



# Kaho'olawe Island Reserve Commission

## 2. OLA I KE KAI O KANALOA

Ocean Resources Management Program

*Dec. 2015-Feb. 2016*

### DLNR/JTMD Grant

#### **Kanapou Marine Debris Clean Up**

● Through funding made possible from the Japan Tsunami Marine Debris (JTMD) routed through the office of the DLNR chairperson, the Ocean Program coordinated a four day debris clean up and removal project in Kanapou, Keoneuli. The event took place from Dec. 1-Dec. 4 and involved nine volunteers and three staff members. A total of nearly 3 (2.75) tons of debris was collected, sorted, secured in netting and flown off Kaho'olawe. With the assistance of contractors and staff on Maui, the debris was received and placed into hauling containers and taken to the land fill and recycling center.



**Top Left: Helicopter lifts ~1.5 tons of debris for transport back to Maui.  
Top Rt: Volunteers Leihia and Brad get creative in transporting debris across the beach to aggregation site.**

**Bottom Left: one of two nets prepped for helo lift.**

**Bottom Rt: Super volunteer Eddie Wine**





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#### On Island Surveys

##### **HCF Grant:**

● In December the final access for the HCF II grant was made to Kaho'olawe with two dives conducted toward the removal efforts of non-native invasive fish. The results of the 12 month grant for fish removal were 533 individual fish being removed, totaling 587.5 pounds, exceeding the target weight by nearly 100 pounds.

##### **Coastal Monitoring:**

● The coast line from Laepakī to Honokanai'a was hiked to survey for the presence/absence of the monk seal pup (G34) that was tagged in Nov. as well as to document any major coastal changes/disturbances over time. No evidence of the monk seal was found.

##### **Mooring Installation/Removal & R.O. Intake Maintenance:**

● In preparation for the arrival of the 97' sailing vessel Makani Olu, two moorings were set, one on the old navy anchors ("The Can") and the other on the 5 ton block. Both moorings are in approximately 25-27 feet of water and were removed a week later., staff took the time to inspect and clean the intake of the reverse osmosis (R.O.) of bio-fouling at the same time. All operations were conducted with scuba.

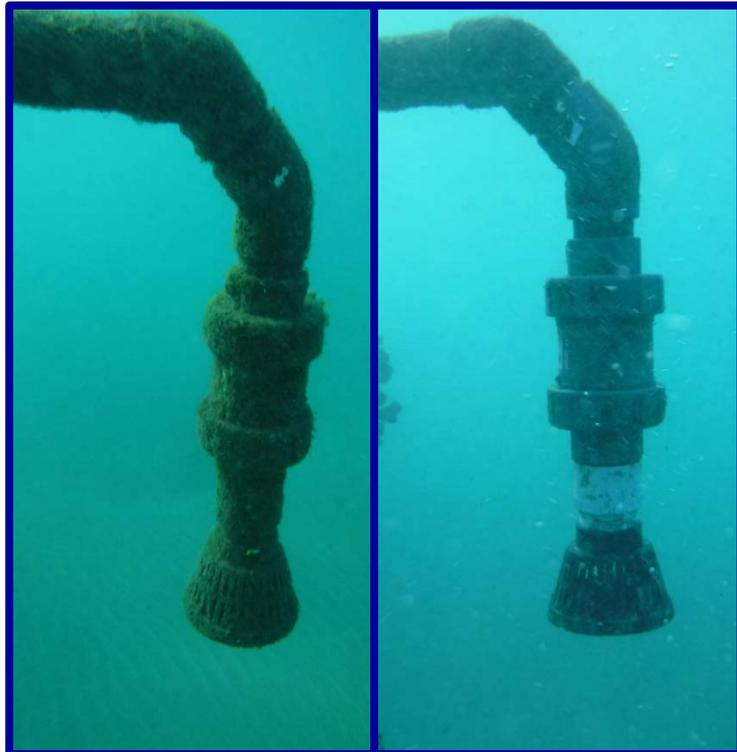
##### **Permitted Trolling Vessel**

##### **Registration**

● At the end of February there were 64 vessels registered with the KIRC for permitted trolling within the Reserve during designated weekends. This number is compared to 50 vessels at the same time last year. Compliance with submittal of catch reports has also increased.



**Top: Eddie proudly displays his catch of a Roi. Recruits to adults are targeted of all the invasive species.**



**Above Left: The RO intake before cleaning, covered in bio-fouling.**

**Above Rt.: After cleaning and removal of bio-fouling.**