



2017 PONC Progress and Spending Report
Hawai'i Wildlife Fund
Jan 2017 – July 2018

Re: 2017 PONC Grant for Hawai'i County (# C.006636)

Project Name: Kāwā Estuary and Shoreline Conservation

Grant Duration: Feb 1, 2018 – Dec 31, 2018 (final report due Sept 2019)

Progress Report Covers: Feb 1, 2017 – July 31, 2018

Budget Report Covers: Jan 1, 2017 – July 31, 2018

Area: TMK (3) 9-5-016:030 and TMK (3) 9-5-016:006

Submitted: 20 August 2018

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Executive Summary:

Hawai'i Wildlife Fund (HWF) has incurred numerous delays to our proposed timeline to conduct estuary restoration work at Kāwā from February to December 2017. This included postponement of workdays due to renewing / amending necessary state and county permits, as well as delays in receiving final approval and notification to proceed from PONC team members, and also some technical issues with the newly purchased hand-held water quality monitoring device (which has been sent back to the manufacturer on 3 occasions). These delays led to the submission of a revised timeline (April 2017 to December 2018) with the four community workdays being hosted by August 2018, and the final report to be submitted in September 2019.

Despite these lengthy delays, HWF has been able to meet most of the deliverables as planned with the 2017 PONC application (including hosting 9 restoration workdays, and collaborating with the County and other non-profit organizations who are working along this shoreline). During these efforts, over **243 participants (111 kids) helped to remove a total of 1,135 lbs. of marine debris and ~1,500 lbs. of invasive plant species (2 truckloads)** from along the periphery of the fishpond and adjacent shoreline. During the coming months, we hope to proceed with our plans to finalize, print, and install the informational signage related to hawksbill sea turtles. In addition, we will continue to coordinate and collaborate with County and other NGO groups as needed to help protect the native species and natural resources at Kāwā.

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During this 18-month reporting period, HWF staff and volunteers have conducted the following:

PERMITTING / PLANNING WORK:

- Apr 2017: Three HWF staff participated / passed American Red Cross Lifeguard, CPR, and First Aid training and certification (Megan Lamson, Stacey Breining, Nohea Ka'awa).
- Apr 2017: Reached out to COH Planning Department to amend current Special Management Area Minor Permit (SMM 14-000309) to allow for solarization efforts to reduce invasive plant species around the estuary at Kāwā.
- June 2017: Received SMM 14-000309 amendment and approval for solarization work (COH).
- Aug 2017: Replied to inquiry by Kittrena Morgan (kawaabel@gmail.com) to Department of Land and Natural Resources (DLNR) with false allegations about HWF activities at Kāwā.
- Sept 2017: Reached out to state DLNR Office of Conservation and Coastal Lands (OCCL) about renewing and amending the Special Permit Area (SPA HA-14-38) that was granted in 2014.
- Oct 2017: Hosted a site visit and meeting with DLNR Office of Conservation and Coastal Lands staff to discuss ongoing restoration efforts and necessary permit requirements. HWF invited other NGOs to participate, including Nā Mamo o Kāwā "NMOK" (James Akau and Kauī Kaupu) and Hawaii Island Hawksbill Turtle Recovery Project "HIHTRP" (Lauren Kurpita).
- Jan 2018: Applied to DLNR OCCL to renew SPA HA-14-38 without the use of solarization.
- Feb 2018: Permit received from state to continue work at Kāwā (see above from Jan 2018).
- June 2018: Coordinated with Patrick Ching about hawksbill sea turtle informational signage for Kāwā and other Hawai'i County sites.

ENVIRONMENTAL EDUCATION AND RESTORATION WORK:

- Jan 2017: Purchased a hand-held YSI water-quality monitoring device with probes to measure temperature, conductivity, pressure, salinity, pH and the amount of available dissolved oxygen.
- Mar 2017 (workday #1): HWF hosted a coastal ecosystems workday and beach cleanup with 5th graders from Pahala Elementary and students from Hawai'i Community College (17 participants, 15 kids, 100 lbs. of marine debris removed).
- Apr 2017 (workday #2): HWF hosted a coastal ecosystems workday and beach cleanup with 6th graders from Na Wai Ola and students from Hawai'i Community College (22 participants, 13 kids, 308 lbs. of marine debris removed).
- July 2017 (workday #3): HWF led youth with the Imi Pono No Ka 'Āina program on a coastal ecosystems education and shoreline workday (17 participants, 13 kids, 84 lbs. removed)
- Oct 2017 (workday #4): HWF, NMOK and HIHTRP lead an environmental education workday with Volcano School of Arts and Science middle school students (including a beach cleanup event with 40 lbs. of debris removed by 24 people, 20 kids).
- Nov 2017 – Jan 2018: HWF team members coordinated to participate in 3 workdays in concert with COH Parks and Recreation to cut trails at Kāwā in order to manage / control the invasion of Little Fire Ants (two of the three were postponed / rescheduled).
- Sept 2017: Two HWF team members go to Kāwā to conduct water quality and fish surveys, dissolved oxygen meter malfunctioning and needs to be repaired by manufacturer.
- Jan 2018 (workday #5): Two HWF team members helped COH with trail cutting for LFA work, and one HWF team member participated in NMOK's first monthly restoration workday for 2018, where 26 participants, 20 kids, and 100 lbs. of debris were removed. YSI malfunctioned again and no water quality data collected.
- Feb 2018 (workday #6): HWF and NMOK co-hosted a restoration workday at Kāwā (estimated at 25 participants, 4 kids, 80 lbs. marine debris removed).
- June 2018 (workday #7): HWF coordinated a coastal restoration workday with Imi Pono No Ka 'Āina youth group (18 participants, 11 kids, 336 lbs. debris removed). NMOK joined HWF efforts.

