BEFORE THE LAND USE COMMISSION

OF THE STATE OF HAWAI'I

In the Matter of the Petition of	)	DOCKET NO. A16-801
	)	
UNIVERSITY OF HAWAI'I COMMUNITY COLLEGES	)	OFFICE OF PLANNING'S WITNESS LIST AND EXHIBIT LIST; EXHIBITS 2, 3, 5, 6, 7 AND 8; CERTIFICATE OF SERVICE
	)	
To Amend the Agricultural Land Use District Boundary into the Urban District for approximately 149.37 acres at Puhi, Lihu`e, Island of Kaua`i, State of Hawai`i, TMK: (4) 3-4-07:01, 02 03, and 06.	)	

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing was served upon the following by either hand delivery or depositing the same in the U.S. Postal Service by regular mail.

UNIVERSITY OF HAWAII
COMMUNITY COLLEGES
2327 Dole Street
Honolulu, Hawaii 96822
Contacts:
Ms. Denise Yoshimori-Yamamoto, (808) 956-8373
Mr. Brandon Shimokawa, (808) 245-8311 ext. 230
Mr. Michael Unebesami, (808) 956-6280

WILSON OKAMOTO CORPORATION
1907 S. Beretania Street, Suite 400
Honolulu, Hawaii 96826
Contact:
Mr. Earl Matsukawa, AICP (808) 946-2277
Planning Departmnet, County of Kaua`i

MICHAEL DAHILIG, DIRECTOR
Planning Departmnet, County of Kaua`i
4444 Rice Street
Lihue, Kaua`i, Hawai`i, 96766

MAUNA KEA TRASK,
County Attorney
Office of the County Attorney

4444 Rice Street
Lihue, Kaua`i, Hawai`i, 96766

KAUA`I COUNTY PLANNING COMMISSION
c/o Planning Department, County of Kaua`i
4444 Rice Street
Lihue, Kaua`i, Hawai`i 96766

DATED: Honolulu, Hawaii, February 21, 2017.

OFFICE OF PLANNING
STATE OF HAWAI'I

LEO R. ASUNCION
Director

LAND USE COMMISSION

DOCKET NO./PETITIONER: A16-801 UNIVERSITY OF HAWAII COMMUNITY COLLEGES
PARTY: OFFICE OF PLANNING (OP)

LIST OF WITNESSES

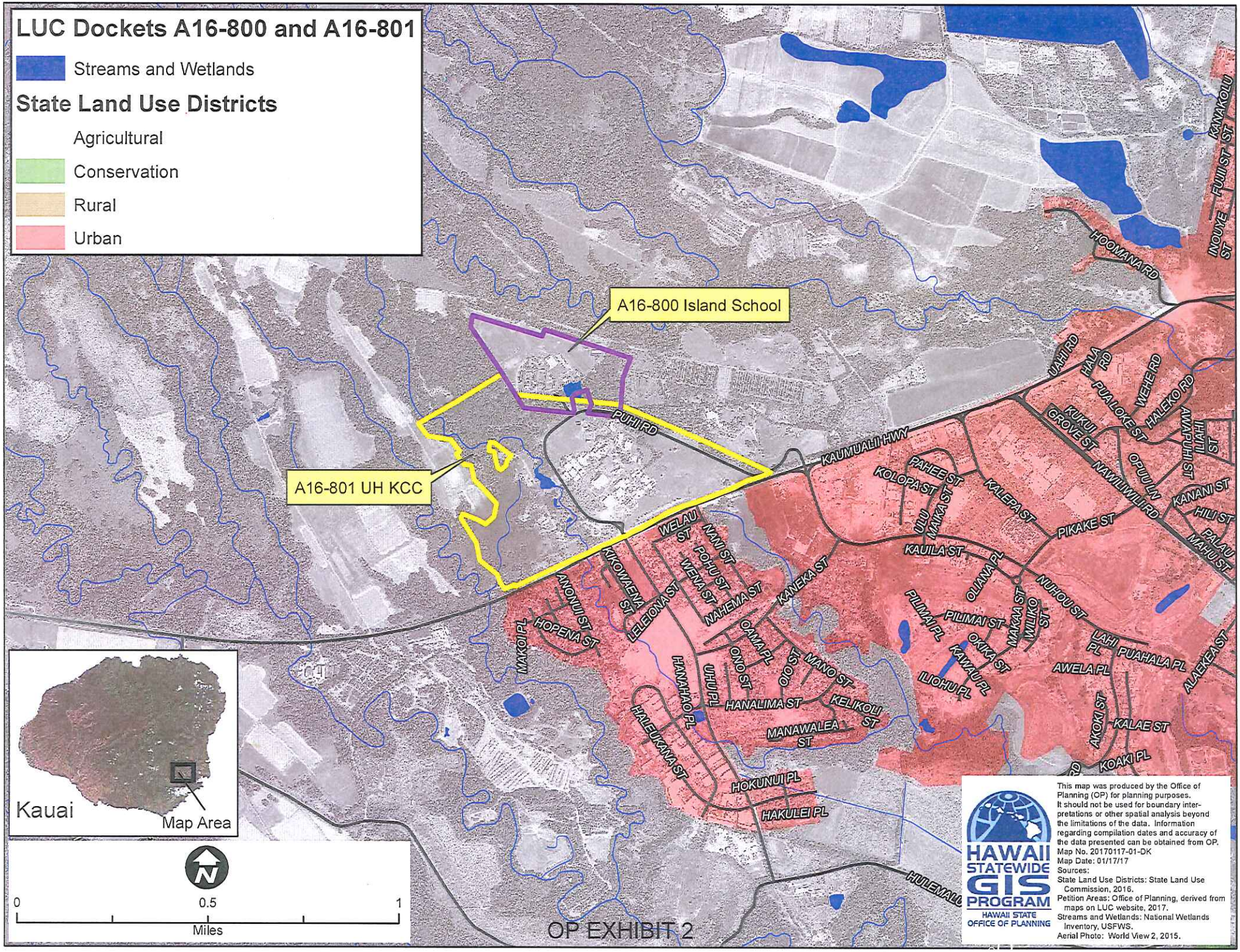
NAME/ORGANIZATION/POSITION (List in Order of Appearance)	TO BE QUALIFIED AS AN EXPERT IN:	SUBJECT MATTER	WRITTEN TESTIMONY (Yes or No)	EXHIBIT NUMBER(S)	LENGTH OF DIRECT
LEO R. ASUNCION Director Office of Planning	Land Use and Environmental Planning	State position	Yes	1	20 min.
OR					
RODNEY FUNAKOSHI Land Use Division Administrator	Land Use and Environmental Planning	State Position	Yes	1	20 min.

