

Executive Director's Report

*Kaho'olawe Island Reserve Commission Meeting
November 9, 2022*

Budget, Finance, and Funding

FY23 Expenditure Report and Budget Variance: See attached.

Plans, Policies and Procedures

Long-range Scheduling: See the attached long-range schedule.

Administration, Staffing and Personnel

Commissioner Status Update: The following KIRC Commissioners' current terms will be expiring by the end of FY23. See also attached Commissioner Terms:

Commissioner Case (DLNR Seat): Term expires December 30, 2022, with the departure of the current administration.

Commissioner Lindsey (OHA Seat): Term expires June 30, 2023. This will be the completion of a second term and will be term limited.

Commissioner Mataafa (Maui Seat): Term expires June 30, 2023. This is the completion of a first term and still able to reappointment for a second term.

Commissioner Kaakua (PKO Seat): Term expires June 30, 2023. This will be the completion of a second term and will be term limited.

KIRC Staff Status Update:

Ocean Program: The Ocean Program filled two Ocean Resource Specialist II (ORS II) positions. Filling the first general funded position is Caroline Sabharwal. Caroline is originally from Kentucky and has been a resident of Maui for the last seven years. She has a degree in biology from Denison University in Ohio and is a graduate of the University of Hawai'i, Maui Campus Marine Option Programs (MOP). She is a certified scientific diver through the UH Scientific Diver Qualification programs.

The second ORS II position is being funded by the CWC grant for two-years and is filled by Christina Wine. Christina is from Wailuku, Maui. Christina has a degree in Marine Science from the University of Hawai'i at Hilo and has also completed the UHMC MOP Program, UH's Quantitative Underwater Ecological Surveying Techniques (QUEST) program and is also a UH certified scientific diver.

New Staff Positions: Act 248 SLH 2022 also authorized a second full-time generally funded position in addition to the Cultural Resource Specialist III. Staff is in the process of redescribing the Reserve Operations Manager to oversee the Reserve Operations Program including boat operations, base camp contract management, supply, logistics and safety.

Capital Improvement, Reserve Operations and Logistics

Status of On-island Freshwater System: The on-island freshwater system uses a seawater intake line to pump saltwater into an on shore holding tank and then uses a reverse osmosis (RO) unit to extract fresh water from the seawater. This year, the freshwater system was hit with two major challenges. The first, from earlier in the year, was the failure of the high-pressure pump within the RO unit. The high-pressure pump forces the seawater through permeable membranes that only allow freshwater to pass. KIRC and Base Camp staff ran into supply chain issues in replacing the pump and eventually was able to contact the owner of the company to custom build a new pump for the KIRC. Base Camp staff have installed the new pump but have not been able to completely test its capabilities due to damage to the seawater intake line.

The seawater intake line consists of a 300-foot, two-inch pipe that is attached to an intake pipe fastened to a large metal anchor system built from bulldozer roll cage. This summer, the south-facing base camp was hit with enormous south swells that actually ripped the shoreside seawater tanks and pumps from its base and tore the seawater intake anchor and washed it ashore. Without a seawater intake line, we are not able to pump seawater to convert to fresh drinking water for camp use.

Since September, water has been trucked from water catchments in Luamakika back to Honokanai'a. The water is run through the RO unit and chlorinated to clean any residual contaminants and to kill any micro-organisms, then pumped into base camp freshwater holding tanks. The current process is extremely labor intensive and requires a four-hour drive to get the water truck up to Luamakika and back to camp. Until the seawater system is repaired, freshwater use in Honokanai'a is restricted.

Staff is currently planning to attach new piping to the currently kinked pipe, move the intake cage and a new concrete weight block back out to sea to get the seawater system up and running. Staff planned to start the work in October, but problems with the KIRC landing craft, 'Ōhua is delaying repairs until the November access.

'Ōhua Repair Status: Recently, the KIRC landing craft, 'Ōhua has been having jet drive problems with its drive shaft and water seals which has been causing excess vibration in the engines. The October access and part of the November access were canceled while the jet drive repair tech assessed the problem. Staff is currently waiting for replacement parts and for the availability of the repair tech on November 11 to make all repairs and bring the 'Ōhua back to full operational status.