- July 2018 (workdays #8 and #9): HWF coordinated two restoration workdays with visiting National Geographic Student Collective high school students and IPNKA youth group (94 participants, 45 kids, 87 lbs. marine debris removed, 1,500 lbs. invasive paspalum and California grass removed in two truckloads). NMOK members also participated in both workdays, and HIHTRP in one workday. Water quality data collected during the second workday.

*In total, HWF team members hosted (or co-hosted) a total of 9 restoration workdays over this 18-month reporting period, including 7 shoreline cleanups and 2 estuary / shoreline cleanup workdays. During these efforts, **243 participants (111 kids) helped to remove a total of 1,135 lbs. of trash and ~1,500 lbs. of invasive plant species (2 truckloads)** from along the periphery of the fishpond.*

NEXT STEPS:

- Follow-up with COH Planning about permitting required to install hawksbill turtle signage. The last meeting took place with HWF and former COH Parks & Recreation Director, Clayton Honma in April 2016.
- Finalize, print, and install hawksbill turtle signage at Kāwā (and perhaps at other appropriate County properties like Waipio Lookout and Punalu'u).
- Continue conducting water quality and fish survey assessments in Kāwā estuary, whenever possible (planning for at least two more by the end of 2018).
- Continue to support COH, NMOK, and HIHTRP efforts to restore and conserve native resources at Kāwā (as needed and as HWF resources allow).

PARTNERS ENGAGED AND INVOLVED:

- Imi Pono No Ka 'Āina (a program within Three Mountain Alliance)
- National Geographic Student Collective
- Nā Mamo O Kāwā (NMOK) and they brought:
 - o Pa'a Pono Miloli'i
 - o Volcano School of Arts and Science
- Hawaii Island Hawksbill Turtle Recovery Project (HITRP)
- DLNR Department of Forestry and Wildlife (DOFAW)
- DLNR Office of Conservation and Coastal Lands (OCCL)
- Ka 'Ohana O Honu'apo
- Hui Loko (a network within the statewide Hui Mālama Loko I'a group)
- Various kuleana family members
- COH Parks and Recreation
- *Schools involved:* Hawai'i Community College, Na Wai Ola, Volcano School of Arts and Sciences, Pahala Elementary

INTERIM BUDGET REPORT:

Jan-17 to Jun-18

COUNTY		Proposed Budget	% Proposed	Expenditures (through 7/18)	% Expenditures (through 7/18)
PONC	supplies	3750	28.41%	\$1,800.61	28.06%
	equip	1850	14.02%	\$3,214.90	50.10%
	travel	2000	15.15%	\$600.00	9.35%
	other*	800	6.06%	\$802.08	12.50%
	signage	<u>4800</u>	<u>36.36%</u>	<u>\$0.00</u>	<u>0.00%</u>
	Subtotal (COH)	\$13,200.00	100.00%	\$6,417.59	100.00%
MATCH (HWF)	personnel	4320	18.35%	\$2,142.00	8.37%
	fringe	0	0.00%	\$321.30	1.26%
	contractual	5040	21.41%	\$1,344.00	5.25%
	other (volunteers**)	<u>14184.64</u>	60.25%	<u>\$21,792.00</u>	<u>85.13%</u>
	Subtotal (HWF)	\$23,544.64	100.00%	\$25,599.30	100.00%
	TOTAL	\$36,744.64		\$32,016.89	
	County funds remaining	\$6,782.41			
	Cash in hand	\$182.41			

* Lifeguard certification fees. ** 227 volunteers x 4 hours / day x \$24.00 / hr.

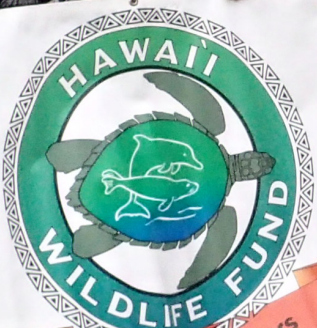
All receipts for supplies, equipment, travel, and “other items” are available upon request.

For the County portion: Supplies included any fieldwork supplies necessary for conducting work, including: YSI calibration supplies, snacks and drinks for workday events, and volunteer giveaways including re-usable water bottles and rashguards. Equipment was the purchase of a hand-held YSI Professional Pro meter and probes to measure pH, temperature, dissolved oxygen, conductivity, and salinity. Travel costs included ten trips to Kāwā estimated at \$60 per trip (\$1.00 / mi from Volcano to Kāwā). Other was the cost of lifeguard certification for three HWF staff. Future supply purchases will include tabi water shoes, more rashguards, any expenditures to order, print, and install turtle signs, and travel costs. No expenditures have been made yet concerning the educational signage (aside from labor in coordination with designer / artist).

For the Match (HWF) portion: Costs included two HWF staff, and hiring up to two additional fieldwork technicians to help coordinate workday events, LFA work, volunteer management, supply purchases, lifeguard certification time, etc. Fringe was estimated at 15% of the total wages paid to staff (not contractual laborers). Other was the total value of volunteer time based on a 4-hr workday and \$24.00 / hr (based on last year’s rate for Hawai’i volunteers from independentsector.org).







1996

Celebrating 20 years
of Conservation

2016