Food waste recovered: 3,379 pounds. Thirteen individuals have joined the Compost Club, and two have signed on as volunteers – the ohana expands. Kainalu received a request for two articles for *Kailua Beach Neighbors* magazine. Teacher Irene Yamashita entered a student video entitled "Kainalu's Black Gold" about composting and vermicomposting. It advances as one of three elementary finalists in the category Malama Honua in the Olelo Youth Xchange Video Contest. This category encourages students to share how they can inspire others to take care of our Island Earth. Way to go, Kainalu!

COMBINED MARCH 2017 TOTALS

Four-week period (less Spring Break) from February 27 through March 31, 2017. Includes 19 school days.

Total students participating daily: **991**

Total food waste recovered in March: **7,270 pounds**

2017 total to date: 20,254 pounds (10.13 tons)