LAND USE COMMISSION

DOCKET NO./PETITIONER: A16-801 UNIVERSITY OF HAWAII COMMUNITY COLLEGES
PARTY: OFFICE OF PLANNING (OP)

LIST OF EXHIBITS

EXHIBIT NUMBER	DESCRIPTION	PARTY: OBJECTIONS	ADMIT
1	Office of Planning (OP) Written Testimony		
2	Map, *Petition Location with waterways,* OP		
3	State Department of Hawaiian Home Lands letter, dated December 19, 2017		
4	State Department of Transportation Letter		
5	State Department of Health Letter, dated December 30, 2016		
6	U.S. Fish and Wildlife Service Letter, dated January 30, 2017		
7	State Department of Land and Natural Resources. Engineering Division Letter, dated February 8, 2017		
8	Resume of Rodney Funakoshi		
9			
10			
11			
12			


LUC Dockets A16-800 and A16-801
Streams and Wetlands
State Land Use Districts
Agricultural
Conservation
Rural
Urban
A16-800 Island School
A16-801 UH KCC
PUHI RD
KAUMUALII HWY
HOOMANA RD
KANAKOLU ST
FUJII ST
INOUYE ST
UAHI RD
HALA RD
WEHE RD
HALEKO RD
PUALOKE ST
KUKUI GROVE ST
AWAPUHI ST
IHALI ST
NAWILIWILI RD
OPUULV
KANANI ST
HILI ST
PALAU
MAHU ST
PAHEE ST
KOLOPA ST
KALEPA ST
PIKAKE ST
MAIKA ST
ULU
KAUILA ST
OLIANA PL
NUHOU ST
MAKAA ST
WILIKO ST
PILIMAI ST
PILIMAI PL
OKIKA ST
KAWAU PL
LIOHU PL
LAHI PL
PUAHALA PL
AWELA PL
ALAEKEA ST
AKOKI ST
KALAE ST
KOAKI PL
KANEKA ST
WELAU ST
NANI ST
POHU ST
WENA ST
NAHEMA ST
KIKOWAENA ST
LELEIONA ST
ANONUI ST
HOPENA ST
MAKOI PL
OAMA PL
ONO ST
OIO ST
MANO ST
KELIKOLI ST
HANALIMA ST
MANAWALEA ST
UHU PL
HANAHAO PL
HALEUKANA ST
HOKUNUI PL
HAKULEI PL
HULEMALU
Kauai
Map Area
0
0.5
1
Miles
OP EXHIBIT 2
HAWAII STATEWIDE GIS PROGRAM
HAWAII STATE OFFICE OF PLANNING
This map was produced by the Office of Planning (OP) for planning purposes.
It should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data. Information regarding compilation dates and accuracy of the data presented can be obtained from OP.
Map No. 20170117-01-DK
Map Date: 01/17/17
Sources:
State Land Use Districts: State Land Use Commission, 2016.
Petition Areas: Office of Planning, derived from maps on LUC website, 2017.
Streams and Wetlands: National Wetlands Inventory, USFWS.
Aerial Photo: World View 2, 2015.

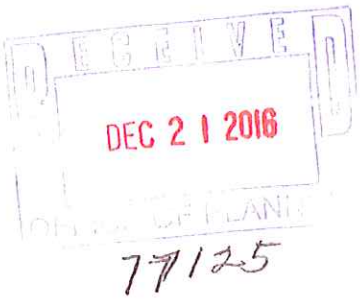
DAVID Y. IGE
GOVERNOR
STATE OF HAWAII

SHAN S. TSUTSUI
LT. GOVERNOR
STATE OF HAWAII

JOBIE M. K. MASAGATANI
CHAIRMAN
HAWAIIAN HOMES COMMISSION

WILLIAM J. AILA, JR.
DEPUTY TO THE CHAIRMAN

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS
P. O. BOX 1879
HONOLULU, HAWAII 96805



December 19, 2016

Office of Planning
State of Hawaii
Attn.: Ms. Lorene K. Maki
235 Beretania,Street, 6th Floor
Honolulu, Hawaii 96813

Aloha Ms. Maki:

Subject: Petition for Amendment of the State Land Use District Boundaries: Land Use Commission Docket No. A16-801

The Department of Hawaiian Home Lands acknowledges receipt of the Petition for Amendment of the State Land Use District Boundaries: Land Use Commission Docket No. A16-801. Upon review of the material submitted, and due to its lack of proximity to Hawaiian Home Lands, we do not anticipate any impacts to our lands or beneficiaries for the request change from State Agricultural to State Urban District

However, we highly encourage all agencies to consult with Hawaiian homestead community associations and other (N) native Hawaiians in order to better assess potential impacts to cultural and natural resources, access, and other traditional and customary practices of Native Hawaiians.

