

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Land Division
Honolulu, Hawaii 96813

December 11, 2015

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

PSF No: 15KD-139

KAUAI

After-the-Fact Request to Close State Unencumbered Beach Lands within the Ground Hazard Area for University of Hawaii – Hawaii Space Flight Lab Missile Launch, Waimea, Kekaha, Kauai, Tax Map Keys: portions Seaward of (4) 1-2-002:040, (4) 1-2-002:036 and (4) 1-2-002:001

BACKGROUND:

The Board on September 25, 2015, under Item D-1 (Exhibit A), approved the closure of State Unencumbered Beach Lands within the Ground Hazard Area. The initial closures dates requested were primary date of October 29, 2015 with back-up dates of October 30, 2015 and November 2, 2015.

Due to technical and weather related issues, the launch date was pushed to November 3, 2015.

Requesting an after-the-fact approval to close the Unencumbered Beach Lands within the Ground Hazard Area for public safety.

Closure of the State Unencumbered Beach area falls under §13-221-4, Hawaii Administrative Rules, provides:

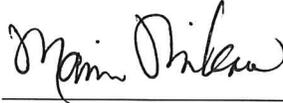
“Closing of areas. The board or its authorized representative may establish a reasonable schedule of visiting hours for all or portions of the premises and close or restrict the public use of all or any portion thereof, when necessary for the protection of the area or for the safety and welfare of persons or property, by the posting or appropriate signs indicating the extent and scope of closure. All persons shall observe and abide by the officially posted signs designating closed areas and visiting hours.”

Staff recommends an after-the-fact approval for complete closure of the affected State Unencumbered Beach on the date specified above for the safety of the public.

RECOMMENDATION:

That the Board approve the after-the-fact closure of the State Unencumbered Beach within the GHA and SZA area affected by the ORS-4 Super Srypi launch for the protection of the public pursuant to §13-221-4, Hawaii Administrative Rules, in the manner described above.

Respectfully Submitted,



Marvin Mikasa
District Land Agent

APPROVED FOR SUBMITTAL:



Suzanne D. Case, Chairperson

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STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
Land Division
Honolulu, Hawaii 96813

September 25, 2015

Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

PSF No: 15KD-139

KAUAI

Request to Close State Unencumbered Beach Lands within the Ground Hazard Area for University of Hawaii – Hawaii Space Flight Lab Missile Launch, Waimea, Kekaha, Kauai, Tax Map Keys: portions Seaward of (4) 1-2-002:040, (4) 1-2-002:036 and (4) 1-2-002:001

BACKGROUND:

The University of Hawaii’s Hawaii Space Flight Lab (HSFL) was established in 2007 within the University of Hawaii at Manoa’s School of Ocean and Earth Science and Technology (SOEST) and the College of Engineering. As a multidisciplinary research and education center, HSFL brings together individuals from diverse area and other University campuses to work on the exploration and understanding of the space environment.

Kauai Community College will be the primary communications link. Honolulu Community College is designing one of the satellite payloads and will operate a receiving station during the mission.

HSFL is the contractor for the launch facility, three rocket motor stages (designed and built by Aerojet), and a satellite to be placed into low-earth orbit. HSFL faculty and staff are hard at work on HiakaSat. “Hiaka” means “to recite legends or famous stories” in Hawaiian. It is also an acronym for Hyperspectral Imaging, Aeronautical Kinematic Analysis.

HSFL is utilizing the Pacific Missile Range Facility Barking Sands (PMRF). The facility regularly launches and tests rockets for the military.

The ORS-4 Super Srypi launch vehicle will be launched from Pad 41 located at Kokole Point on the southern end of PMRF. The ORS-4 launch window is planned for 3:00pm – 7:00pm, HST. Primary date is October 29, 2015. The back-up dates are October 30, 2015 and November 1 and 2, 2015.

The Ground Hazard Area (GHA) and Safety Zone Area (SZA) are shown in Exhibit 1. This total area encompasses several businesses and a State Unencumbered Beach. The GHA and SZA must be cleared three (3) hours before launch to ensure the health and safety of the public.

APPROVED BY THE BOARD OF
LAND AND NATURAL RESOURCES
AT ITS MEETING HELD ON
September 25, 2015

All affected businesses have been notified (Exhibit 2) and agree to comply and cooperate with PMRF's request.

The entire State Unencumbered Beach area accessible to the public within the GHA and SZA will also be cleared up to and during the launch window.