Base Camp CIP Projects: Act 248 SLH 2022 also authorized \$500,000 in CIP funding for on-island base camp improvements. Staff is currently working on a list of projects for a CIP construction solicitation that would include the following improvements:

- New roofing on all camp buildings except for Hut 10, the dining hall and the galley that have been recently replaced. This project will include gutters and relocating water tanks currently on island to expand the rainwater catchment system in camp.
- Replacement of the current freshwater distribution piping system in camp. The current piping is a mishmash of various piping sizes which were added on as the camp was built and expanded. All old piping will be replaced with standard piping and valves.

- Replacement of current camp boardwalks with a rot resistant, composite-based material. The current boardwalk has been deteriorating for years and has become a trip hazard.
- Replacement of current window-mounted air-conditioners and heat pumps. Current window AC units are in the KIRC and Base Camp staff huts. These would be replaced with wall-mounted, high efficiency split AC units that are properly sized for the buildings and located to maximize efficiency. These wall units would be tied to high efficiency heat pumps that would significantly reduce energy consumption.
- Replacement of the LZ-1 shelter. The current shelter would either be replaced with a new shelter, or an additional shelter would be installed at LZ-1 for volunteer use. The current shelter was built in the later '80's and is severely deteriorating. The shelter is used by volunteers and the PKO to escape the sun during their lunch breaks as well as to store water for PKO volunteers on their hikes to Pu'u 'O Moa'ula Iki.

KIRC Calendar FY 2022

	Holidays/Events	Base Camp	Ocean	Operations	Restoration	Culture	PKO	Other KIRC Base	Comments
3-MONTHS	November 2022								
	31-Oct	6-Nov				Four Season (12) F-M	Trilogy Sail (Sa)	Opening Makahiki (F-Tu)	Maggie
	7-Nov	13-Nov	Election Day, Tue Nov 8	Helo Extract (F)	Staff (3)	MOC (12) PWF (5) M-Th	Dive overnighiter	Ala Loa - Ahupu (Th-Su)	Lyman
	14-Nov	20-Nov							DARK
	21-Nov	27-Nov	Thanksgiving, Thu Nov 24						DARK
	December 2022								
	28-Nov	4-Dec							DARK
	5-Dec	11-Dec		Mob (W)		Lahainaluna (12) F-M		Hakioawa (Th-Su)	Jamie
	12-Dec	18-Dec		Helo Extract (F)	Staff (3)	KS Kapalama Art (12), Kanapou (6) M-Th			Matt
	19-Dec	25-Dec							DARK
26-Dec	1-Jan	Christmas Obs, Mon Dec 26						DARK	
January 2023									
2-Jan	8-Jan	New Years Obs, Mon Jan 2					Hakioawa (Th-Su)		DARK
9-Jan	15-Jan		Mob (W)		Mo'olono Access (12) F-M			Dean	
16-Jan	22-Jan	MLK Day, Mon Jan 16	Helo Extract (F)	Staff (3)	BioChar (12) IC (1) M-Th			Carmela	
23-Jan	29-Jan							DARK	
February 2023									
30-Jan	5-Feb							DARK	
6-Feb	12-Feb							DARK	
13-Feb	19-Feb		Mob (W)		Na Koa Sailing Canoe (12) F-M	Photog (4) F-M	Closing Makahiki (W-M)	Maggie	
20-Feb	26-Feb	President, Mon Feb 20	Helo Extract (F)	Staff (3)	Kapa Sun Gear (12) M-Th			Lyman	
March 2023									
27-Feb	5-Mar							DARK	
6-Mar	12-Mar		Mob (W)		Waldorf (12) F-M			Jamie	
13-Mar	19-Mar	DOE Spring Break	Helo Extract (F)	Staff (3)	UH Geophysic (12) NOAA (4) M-Th			Matt	
20-Mar	26-Mar				Nalu Studies (15) Tu-F		Hakioawa (Th-M)	DARK	
27-Mar	2-Apr	Kuhio, Mon Mar 27						DARK	
April 2023									
3-Apr	9-Apr	Good Friday, Fri Apr 7						DARK	
10-Apr	16-Apr							DARK	
17-Apr	23-Apr		Mob (W)	Staff (3)	King Kekaulike Facility (12) F-M		Hakioawa (Th-Su)		
24-Apr	30-Apr		Helo Extract (F)		Musician (12) M-Th				
May 2023									
1-May	7-May							DARK	
8-May	#####		Mob (W)	Staff (3)	Ka Ipu Kukui (15) F-M				
#####	#####		Helo Extract (F)		House Legs (15) M- Th				
#####	#####						Hakioawa (Th-M)	DARK	
#####	4-Jun	Memorial, Mon May 29						DARK	
June 2023									
5-Jun	11-Jun							DARK	
12-Jun	18-Jun	Kamehameha, Mon Jun 12		Staff (3)	Wailuku Troop 40 (15) F-M				
19-Jun	25-Jun				Ke Ala Polohiwa (8) Reed (6) M-Th		HCC (Th-Su)		
26-Jun	2-Jul							DARK	
July 2023									
3-Jul	9-Jul	Independence, Tue Jul 4						DARK	
10-Jul	16-Jul		Mob (W)		Wailea CC (15) F-M		Hakioawa (Th-Su)		
17-Jul	23-Jul		Helo Extract (F)	Staff (3)	Grace Bible (15) M-Th				
24-Jul	30-Jul							DARK	
August 2023									
31-Jul	6-Aug		Mob (W)		KPHLL (15) F-M				
7-Aug	13-Aug		Helo Extract (F)	Staff(3)	WCC (15) F-M				
14-Aug	20-Aug	Statehood, Fri Aug 18					Hakioawa (Th-Su)		
21-Aug	27-Aug								
September 2023									
28-Aug	3-Sep								
4-Sep	10-Sep	Labor Day, Mon Sep 4							
11-Sep	17-Sep		Mob (W)		Lomi (15) F-M		Hakioawa (Th-Su)		
18-Sep	24-Sep		Helo Extract (F)		HILT (15)				
25-Sep	1-Oct								
October 2023									
2-Oct	8-Oct		Mob (W)	Staff (3)	Lanikai Brew (15) F-M				
9-Oct	15-Oct		Helo Extract (F)		Kaholokalani (12) M-Th				
16-Oct	22-Oct								
23-Oct	29-Oct								
30-Oct	5-Nov								
November 2023									
6-Nov	12-Nov	Veteran's, Fri Nov 10							
13-Nov	19-Nov								
20-Nov	26-Nov	Thanksgiving, Thu Nov 23							
27-Nov	3-Dec								
4-Dec	10-Dec								