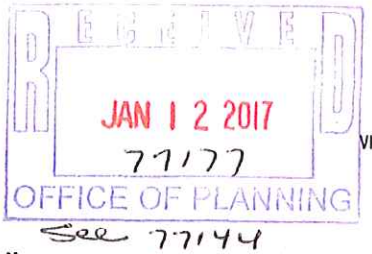
Mahalo for the opportunity to provide comments. If you have any questions, please call the Planning Office at 620-9517 or contact us via email at dhhl.planning@hawaii.gov.

Mahalo,

Marvin Kaleo Manuel
Acting Planning Program Manager

OP EXHIBIT 3

DAVID Y. IGE
GOVERNOR OF HAWAII



See 77144

VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

EPO 16-421

December 30, 2016

Ms. Lorene Maki
Office of Planning
P.O. Box 2359
Honolulu, Hawaii 96804
Email: Lorene.k.maki@hawaii.gov

Dear Ms. Maki:

SUBJECT: Petition for Land Use District Boundaries Amendment (LUDBA)
University of Hawaii, Kauai Community College Continued Operation and Expansion
Lihue, Kauai
TMK: (4) 3-4-007: 001, 002, 003, and 006

The Department of Health (DOH), Environmental Planning Office (EPO), acknowledges receipt of your LUDBA to our office on December 14, 2016.

In the development and implementation of all projects, EPO strongly recommends regular review of State and Federal environmental health land use guidance. State standard comments and available strategies to support sustainable and healthy design are provided at: http://health.hawaii.gov/epo/landuse. Projects are required to adhere to all applicable standard comments.

EPO has recently updated the environmental Geographic Information System (GIS) website page. It now compiles various maps and viewers from our environmental health programs. The eGIS website page is continually updated so please visit it regularly at: http://health.hawaii.gov/epo/egis.

EPO also encourages you to examine and utilize the Hawaii Environmental Health Portal at: https://eha-cloud.doh.hawaii.gov. This site provides links to our e-Permitting Portal, Environmental Health Warehouse, Groundwater Contamination Viewer, Hawaii Emergency Response Exchange, Hawaii State and Local Emission Inventory System, Water Pollution Control Viewer, Water Quality Data, Warnings, Advisories and Postings.

Please note that all wastewater plans must conform to applicable provisions of the Department of Health's Administrative Rules, Chapter 11-62, "Wastewater Systems". We reserve the right to review the detailed wastewater plans for conformance to applicable rules. Should you have any questions, please review online guidance at: http://health.hawaii.gov/wastewater and contact the Planning and Design Section of the Wastewater Branch at (808) 586-4294.

A phase I Environmental Site Assessment (ESA) and site investigation should be conducted for residential development or redevelopment projects on formerly and currently zoned agricultural land used for growing sugar, pineapple or other agricultural products. If the investigation shows that a release of petroleum, hazardous substance, pollutants or contaminants may have occurred at the site, the site should be properly characterized through an approved Hawaii State Department of Health (DOH)/Hazard Evaluation and Emergency Response Office (HEER) soil and/or groundwater sampling plan. Please refer to Sections 3 and 4 of the HEER Office Technical Guidance Manual http://www.hawaiidoh.org/. If the site is found to be contaminated, then all removal and remedial actions to

clean up hazardous substance or oil releases by past and present owners/tenants must comply with Chapter 128D, Environmental Response Law, HRS, and Title 11, Chapter 451, HAR, State Contingency Plan. To identify HEER records related to the property, visit http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/public-records

You may also wish to review the draft Office of Environmental Quality Control (OEQC) viewer at: http://eha-web.doh.hawaii.gov/oeqc-viewer. This viewer geographically shows where some previous Hawaii Environmental Policy Act (HEPA) {Hawaii Revised Statutes, Chapter 343} documents have been prepared.

In order to better protect public health and the environment, the U.S. Environmental Protection Agency (EPA) has developed a new environmental justice (EJ) mapping and screening tool called EJSCREEN. It is based on nationally consistent data and combines environmental and demographic indicators in maps and reports. EPO encourages you to explore, launch and utilize this powerful tool in planning your project. The EPA EJSCREEN tool is available at: http://www.epa.gov/ejscreen.

The Department of Health encourages the application of sustainability strategies and principles early in the planning, review and funding of projects. We also request that you consider conducting a Health Impact Assessment (HIA). More information is available on line at:

- World Health Organization (WHO) HIA information: http://www.who.int/hia/en
- U.S. Centers for Disease Control (CDC) HIA information: https://www.cdc.gov/healthyplaces/hia.htm
- U.S. Environmental Protection Agency (EPA) HIA information: https://www.epa.gov/healthresearch/health-impact-assessments

We request that you utilize all of this information on your proposed project to increase sustainable, innovative, inspirational, transparent and healthy design. Thank you for the opportunity to comment.

We request a written or electronic response confirming your receipt of this DOH EPO comment letter. You may mail your response directly to EPO at 919 Ala Moana Blvd., Suite 312, Honolulu, Hawaii 96814. However, we would prefer an electronic reply to DOH.EPO@doh.hawaii.gov. We expect that our letter(s) and your response(s) will be included in the final document. If you have any questions, please contact me by calling (808) 586-4337.

