



RESOURCE RECOVERY • KA'OHĀO 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 • APRIL 2018

Garden Club of Honolulu Grant • After a vigorous campaign in a competitive field led by **Bubba Walker** and **Heidi Ho**, membership of the Garden Club of Honolulu voted overwhelmingly to fund an Resource Recovery Specialist apprenticeship position for two years, a \$30,000 commitment. This means that one of the several excellent applicants for the job will be able to start in August, enabling our expansion. We are very grateful for the generous support of the GCH, and look forward to their continued friendship and involvement.

Visit from Aloha+ Challenge • Hawaii Green Growth represented by **Breanna Rose** and her staff came to observe the lunch catch and impressive processing operation at Kainalu. They are developing the Aloha+ Challenge Dashboard, "an online open-data platform that tracks progress, provides accountability, and ensures transparency on Hawaii's 2030 sustainability goals." The Hui was asked to participate by providing on-going data on pounds of food waste diverted, pounds of compost produced, and revenue generated by recovered product sales. Can do! Kupu intern Cassandra Springer will coordinate and implement this effort for us.

Legislative action • After a stomach-wrenching rollercoaster ride for both our bills, once the dust settled after Conference Committee, SB 2928 (Farm to School funding) was dead and HB 2025 (composting in schools) made it through alive, with \$300,000 appropriated! It passed the final floor vote and awaits the signature of Governor Ige.

KA'OHĀO PUBLIC CHARTER SCHOOL

Start: January 2014 • Number of students: 330 • 2017 food waste: 7.74 tons • Food waste collection: 100% cafeteria lunch and campus-wide snacks • Other: HI-5 cans and bottles, green waste, paper, cardboard, mylar • Technologies: thermal composting, vermicomposting.

Food waste recovered: 1,922 pounds. Sixth graders initiated the Ka'oaho Farm Stand enterprise, selling campus-grown fruits and vegetables and vermicast. The mini-market is open to parents and the public every Monday after school.

KA'ELEPULU ELEMENTARY

Start: August 2016 • Number of students: 200 • 2017 food waste: 9.18 tons • Food waste collection: 100% cafeteria breakfast and lunch • Other: HI-5 cans and bottles, some green waste • Technologies: thermal composting, vermicomposting

Food waste recovered: 1,828 pounds. The dilapidated fence surrounding the garden has been torn down, with a row of ornamental trees planted for windbreak. Garden expansion and improvement projects are well underway.

KAINALU ELEMENTARY

Start: January 2017 • Number of students: 463 • 2017 food waste: 14.83 tons • Food waste collection: 100% cafeteria breakfast and lunch • Other: HI-5 cans and bottles • Technologies: thermal composting, vermicomposting

Food waste recovered: 3,224 pounds. A gray water system was installed between the containers at the MADA to accommodate the bucket-washing sink, still to come. Worm Alley was established by sheet mulching over the trench, relocating the original worm bin and adding a second bin. All food waste processing systems are now consolidated at one place.

COMBINED APRIL 2018 TOTALS

Four-week period from April 2 – April 27, 2018. Includes 20 school days.

Total students participating daily: Approx. 1,000.

Total food waste recovered in April: 6,974 pounds.

2018 total to date: 23,440 pounds (11.72 tons)