KŪKULU KE EA A KANALOĀ
KAHO‘OLAWE ISLAND RESERVE COMMISSION

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Website: <http://kahoolawe.hawaii.gov>

COMMISSION MEMBERS

JOSHUA KAAKUA, Ed.D
Chairperson
CARMEN HULU LINDSEY
Vice-Chair

SUZANNE CASE
‘ĀNELA EVANS
SAUMALU MATAAFA
BENTON KEALII PANG, Ph.D
MICHELLE PESCAIA

Michael K. Nāho‘opi‘i
Executive Director

COMMISSION MEMBERS and TERMS

1. **JOSHUA KAAKUA, Ed.D., Chairperson**
Protect Kaho‘olawe ‘Ohana
Term expires June 30, 2023 (Started July 1, 2015)
2. **SUZANNE CASE**
Department of Land and Natural Resources, Chairperson
Term expires December 31, 2022
3. **‘ĀNELA EVANS**
Protect Kaho‘olawe ‘Ohana
Term expires June 30, 2024 (Started July 1, 2021)
4. **BENTON KEALII PANG, Ph.D.**
Native Hawaiian Organizations (*Hawaiian Civic Club of Honolulu*)
Term expires June 30, 2024 (Started July 1, 2021)
5. **CARMEN HULU LINDSEY, Vice-Chair**
Office of Hawaiian Affairs
Term expires June 30, 2023 (Started July 1, 2015)
6. **SAUMALU MATAAFA**
Maui County
Term expires June 30, 2023 (Started July 1, 2019)
7. **MICHELLE MIKIALA PESCAIA**
Protect Kaho‘olawe ‘Ohana
Term expires June 30, 2025 (2nd term; 1st term ended 6/30/2021; 2nd term started 7/1/2021)