Mahalo nui loa,

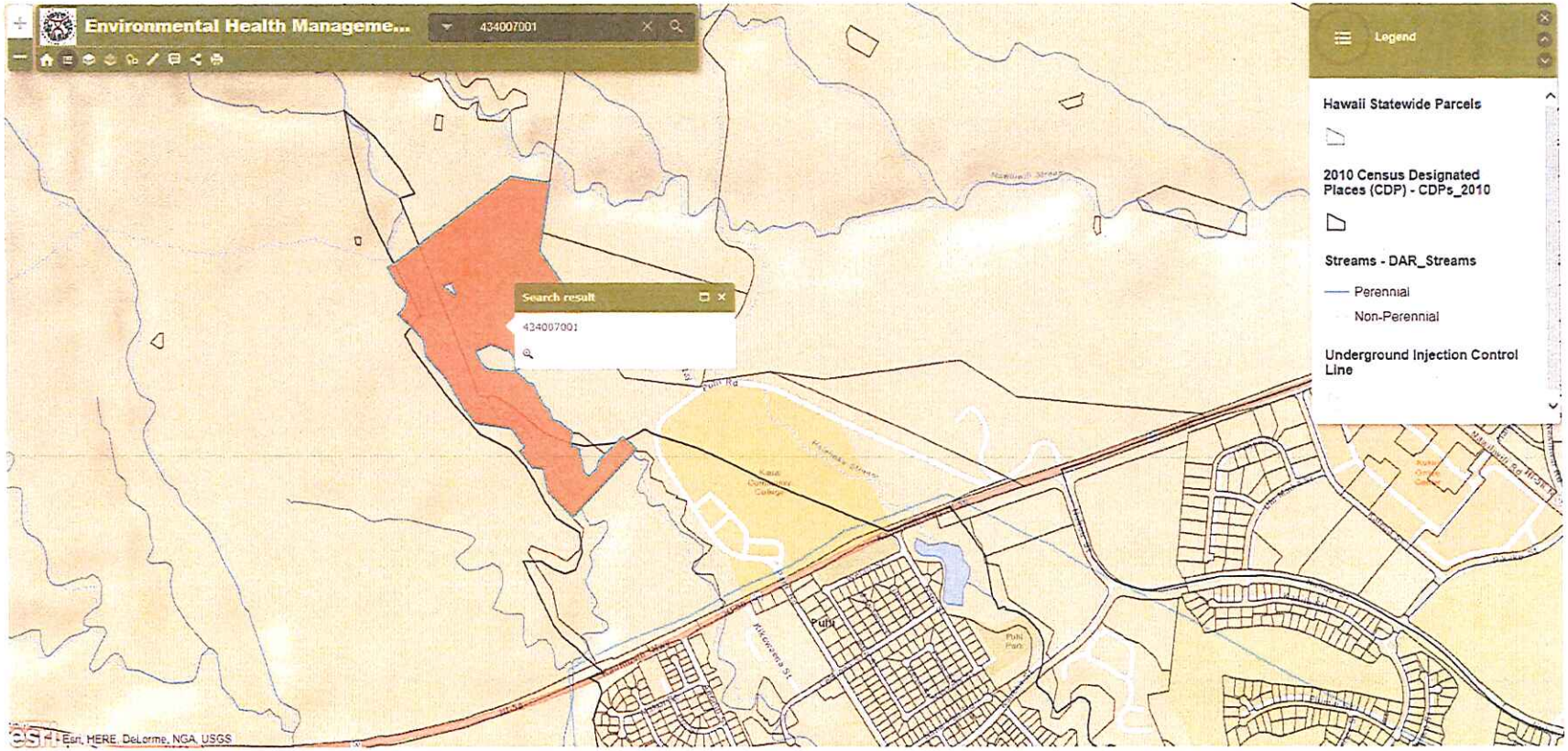
Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office

LM:nn

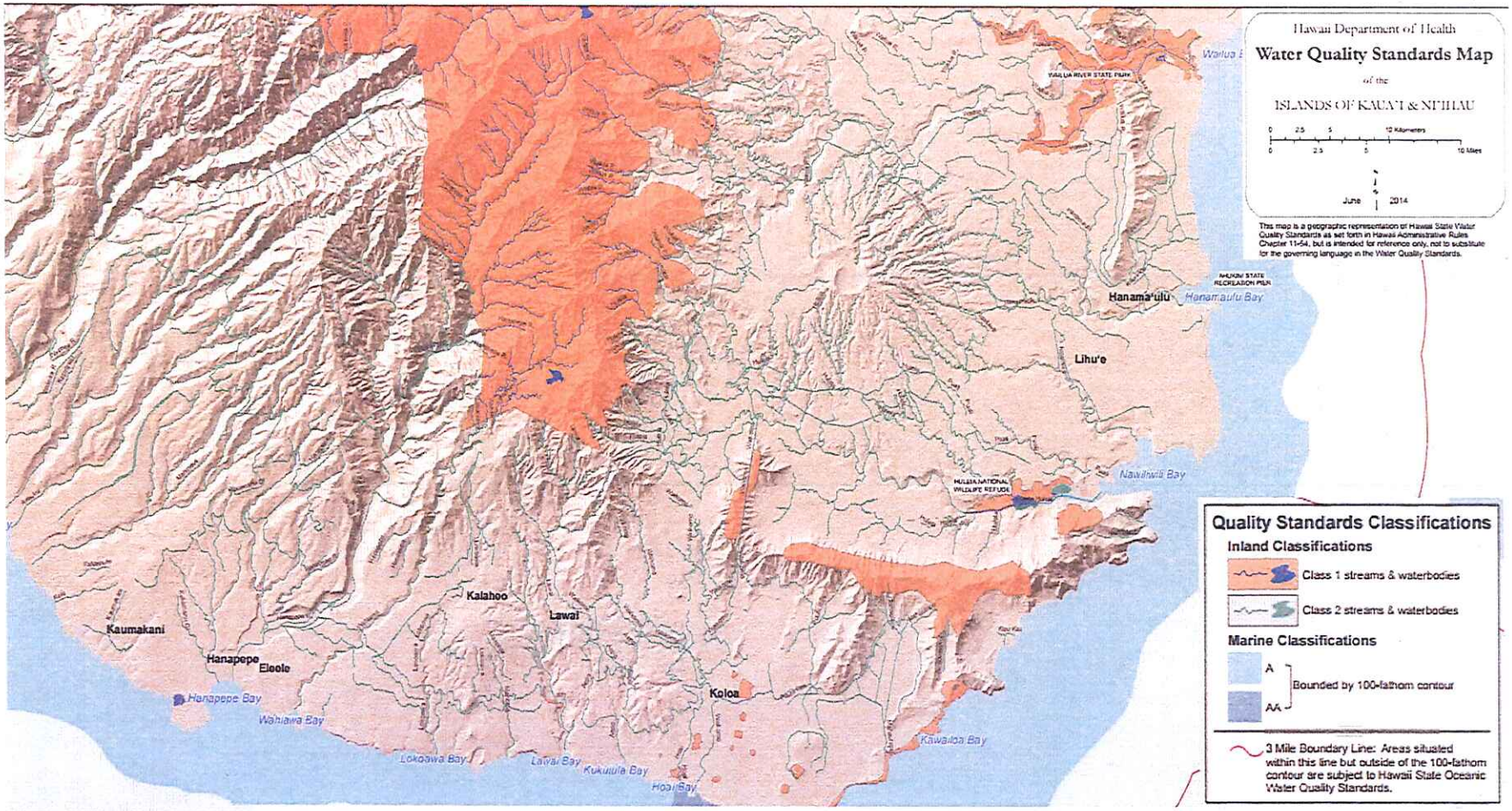
Attachment 1: Environmental Health Management Web App Snipit of Project Area: http://health.hawaii.gov/epo/egis
Attachment 2: Clean Water Branch: Water Quality Standards Map - Kauai
Attachment 3: Wastewater Branch: Recycled Water Use Map of Project Area
Attachment 4: Historic Sugarcane Map of Project Area
Attachment 5: U.S. EPA EJSCREEN Report for Project Area

