

DAVID Y. IGE
GOVERNOR OF HAWAII



**STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES**

DIVISION OF FORESTRY AND WILDLIFE
19 EAST KAWILI STREET
HILO, HAWAII 96720
PH: (808)974-4221 FAX: 808)974-4226

SUZZANE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA
INTERIM FIRST DEPUTY

M. KALEO MANUEL
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

September, 2019

PERMIT FOR ACCESS, COLLECTING AND RESEARCH
****Permit must be in investigators possession at all times while
on the property. ****

PERMISSION IS GRANTED TO: William Gilmartin, Megan Rose Lamson, Nohealani K. U. Kaawa, and Stacey Irene Breining, Mattie Mae Larson, Beverly Sylva, Keali'i Bio, Jennifer Tamaariki, Nicolas Vanderzyl, Patrick Conant, Hawaii Wildlife Fund, ;

FOR THE FOLLOWING PURPOSE: Remove sediment from the two large pools (H-1 and H-3) at the Hoonoua pool complex, control invasive plant species, marine debris removal, and outplanting of native coastal dry forest species. Test water movement in the ponds with fluorescein green dye, remove microplastics with the Ho'ola One Machine.

LOCATIONS(S):

Kamilo at the Hoonoua anchialine pool complex
(See Attached Map)

FOR THE PERIOD: September 1, 2019 to September 1, 2020

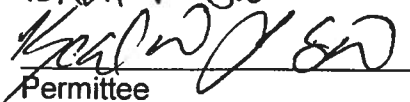
SPECIAL CONDITIONS:

- Hunting, open fires and littering are prohibited. This permit allows overnight camping to conduct the work.
- When the fluorescein dye marker is being administered a member of HWF needs to be present the entire time the marker is visible in the water, and signage should be posted explaining what is in the water and that it demonstrates the movement of the water.
- A member of Dofaw will be present when sediment removal operations are taking place.
- Motor vehicles shall be used only on established roadways. Vehicles shall be parked so as not to block traffic on access roads.

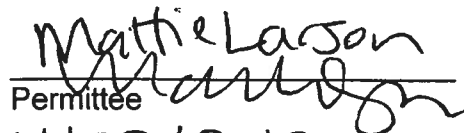
- All equipment, and other markers used by the permittees shall be removed at the end of the permit period.
- Permit is not transferable.
- Activities conducted under this permit will be limited to those described in the request filed with the Division of Forestry and Wildlife office on September 23, 2019.
- Please clean shoes and clothing before entering the area to keep from bringing new alien species in to the forest. The removal, injury, killing, or any unnecessary disturbance of native flora and fauna is prohibited.
- Labels must be followed when applying any chemicals.
- Copies of any and all preliminary progress reports or publications resulting from this research will be provided to the Hawaii Division of Forestry and Wildlife, Hilo Office. Preliminary progress reports are due August 15, 2020. Final report due August 15, 2021.
- Permittees must notify DOFAW of the location of any threatened or endangered plants, birds, bats, or insects encountered in the project area.

Provision of Chapters 183, 185, and 195, Hawaii Revised Statutes, 1985, as amended, and any other laws applicable thereto, and all rules and regulations of the Department of Land and Natural Resources shall be strictly observed. Infractions or misconducts will constitute grounds for revocation of this permit and criminal prosecution. Any person whose permit has been revoked shall not be eligible to apply for another permit until the expiration of two years from the date of revocation.

X The Permittee waives any and all claims he may have against the State of Hawaii and its respective officers, agents and employees, and agrees to hold harmless and indemnify the State of Hawaii and its respective officers, agents and employees, from any suits, actions and claims arising out of or in any way connected with the activities allowed under this permit.

KEALII F Bio

 Permittee

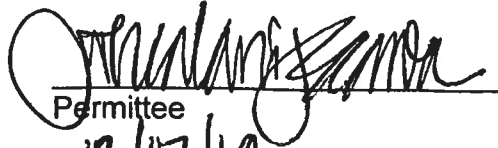
Nov 20, 2019
 Date

Mattie Larson

 Permittee
11/23/2019
 Date

J Tan Ki

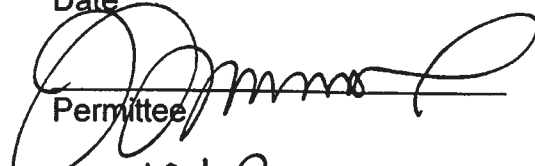
 Permittee

Nov 22 2019
 Date


 Permittee
12/17/19
 Date


 Permittee

11/22/19
 Date


 Permittee
12/8/19
 Date

William Gilman
12/1/2019

APPROVED BY:


Steven Bergfeld,
Hawaii Branch Manager

11/12/19
Date

cc: DOCARE

CXG19 