Kaho'olawe Island Reserve Commission

Executive Director

Administration Program

- Administrative Officer
- Commission Coordinator
- GIS/LAN Specialist
- Admin Specialist III

Volunteer Coordinator

Public Information Specialist

Cultural Program

Culture Resources Program Coordinator

Ocean Program

- Ocean Resources Specialist III
- Ocean Resources Specialist II
- Ocean Resources Specialist II

Restoration Program

- Natural Resources Specialist V
- Natural Resources Specialist III
- Natural Resources Specialist III

Operations Program

- Reserve Ops Manager
- Maintenance and Vessel Operator
- Logistic Specialist
- KIR Specialist II

- Positions Filled Act 49 SH2017
- Position from Act 248 SLH 2022
- Grant Funded

GRANT STATUS UPDATE

Kaho'olawe Island Reserve Commission (Updated October 15, 2022)

STATE FUNDED PROJECTS

IN PROGRESS:

Project: Hakioawa Watershed DOH 5 - Operations and Maintenance
Funder: Hawai'i State Department of Health
Term: 3/29/2021 - 9/30/2022 (\$80,665.12)
Notes: Grant term has ended

UNDER REVIEW:

Project: Reducing Excessive Sedimentation and Habitat Restoration in the Kamōhio Watershed of Kaho'olawe
Funder: Hawai'i State Department of Health
Term: 3 years
Notes: Plan was approved by DOH



GRANT FUNDED PROJECTS

IN PROGRESS:

Project: Marine Debris Removal from Kanapou on Kaho'olawe
Funder: NOAA / NFWF / Fishing for Energy 2019 Initiative
Term: 10/1/2019 - 12/30/2022 (\$76,025)
Notes: Final project activities scheduled for end of 2022

Project: Coastal and Upland Wetland Restoration on Kahoolawe, HI
Funder: NAWCA U.S. Small Grants
Term: July 2021 - August 2023 (\$100,000)
Notes: Work is continuing in project areas

Project: KIRC Live-Stream and VR Expedition Project
Funder: IMLS, Native American/Native Hawaiian Museum Services
Term: August 2021 - July 2023 (\$98,405)
Notes: Web page development in progress

Project: Coastal Wetland Enhancement in Honokanai'a
Funder: USFWS National Coastal Wetlands Restoration Program
Term: January 2022 - December 2024 (~\$355,531)
Notes: Work has begun in the project area

Project: Spreading Aloha 'Āina through Community Engagement
Funder: HTA Aloha 'Āina Program
Term: January 2022 - December 2022 (\$40,000)
Notes: Funded at half the request

Project: Going Mobile: Upgrading the Technological Infrastructure of Kaho'olawe Island Reserve Commission
Funder: IMLS, Native American/Native Hawaiian Museum Services
Term: July 2022 - June 2024 (\$99,042)
Notes: Project funds hardware upgrade for KIRC offices

GRANT APPLICATIONS

SUBMITTED / UNDER REVIEW:

Project: Feral Cat Eradication
Funder: America the Beautiful Program (NFWF)
Term: January 2023 - December 2026 (~\$4 million)
Notes: Submitted 7/21/22

Project: Wetland Enhancement in the Hakioawa Watershed
Funder: North American Wetland Conservation Act (NAWCA) U.S. Standard Grant program
Term: January 2023 - December 2026 (\$614,190)
Notes: Submitted 7/8/22

Project: Wetland and Upland Dryland Forest Habitat Enhancement in the Hakioawa Watershed
Funder: North American Wetland Conservation Act (NAWCA) U.S. Small Grants program
Term: June 2023 - May 2025 (\$99,990)
Notes: Submitted 10/13/22

IN PROGRESS:

Project: Kilo App Development
Funder: Institute of Museum and Library Sciences - Native American Native Hawaiian Museum Services (IMLS-NANHMS)
Term: July 2023 - May 2025 (~\$100k)
Notes: Proposal due 11/15/22

Note: The KIRC applies for grants as either a 170(c)1 nonprofit government entity, (authorized to receive tax-deductible contributions to programs that exclusively serve a public purpose), or via 501(c)3 fiscal sponsor Tri-Isle or Pacific American Foundation.