c: DOH: DHO Kauai, WWB, HEER {via email only}

Attachment 1: Environmental Health Management Web App Snipit of Project Area: http://health.hawaii.gov/epo/egis

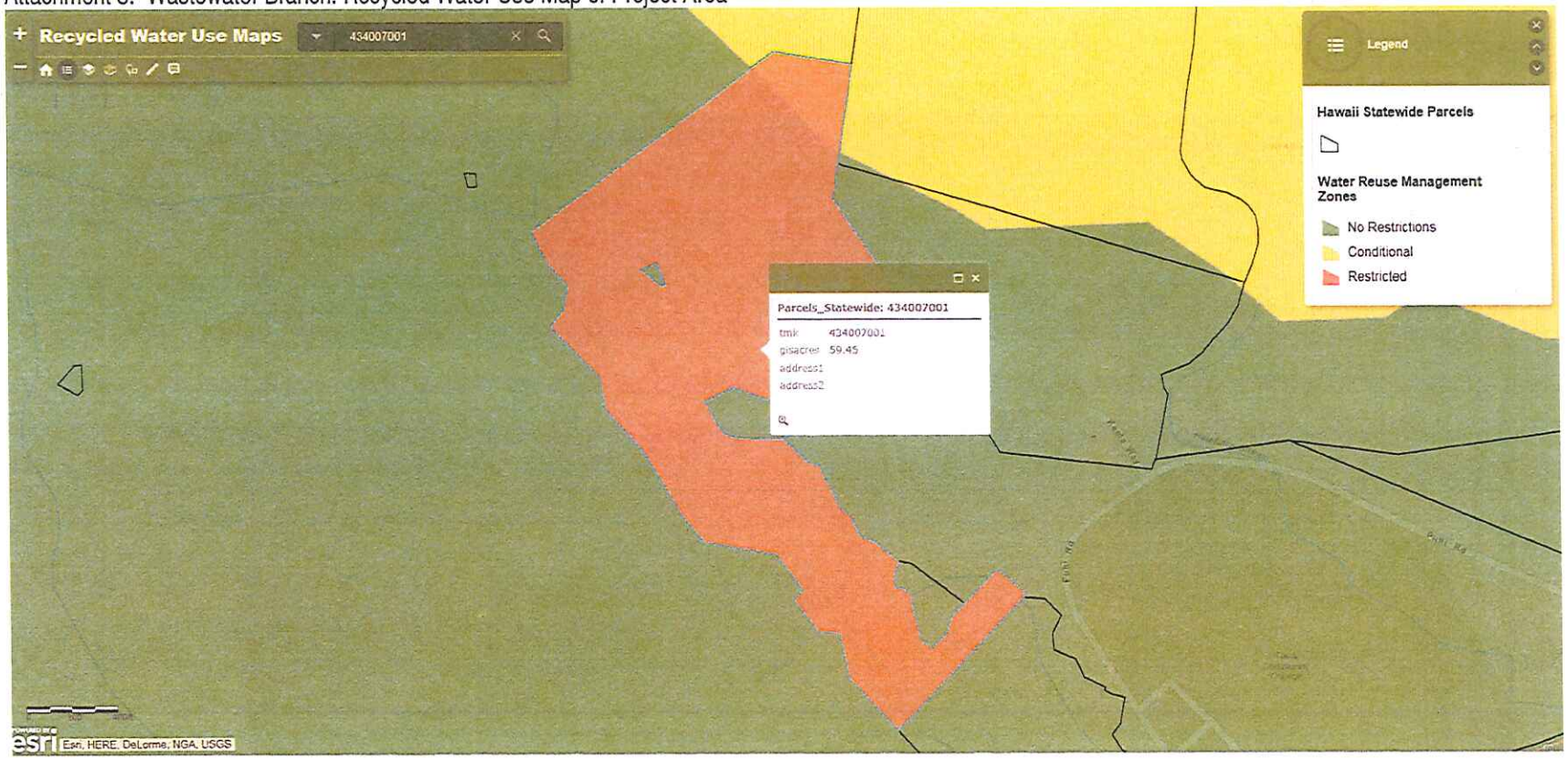


Attachment 2: Clean Water Branch: Water Quality Standards Map - Kauai



DRAFT

Attachment 3: Wastewater Branch: Recycled Water Use Map of Project Area



Attachment 4: Historic Sugarcane Map of Project Area

Attachment 5: U.S. EPA EJSCREEN Report for Project Area

EJSCREEN Report (Version 2016)

