



## 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 • SEPTEMBER 2017

The highlight of September was receiving a grant of **\$75,000** (over three years) from the **Harold K. L. Castle Foundation**, a hard-won stamp of recognition and validation. The award specifically designates the Windward Zero Waste School Hui to develop a workforce of certified Resource Recovery Specialists trained to implement the Ka'ohao Protocol at Windward Oahu schools. Also in September, an additional **\$15,000** was awarded in support of the same effort by the **Ulupono Fund** of the **Hawaii Community Foundation**.

Resource Recovery operational procedures and protocols are proven and well-established. Our focus will now be on identifying and training a specialized corp of motivated, capable young people to meet the growing demand for responsible waste management in Hawaii's public schools. Future success lies in our ability to develop *people*, not just protocol. The Hui is grateful and honored to receive such prestigious support.

#### KA'ŌHAO ELEMENTARY PUBLIC CHARTER SCHOOL

Start: January 2014 • Number of students: 330 • Annual food waste: 8.5 tons • Food waste collection: 100% cafeteria lunch and campus-wide snacks • Other: 98% HI-5 cans and bottles, green waste, paper, cardboard, mylar • Technologies: thermal composting, vermicomposting, bokashi

Food waste recovered: 1,571 pounds. Funds were acquired to purchase and install a 20-foot container so that custodians could relocate their equipment from the cafeteria back room so that the dishwasher can be activated to eliminate single-use disposable food service items.

#### KA'ELEPULU ELEMENTARY

Start: August 2016 • Number of students: 201 • Annual food waste: 9.2 tons • Food waste collection: 100% cafeteria breakfast and lunch • Other: 100% HI-5 cans and bottles, some green waste • Technologies: thermal composting, vermicomposting

Food waste recovered: 1,790 pounds. Air Force Lieutenant Colonel **Dan Munter** – a parent volunteer – took charge of the struggling Ka'elepulu garden project and made it soar! All grade levels have a least one of the twelve new raised beds under cultivation. Well-managed hot composting and vermicomposting efforts steadily pump out quality goods at this amazing little school...

#### KAINALU ELEMENTARY

Start: January 2017 • Number of students: 463 • Annual food waste: 14 tons • Food waste collection: 100% cafeteria breakfast and lunch • Other: 100% HI-5 cans and bottles • Technologies: thermal composting, vermicomposting

Food waste recovered: 3,018 pounds. A 20' x 15' concrete slab – located next to the compost array and AINA garden – was funded and poured this month to become the foundation of the **Malama 'Aina Discovery Area**, the Hui's first official outdoor classroom. The school agreed to purchase a custom-made canopy to top it off so the MADA will be ready for use by the end of October.... Meet us at the MADA for exploration, learning, and fun!

#### COMBINED SEPTEMBER 2017 TOTALS

Four-week period from Sept. 4 through Sept. 29, 2017. Includes 19 school days.

Total students participating daily: **1,002**

Total food waste recovered in September: **6,379 pounds**

**2017 total to date: 46,919 pounds (23.5 tons)**