The specific purpose of this application is for the HSFL to request the services of Department of Land and Natural Resources – Division of Conservation and Resources Enforcement (DOCARE) to ensure the public is safely out of the GHA and SZA. Funding to support this service will be procured by the University of Hawaii.

Closure of the State Unencumbered Beach area falls under §13-221-4, Hawaii Administrative Rules, provides:

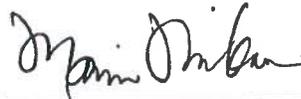
"Closing of areas. The board or its authorized representative may establish a reasonable schedule of visiting hours for all portions of the premises and close or restrict the public use of all or any portion thereof, when necessary for the protection of the area or for the safety and welfare of persons or property, by the posting or appropriate signs indicating the extent and scope of closure. All persons shall observe and abide by the officially posted signs designating closed areas and visiting hours."

Staff recommends a complete closure of the affected State Unencumbered Beach on the date(s) and times specified above for the safety of the public.

RECOMMENDATION:

That the Board approve the closure of the State Unencumbered Beach within the GHA and SZA area affected by the ORS-4 Super Srypi launch for the protection of the public pursuant to §13-221-4, Hawaii Administrative Rules, in the manner described above.

Respectfully Submitted,



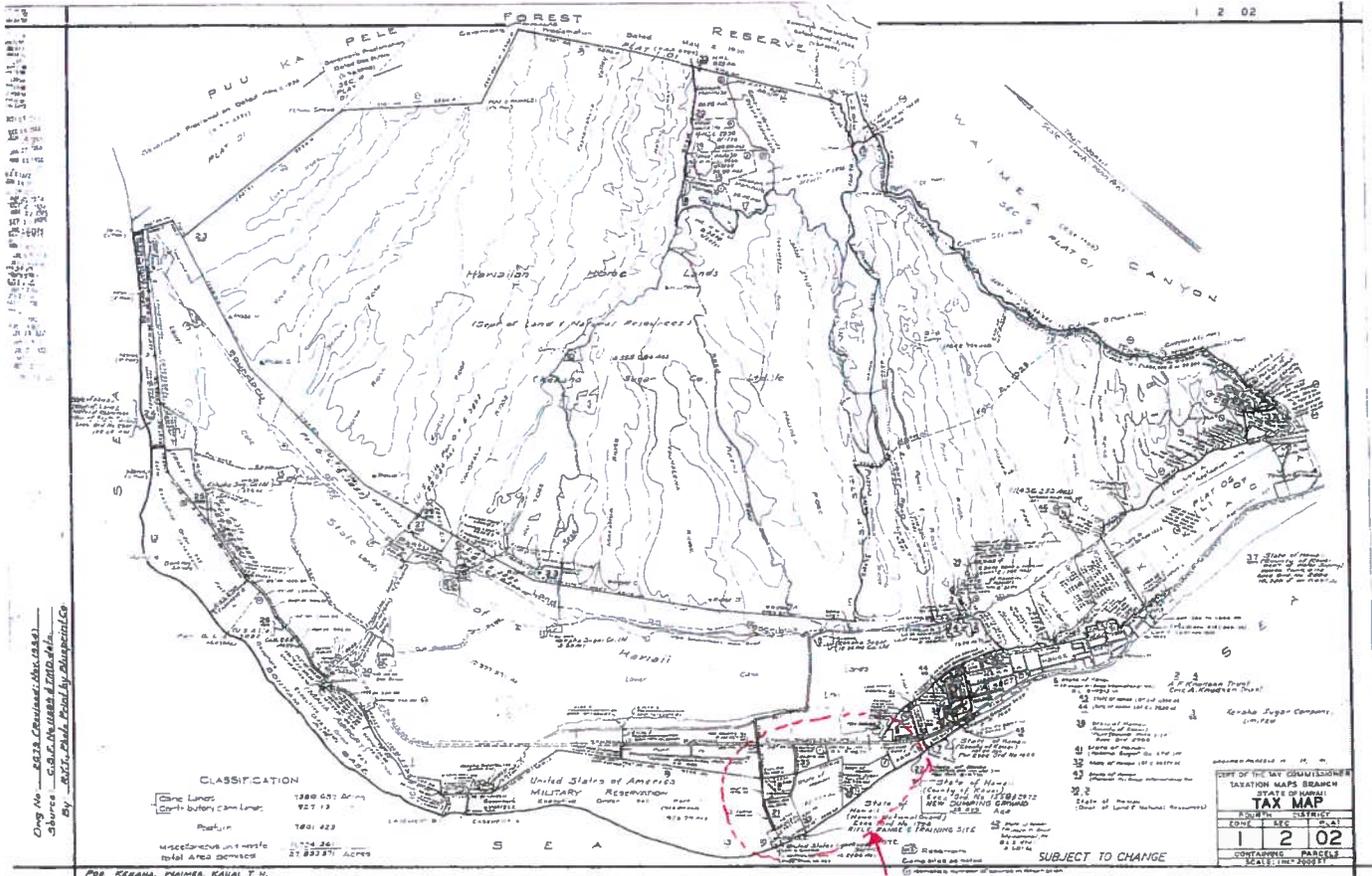
Marvin Mikasa
District Land Agent

APPROVED FOR SUBMITTAL:



Suzanne B. Case, Chairperson





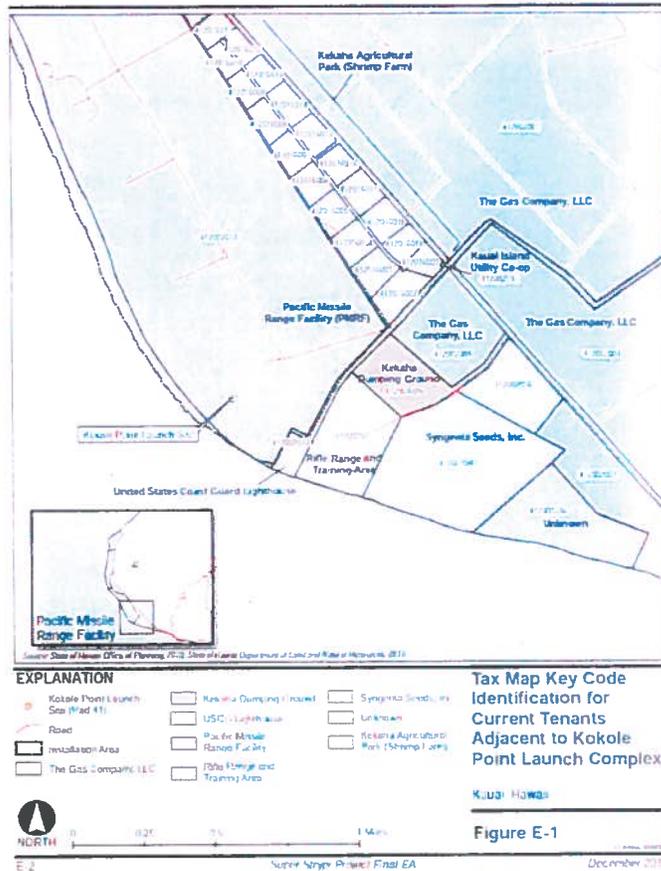
GROUND HAZARD AREA

EXHIBIT "1"

EXHIBIT 1 TO DLNR APPLICATION



Super Strypl GHA Boundary



APPENDIX E TAX MAP KEY FOR OFF-BASE PROPERTY

Tax Map Key Code	Major Owner	Common Name	Project 1	Agency 1	Acres
41200206	Govt. State	The Gas Company	Agricultural Purposes Kekaha	Agriculture Development Commission 235 S. Beretani Street, Room 205	1.112
41200209	Govt. State	Kekaha Dumping District	Kekaha Dumping District	County of Kauai Board of Supervisors	38
41200210	Govt. Federal	USDC Lighthouse			35
41200213	Govt. Federal	Pacific Missile Range Facility (PMRF)	Wana Airport	United States of America	2,032
41200221	Govt. State	Rifle Range and Training Area	Rifle Range and Training Area	Department of Defense Hawaii National Guard	38
41200231	Govt. State	Kauai Island Utility Corp.			0.1
41200235	Govt. State	Syngenta Seed, Inc.	Agriculture Purposes	Dept. of Agriculture 1428 South King Street	38
41200236	Govt. State	Unknown			66
41200240	Govt. State	Syngenta Seed, Inc.	Agriculture Purposes	Dept. of Agriculture 1428 South King Street	32
41201601	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
41201602	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	14
41201603	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	11
41201604	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
41201605	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
41201606	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	9
41201607	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	9
41201608	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
41201609	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
41201610	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	5
41201611	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	9
41201612	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
41201613	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
41201614	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
41201615	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
41201616	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6
41201617	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
41201618	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	10
41201619	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	8
41201620	Govt. State	Shrimp Farm	Kekaha Agricultural Park	Department of Agriculture	6

Sources: State of Hawaii Office of Planning, 2010; State of Hawaii Department of Land and Natural Resources, 2010

EXHIBIT "E"