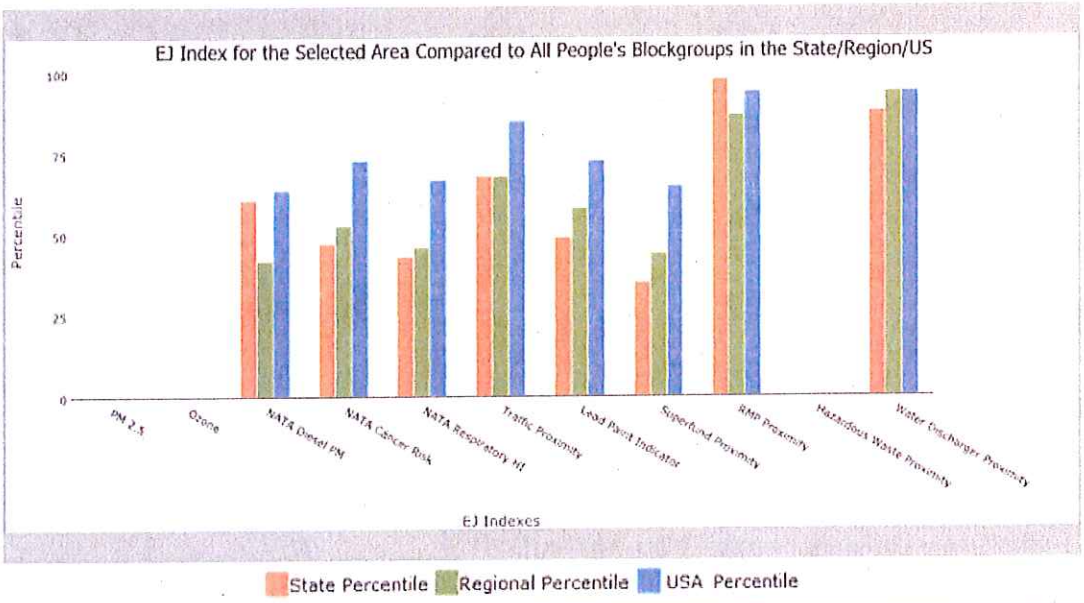
1 mile Ring Centered at 21.969666,-159.396350, HAWAII, EPA Region 9

Approximate Population: 3,536

Input Area (sq. miles): 3.14

Kauai Community Collego

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	N/A	N/A	N/A
EJ Index for Ozone	N/A	N/A	N/A
EJ Index for NATA* Diesel PM	61	42	64
EJ Index for NATA* Air Toxics Cancer Risk	47	53	73
EJ Index for NATA* Respiratory Hazard Index	43	46	67
EJ Index for Traffic Proximity and Volume	68	68	85
EJ Index for Lead Paint Indicator	49	58	73
EJ Index for Superfund Proximity	35	44	65
EJ Index for RMP Proximity	98	87	94
EJ Index for Hazardous Waste Proximity*	N/A	N/A	N/A
EJ Index for Water Discharger Proximity	88	94	94



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

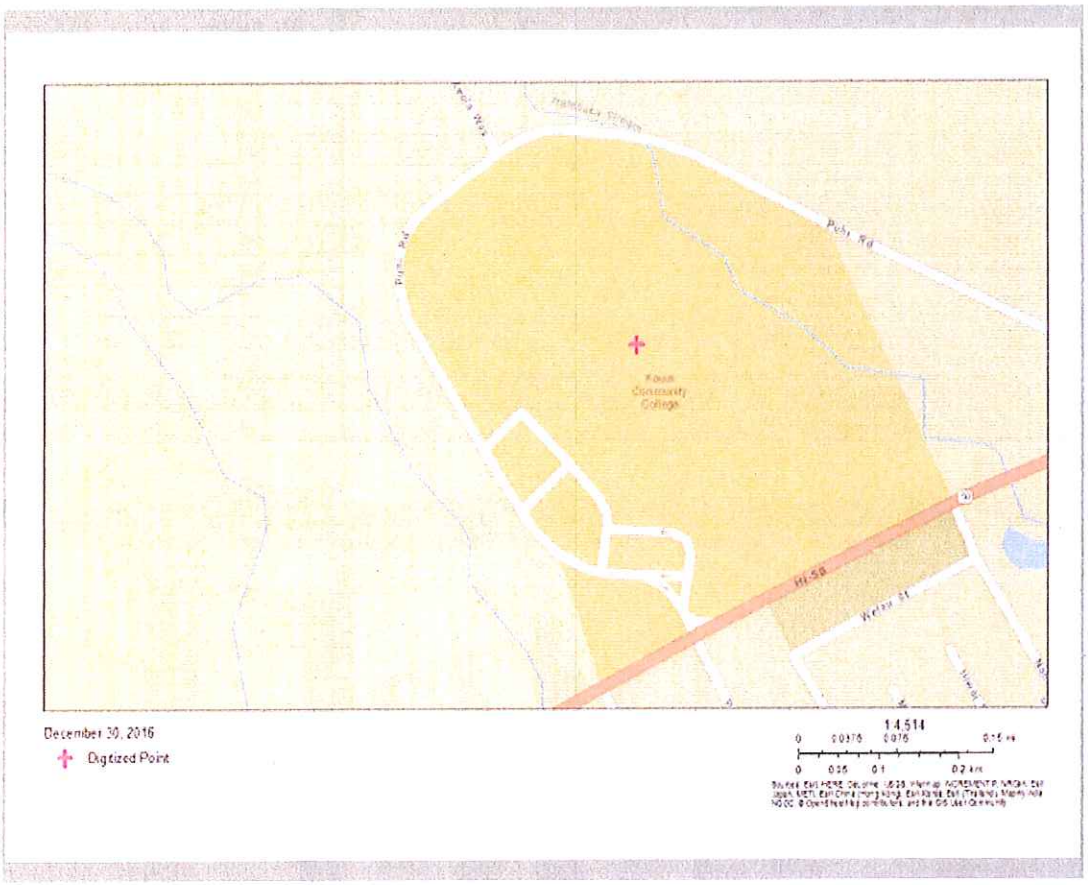
EJSCREEN Report (Version 2016)

1 mile Ring Centered at 21.969666,-159.396350, HAWAII, EPA Region 9

Approximate Population: 3,536

Input Area (sq. miles): 3.14

Kauai Community College



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0
National Pollutant Discharge Elimination System (NPDES)	1

EJSCREEN Report (Version 2016)

1 mile Ring Centered at 21.969666,-159.396350, HAWAII, EPA Region 9

Approximate Population: 3,536

Input Area (sq. miles): 3.14

Kauai Community College

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in µg/m³)	N/A	N/A	N/A	9.37	N/A	9.32	N/A
Ozone (ppb)	N/A	N/A	N/A	51	N/A	47.4	N/A
NATA* Diesel PM (µg/m³)	0.103	0.149	57	0.978	<50th	0.937	<50th
NATA* Cancer Risk (lifetime risk per million)	26	34	14	43	<50th	40	<50th
NATA* Respiratory Hazard Index	0.6	1	20	2	<50th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	470	990	65	1100	58	590	77
Lead Paint Indicator (% Pre-1960 Housing)	0.072	0.16	43	0.24	40	0.3	31
Superfund Proximity (site count/km distance)	0	0.098	29	0.15	13	0.13	16
RMP Proximity (facility count/km distance)	1.5	0.19	99	0.57	90	0.43	93
Hazardous Waste Proximity+ (facility count/km distance)	N/A	0.14	N/A	0.14	N/A	0.11	N/A
Water Discharger Proximity (facility count/km distance)	0.8	0.34	90	0.2	96	0.31	91
Demographic Indicators							
Demographic Index	52%	52%	54	47%	59	36%	75
Minority Population	83%	77%	52	58%	73	37%	86
Low Income Population	21%	26%	44	36%	31	35%	32
Linguistically Isolated Population	1%	6%	30	9%	22	5%	49
Population With Less Than High School Education	11%	9%	67	17%	43	14%	50
Population Under 5 years of age	4%	6%	30	7%	30	6%	33
Population over 64 years of age	14%	15%	49	13%	68	14%	60

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: https://www.epa.gov/national-air-toxics-assessment.

+ The hazardous waste environmental indicator and the corresponding EJ index will appear as N/A if there are no hazardous waste facilities within 50 km of a selected location.

For additional information, see: www.epa.gov/environmentaljustice

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pacific Islands Fish and Wildlife Office
300 Ala Moana Boulevard, Room 3-122
Honolulu, Hawaii 96850

JAN 30 2017

In Reply Refer To:
01EPIF00-2017-TA-0067

Mr. Leo R. Asuncion
Office of Planning
State of Hawaii
P.O. Box 2359
Honolulu, Hawaii 96804

Subject: Comments on Petition for Amendment of the State Land Use District Boundaries: University of Hawaii Community Colleges, Kauai

Dear Mr. Asuncion:

The U.S. Fish and Wildlife Service (Service) received your letter, dated December 7, 2016, requesting our comments on the subject petition. You requested we identify the following: 1) programs, facilities, or resources under the jurisdiction of our agency that will be affected by the project; and 2) any mitigation measures that may be recommended to address the above issues if the petition were to be approved. The University of Hawaii Community Colleges (the Petitioner) proposes to amend the State Land Use District boundaries of approximately 148 acres of land from the Agricultural to Urban District in order to allow future construction and expansion of the school facilities. The final Environmental Assessment (EA) for the Kauai Community College (KCC) Redesignation to Urban District was completed in November 2012. The final EA provides updates to KCC's Long Range Development Plan which proposes the development of the existing campus site to accommodate a population of 3,000 full time equivalent students. The final EA states that it is anticipated that subsequent EA's or Environmental Impact Statement (EIS) will need to be prepared pursuant to Chapter 343, Hawaii Revised Statutes (HRS) for individual development projects when more plans for such projects become available. It also states that KCC does not envision implementing any major projects within the next 10 years from the time of the final EA draft. The property is located in the town of Lihue on the island of Kauai at TMK (4) 3-4-007: 001, 002, 003, and 006. Our comments are provided under the authorities of the Endangered Species Act of 1973 (ESA), as amended (16 U.S.C 1531 *et seq.*).

We reviewed the information you provided and pertinent information in our files, including data compiled by the Hawaii Biodiversity and Mapping Program, as it pertains to federally listed species and designated critical habitat. The following species are known to occur or transit through the proposed project area: the endangered band-rumped storm-petrel (*Oceanodroma castro*) and Hawaiian petrel (*Pterodroma sandwichensis*), and the threatened Newell's shearwater (*Puffinus newelli*) (hereafter collectively referred to as seabirds); the endangered

Hawaiian hoary bat (*Lasiurus cinereus semotus)*; and the endangered Hawaiian goose (*Branta sandvicensis*). There is no designated critical habitat within the vicinity of the project area. To aid in the Office of Planning's (OP) review of the subject petition, we provide the following recommendations to avoid and minimize project impacts to listed species.

To minimize potential impacts to seabirds, the Petitioner proposes to shield exterior lighting of possible night-time construction activity and structures that are built on the property. Any increase in the use of nighttime lighting, particularly during peak fallout period (September 15 through December 15), could result in additional seabird injury or mortality. We recommend construction activities occur only during daylight hours. Exterior facility lights should be positioned low to the ground, be motion-triggered, and be shielded and/or full cut-off. Effective light shields should be completely opaque, sufficiently large, and positioned so that the bulb is only visible from below. It is unclear from the final EA which school facilities and infrastructure will include exterior lighting and if parking lot lighting is planned.

The Petitioner states that Hawaiian hoary bats may be impacted during the clearing and grubbing phases of the project and to avoid impacts that the clearing of woody plants greater than 15 feet should not occur between May 15 and August 31. Based on our interpretation of best available data, we have revised the time period for avoiding impacts to bats during the bat birthing and pup rearing season to be June 1 through September 15. If trees or shrubs suitable for bat roosting are cleared during the breeding season, there is a risk that young bats could inadvertently be harmed or killed. To minimize impacts to the endangered Hawaiian hoary bat, woody plants greater than 15 feet tall should not be disturbed, removed, or trimmed during the bat birthing and pup rearing season. Site clearing should be timed to avoid disturbance to Hawaiian hoary bats in the project area.

The Petitioner also states that to avoid impacts to the Hawaiian goose (geese), the project site should be surveyed for nests activity by a qualified biologist before the onset of construction. The Petitioner also states that it may be advisable to have a Hawaiian goose monitor on site to ensure birds are not harmed if nesting activity occurs while construction activities are on-going. In addition, we recommend a biologist familiar with the nesting behavior of the Hawaiian goose survey the area prior to the initiation of any work, or after any subsequent delay in work of three or more days (during which birds may attempt nesting). If a nest is discovered, work should cease immediately and our office should be contacted for further guidance. Furthermore, all on-site project personnel should be apprised that Hawaiian geese may be in the vicinity of the project at any time during the year. If a Hawaiian goose (or geese) appears within 100 feet of ongoing work, all activity should be temporarily suspended until the Hawaiian goose (or geese) leaves the area of its own accord.

The Service appreciates OP's consideration of our comments in the review of the subject petition. We recommend that all measures to avoid and minimize impacts to the species described in this letter are incorporated into any EAs or EIS for future development at KCC and implemented in any construction of school facilities at KCC, should the State Land Use Commission approve the petition. Upon request and review of environmental documentation for individual projects for KCC, the Service can provide additional technical assistance.

If you have questions regarding our comments, please contact Adam Griesemer, Endangered Species Biologist (phone: 808-285-8261, email: adam_griesemer@fws.gov).

Sincerely,

Aaron Nadig
Island Team Manager
Oahu, Kauai, Northwester Hawaiian Islands, and American Samoa

cc: Katherine Cullison, Hawaii Division of Forestry and Wildlife, Administrative Branch
Earl Matsukawa, Wilson Okamoto Corporation, Agent for the Petitioner

RESUME

Rodney Funakoshi

Planning Program Administrator, Land Use Division
State of Hawaii Office of Planning

Employment:

- Planning Program Administrator, Land Use Division, Office of Planning, 2011-present
- Senior Project Manager, Planning and Development, Castle & Cooke Hawaii, 2007 - 2011
- Senior Project Manager – Planning, Wilson Okamoto Corporation, 1987 – 2007
- Planner IV-VI, State of Hawaii Department of Planning and Economic Development, 1979 – 1987

Education:

- Master of Urban and Regional Planning, University of Hawaii at Manoa
- Bachelor of Arts, Sociology, University of Hawaii at Manoa

Expertise:

- Hawaii land/water use development permits
- Community master plans
- Public awareness and involvement
- Infrastructure & erosion control plans
- Environmental assessments/EISs
- Water quality and wetlands permits
- Land use development plans
- Airport and military master plans

Experience:

Mr. Funakoshi has managed a wide range of government and private sector planning and development projects in Hawaii and the Pacific. As a consulting planner he has represented major land owners and developers including Castle & Cooke Hawaii, Alexander and Baldwin, Stanford Carr Development, Haseko, Gentry Hawaii, Ko Olina Resort, TSA International, Outrigger Resorts, Kamehameha Schools, and Kauai Lagoons. Development approvals processed include State land use boundary amendment petitions, Conservation District Use, Special Management Area permits, county zoning, variance and subdivision approvals, and Federal and State water quality permits.

Major public sector projects managed include the Aiea-Pearl City Livable Communities Plan, Hawaii State Airport Systems Plan, Kailua-Kaneohe-Kahaluu Wastewater Facilities Plan, Waipahu Town Plan, Maui Land Use Technical Study and Infrastructure Assessment, Kawainui Marsh Master Plan, Hilo International Airport Master Plan, Camp H.M. Smith Master Plan, Hawaii Water Resources Protection Plan, Oahu Water Master Plan, Five-Year Boundary Review/Affordable Housing Study, Grading/Erosion Control Ordinance Revision for Maui and Hawaii County, and Marine Education and Training Center at Sand Island.

Mr. Funakoshi has supervised the preparation of over 50 environmental assessments and environmental impacts statements under Hawaii and Federal EIS laws for airports, highways, harbors, schools, military, land use, infrastructure, resort, commercial-industrial, residential, and master planned communities. He has coordinated hundreds of environmental technical and scientific studies including engineering, archaeology, botany, ornithology, traffic, air, noise, socio-economic and water quality.

Professional Associations:

- American Planning Association, Hawaii Chapter